



**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

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R2106017

Order Instituting Rulemaking to Modernize
the Electric Grid for a High Distributed
Energy Resources Future.

Rulemaking 21-06-017

**LINE SECTION AND PLANNED INVESTMENTS DATA FOR THE 2023 GRID
NEEDS ASSESSMENT AND 2023 DISTRIBUTION DEFERRAL OPPORTUNITY
REPORT OF PACIFIC GAS AND ELECTRIC COMPANY (U 39 E)
PUBLIC VERSION**

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Dated: December 1, 2023

Attorneys for
PACIFIC GAS AND ELECTRIC COMPANY

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Pursuant to Ordering Paragraphs 2.d and 2.e of Decision No. 18-02-004 and the August 11, 2023 email ruling titled: “*R2106017 Email Ruling Granting PG&E Motion for Extension of Time and Tentatively Cancelling Annual Primer Workshop*” by Administrative Law Judges Hymes and Lakhanpal, Pacific Gas and Electric Company (PG&E) hereby files the Appendix G line section data of its 2023 Grid Needs Assessment (GNA) and Appendices I.1, I.2, and J line section planned investments and solutions data for the 2023 Distribution Deferral Opportunity Report (DDOR). Certain data in the attached GNA and DDOR appendices has been determined to be confidential, as provided in the Confidentiality Declaration attached to this pleading.

Respectfully submitted,

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By: /s/ Kristin Charipar
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GNA ID	DPA	Division	Region	Facility Name	Facility ID	Facility Type	Distribution Service Required	Distribution Service					Deficiency Units	2023					2023 Distribution Service Required	2023					2023 Distribution Service Required	2024					2024 Distribution Service Required	2024					2024 Distribution Service Required	2025				
								Anticipated Need Date	Facility Rating	Facility Rating Units	Peak Deficiency (2023-2025)	2023 Volt		2023 VPU	2023 Deficiency (MW)	2023 Deficiency (%)	2024 Volt	2024 VPU		2024 Deficiency (MW)	2024 Deficiency (%)	2025 Volt	2025 VPU	2025 Deficiency (MW)		2025 Deficiency (%)																
GNA_12091112_Voltage	Oakland Edes-J	East Bay	Bay Area	OAKLAND J 1112	012091112	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.30	0.973	N/A	2.66%	Undervoltage	117.30	0.973	N/A	2.66%	Undervoltage	117.30	0.973	N/A	2.66%															
GNA_12200404_Voltage	Concord	Diablo	Bay Area	WALNUT CREEK 0404	012200404	Line Section	Voltage	2023	120.5	V	0.85	VPU	Undervoltage	102.10	0.847	N/A	15.27%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A															
GNA_12330403_Voltage	Richmond South	East Bay	Bay Area	MIRA VISTA 0403	012330403	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.80	0.969	N/A	3.07%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A															
GNA_12501103_Voltage	Richmond South	East Bay	Bay Area	EL CERRITO G 1103	012501103	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.50	0.975	N/A	2.49%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A															
GNA_12520401_Voltage	Richmond South	East Bay	Bay Area	RICHMOND Q 0401	012520401	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.90	0.978	N/A	2.16%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A															
GNA_12980401_Voltage	Hayward	Mission	Bay Area	WARD 0401	012980401	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	114.80	0.953	N/A	4.73%	Undervoltage	114.80	0.953	N/A	4.73%	Undervoltage	115.80	0.961	N/A	3.90%															
GNA_13030402_Voltage	Oakland Edes-J	East Bay	Bay Area	BANCROFT 0402	013030402	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.70	0.977	N/A	2.32%	Undervoltage	117.70	0.977	N/A	2.32%	Undervoltage	117.30	0.973	N/A	2.66%															
GNA_13210401_Voltage	Richmond South	East Bay	Bay Area	BROOKSIDE 0401	013210401	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.80	0.969	N/A	3.07%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A															
GNA_13260402_Voltage	Hayward	Mission	Bay Area	SOTO 0402	013260402	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.30	0.973	N/A	2.66%	Undervoltage	117.40	0.974	N/A	2.57%	Undervoltage	117.30	0.973	N/A	2.66%															
GNA_13471126_Voltage	Richmond South	East Bay	Bay Area	RICHMOND R 1126	013471126	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.40	0.974	N/A	2.57%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A															
GNA_13501101_Voltage	Fremont 12 KV	Mission	Bay Area	JARVIS 1101	013501101	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.50	0.967	N/A	3.32%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A															
GNA_13532224_Voltage	Walnut Creek 21 KV	Diablo	Bay Area	LAKEWOOD 2224	013532224	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.60	0.968	N/A	3.24%	Undervoltage	116.80	0.969	N/A	3.07%	N/A	N/A	N/A	N/A	N/A															
GNA_13751102_Voltage	Tri-Valley	Mission	Bay Area	VASCO 1102	013751102	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	116.20	0.964	N/A	3.57%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A															
GNA_13761101_Voltage	Hayward	Mission	Bay Area	MT EDEN 1101	013761101	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.70	0.960	N/A	3.98%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A															
GNA_14091102_Voltage	Hayward	Mission	Bay Area	CASTRO VALLEY 1102 (Formerly 1101)	014091102	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.50	0.967	N/A	3.32%	Undervoltage	116.10	0.963	N/A	3.65%	N/A	N/A	N/A	N/A	N/A															
GNA_14091109_Voltage	Hayward	Mission	Bay Area	CASTRO VALLEY 1109 (Formerly 1107)	014091109	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.30	0.973	N/A	2.66%	Undervoltage	117.90	0.978	N/A	2.16%	N/A	N/A	N/A	N/A	N/A															
GNA_14471109_Voltage	Fremont 12 KV	Mission	Bay Area	DUMBARTON SUB 1109	014471109	Line Section	Voltage	2023	120.5	V	0.95	VPU	Undervoltage	115.00	0.954	N/A	4.56%	Undervoltage	115.00	0.954	N/A	4.56%	Undervoltage	114.90	0.954	N/A	4.65%															
GNA_22280408_Voltage	Mission	San Francisco	Bay Area	SF N 0408	022280408	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.50	0.959	N/A	4.15%	Undervoltage	115.00	0.954	N/A	4.56%	N/A	N/A	N/A	N/A	N/A															
GNA_22480401_Voltage	Potrero	San Francisco	Bay Area	CASTRO 0401	022480401	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.50	0.975	N/A	2.49%	Undervoltage	117.50	0.975	N/A	2.49%	Undervoltage	116.40	0.966	N/A	3.40%															
GNA_22490401_Voltage	Hunter's Point	San Francisco	Bay Area	YOSEMITE 0401	022490401	Line Section	Voltage	2023	120.5	V	0.92	VPU	Undervoltage	111.10	0.922	N/A	7.80%	Undervoltage	110.20	0.915	N/A	8.55%	Undervoltage	109.10	0.905	N/A	9.46%															
GNA_22490402_Voltage	Hunter's Point	San Francisco	Bay Area	YOSEMITE 0402	022490402	Line Section	Voltage	2023	120.5	V	0.95	VPU	Undervoltage	113.90	0.945	N/A	5.48%	Undervoltage	113.30	0.940	N/A	5.98%	Undervoltage	112.80	0.936	N/A	6.39%															
GNA_22500401_Voltage	Martin (SF H)	San Francisco	Bay Area	TARAVAL 0401	022500401	Line Section	Voltage	2023	120.5	V	0.95	VPU	Undervoltage	114.70	0.952	N/A	4.81%	Undervoltage	114.70	0.952	N/A	4.81%	N/A	N/A	N/A	N/A	N/A															
GNA_22500402_Voltage	Martin (SF H)	San Francisco	Bay Area	TARAVAL 0402	022500402	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.50	0.967	N/A	3.32%	Undervoltage	116.50	0.967	N/A	3.32%	N/A	N/A	N/A	N/A	N/A															
GNA_22500403_Voltage	Martin (SF H)	San Francisco	Bay Area	TARAVAL 0403	022500403	Line Section	Voltage	2023	120.5	V	0.94	VPU	Undervoltage	113.70	0.944	N/A	5.64%	Undervoltage	113.70	0.944	N/A	5.64%	N/A	N/A	N/A	N/A	N/A															
GNA_22510401_Voltage	Martin (SF H)	San Francisco	Bay Area	NORIEGA 0401	022510401	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.20	0.956	N/A	4.40%	Undervoltage	115.20	0.956	N/A	4.40%	N/A	N/A	N/A	N/A	N/A															
GNA_22530401_Voltage	Larkin	San Francisco	Bay Area	6TH AVENUE 0401	022530401	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.90	0.970	N/A	2.99%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A															
GNA_22550401_Voltage	Martin (SF H)	San Francisco	Bay Area	21ST AVENUE 0401	022550401	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.40	0.974	N/A	2.57%	Undervoltage	117.40	0.974	N/A	2.57%	N/A	N/A	N/A	N/A	N/A															
GNA_22550402_Voltage	Mission	San Francisco	Bay Area	21ST AVENUE 0402	022550402	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.50	0.975	N/A	2.49%	Undervoltage	117.50	0.975	N/A	2.49%	Undervoltage	117.70	0.977	N/A	2.32%															
GNA_22550403_Voltage	Martin (SF H)	San Francisco	Bay Area	21ST AVENUE 0403	022550403	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.80	0.961	N/A	3.90%	Undervoltage	115.80	0.961	N/A	3.90%	N/A	N/A	N/A	N/A	N/A															
GNA_22580401_Voltage	Martin (SF H)	San Francisco	Bay Area	OCEAN 0401	022580401	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.40	0.958	N/A	4.23%	Undervoltage	115.40	0.958	N/A	4.23%	N/A																			

GNA_62831101_Voltage	North Colusa	Sacramento	North Valley and Sierra	RICE 1101	062831101	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.50	0.975	N/A	2.49%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_62831103_Voltage	North Colusa	Sacramento	North Valley and Sierra	RICE 1103	062831103	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.10	0.963	N/A	3.65%	Undervoltage	116.40	0.966	N/A	3.40%	N/A	N/A	N/A	N/A
GNA_63171103_Voltage	Yolo AG (West)	Sacramento	North Valley and Sierra	MADISON 1103	063171103	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	114.90	0.954	N/A	4.65%	Undervoltage	113.80	0.944	N/A	5.56%	Undervoltage	115.10	0.955	N/A
GNA_63171105_Voltage	Yolo AG (West)	Sacramento	North Valley and Sierra	MADISON 1105	063171105	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.90	0.962	N/A	3.82%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_63191106_Voltage	Yolo AG (North)	Sacramento	North Valley and Sierra	ZAMORA 1106	063191106	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.30	0.973	N/A	2.66%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_63191107_Voltage	Yolo AG (North)	Sacramento	North Valley and Sierra	ZAMORA 1107	063191107	Line Section	Voltage	2023	120.5	V	0.95	VPU	Undervoltage	113.90	0.945	N/A	5.48%	Undervoltage	113.90	0.945	N/A	5.48%	Undervoltage	114.00	0.946	N/A
GNA_63441101_Voltage	Woodland	Sacramento	North Valley and Sierra	PLAINFIELD 1101	063441101	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.50	0.975	N/A	2.49%	Undervoltage	117.30	0.973	N/A	2.66%	Undervoltage	117.20	0.973	N/A
GNA_63441106_Voltage	Woodland	Sacramento	North Valley and Sierra	PLAINFIELD 1106	063441106	Line Section	Voltage	2023	120.5	V	0.93	VPU	Undervoltage	111.50	0.925	N/A	7.47%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_63601104_Voltage	Vacaville	Sacramento	North Valley and Sierra	VACAVILLE 1104	063601104	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.70	0.977	N/A	2.32%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_63642105_Voltage	Peabody	Sacramento	North Valley and Sierra	PEABODY 2105	063642105	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.90	0.970	N/A	2.99%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_63681105_Voltage	Yolo AG (West)	Sacramento	North Valley and Sierra	PUTAH CREEK 1105	063681105	Line Section	Voltage	2023	120.5	V	0.95	VPU	Undervoltage	114.10	0.947	N/A	5.31%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_82021107_Voltage	Los Gatos	De Anza	South Bay and Central Coast	LOS GATOS 1107	082021107	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.30	0.973	N/A	2.66%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_82031106_Voltage	Mountain View	De Anza	South Bay and Central Coast	MOUNTAIN VIEW 1106	082031106	Line Section	Voltage	2023	120.5	V	0.71	VPU	Undervoltage	85.60	0.710	N/A	28.96%	Undervoltage	85.60	0.710	N/A	28.96%	Undervoltage	85.50	0.710	N/A
GNA_82250408_Voltage	Downtown San Jose 4 KV	San Jose	South Bay and Central Coast	SAN JOSE A 0408	082250408	Line Section	Voltage	2023	120.5	V	0.92	VPU	Undervoltage	110.50	0.917	N/A	8.30%	Undervoltage	110.40	0.916	N/A	8.38%	N/A	N/A	N/A	N/A
GNA_82250410_Voltage	Downtown San Jose 4 KV	San Jose	South Bay and Central Coast	SAN JOSE A 0410	082250410	Line Section	Voltage	2023	120.5	V	0.95	VPU	Undervoltage	114.80	0.953	N/A	4.73%	Undervoltage	115.00	0.954	N/A	4.56%	N/A	N/A	N/A	N/A
GNA_82831108_Voltage	Milpitas 12 KV	San Jose	South Bay and Central Coast	MILPITAS 1108	082831108	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.00	0.963	N/A	3.73%	Undervoltage	116.60	0.968	N/A	3.24%	N/A	N/A	N/A	N/A
GNA_83192101_Voltage	Watsonville (12/21KV)	Central Coast	South Bay and Central Coast	GREEN VALLEY 2101	083192101	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.50	0.975	N/A	2.49%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_83192104_Voltage	Watsonville (12/21KV)	Central Coast	South Bay and Central Coast	GREEN VALLEY 2104	083192104	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.90	0.978	N/A	2.16%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_83371110_Voltage	Cupertino	De Anza	South Bay and Central Coast	SARATOGA 1110	083371110	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.80	0.969	N/A	3.07%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_83371114_Voltage	Cupertino	De Anza	South Bay and Central Coast	SARATOGA 1114	083371114	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.80	0.978	N/A	2.24%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_83431109_Voltage	West San Jose	San Jose	South Bay and Central Coast	HICKS 1109	083431109	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.10	0.972	N/A	2.82%	Undervoltage	117.00	0.971	N/A	2.90%	N/A	N/A	N/A	N/A
GNA_83431111_Voltage	West San Jose	San Jose	South Bay and Central Coast	HICKS 1111	083431111	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.20	0.973	N/A	2.74%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_102211103_Voltage	Bucks Creek	North Valley	North Valley and Sierra	BUCKS CREEK 1103	102211103	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.00	0.971	N/A	2.90%	Undervoltage	116.70	0.968	N/A	3.15%	N/A	N/A	N/A	N/A
GNA_102601101_Voltage	Orland	North Valley	North Valley and Sierra	GLENN 1101	102601101	Line Section	Voltage	2023	120.5	V	0.48	VPU	Undervoltage	56.40	0.468	N/A	53.20%	Undervoltage	57.50	0.477	N/A	52.28%	N/A	N/A	N/A	N/A
GNA_102812101_Voltage	Lake Almanor	North Valley	North Valley and Sierra	BIG MEADOWS 2101	102812101	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.50	0.959	N/A	4.15%	Undervoltage	115.40	0.958	N/A	4.23%	N/A	N/A	N/A	N/A
GNA_102971111_Voltage	Chico	North Valley	North Valley and Sierra	SYCAMORE CREEK 1111	102971111	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.50	0.975	N/A	2.49%	Undervoltage	117.50	0.975	N/A	2.49%	Undervoltage	117.90	0.978	N/A
GNA_103142102_Voltage	Willows	North Valley	North Valley and Sierra	LOGAN CREEK 2102	103142102	Line Section	Voltage	2023	120.5	V	0.95	VPU	Undervoltage	114.90	0.954	N/A	4.65%	Undervoltage	114.50	0.950	N/A	4.98%	N/A	N/A	N/A	N/A
GNA_103211102_Voltage	Gridley	North Valley	North Valley and Sierra	HONCUT 1102	103211102	Line Section	Voltage	2023	120.5	V	0.95	VPU	Undervoltage	111.70	0.927	N/A	7.30%	Undervoltage	111.80	0.928	N/A	7.22%	Undervoltage	114.30	0.949	N/A
GNA_103331101_Voltage	Corning 12 KV	North Valley	North Valley and Sierra	CORNING 1101	103331101	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.20	0.973	N/A	2.74%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_103331102_Voltage	Corning 12 KV	North Valley	North Valley and Sierra	CORNING 1102	103331102	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.10	0.972	N/A	2.82%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_103331104_Voltage	Corning 12 KV	North Valley	North Valley and Sierra	CORNING 1104	103331104	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.70	0.977	N/A	2.32%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_103391102_Voltage	Corning 12 KV	North Valley	North Valley and Sierra	GERBER 1102	103391102	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	114.00	0.946	N/A	5.39%	Undervoltage	116.30	0.965	N/A	3.49%	Undervoltage	116.10	0.963	N/A
GNA_103461102_Voltage	Redding	North Valley	North Valley and Sierra	PANORAMA 1102	103461102	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.80	0.978	N/A	2.24%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152061102_Voltage	South Placer	Sierra	North Valley and Sierra	ROCKLIN 1102	152061102	Line Section	Voltage	2023	120.5	V	0.87	VPU	Undervoltage	105.30	0.874	N/A	12.61%	Undervoltage	105.10	0.872	N/A	12.78%	N/A	N/A	N/A	N/A
GNA_152151103_Voltage	Bear River	Sierra	North Valley and Sierra	EAST NICOLAUS 1103	152151103	Line Section	Voltage	2023	120.5	V	0.94	VPU	Undervoltage	113.40	0.941	N/A	5.89%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152271102_Voltage	North Placer	Sierra	North Valley and Sierra	WISE 1102	152271102	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.60	0.976	N/A	2.41%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152691103_Voltage	Central Nevada	Sierra	North Valley and Sierra	HIGGINS 1103	152691103	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.80	0.978	N/A	2.24%	Undervoltage	117.90	0.978	N/A	2.16%	N/A	N/A	N/A	N/A
GNA_152691109_Voltage	Central Nevada	Sierra	North Valley and Sierra	HIGGINS 1109	152691109	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.80	0.969	N/A	3.07%	Undervoltage	116.80	0.969	N/A	3.07%	Undervoltage	116.60	0.968	N/A
GNA_153132101_Voltage	Narrows	Sierra	North Valley and Sierra	NARROWS 2101	153132101	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.70	0.977	N/A	2.32%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153662102_Voltage	Apple to Echo	Sierra	North Valley and Sierra	APPLE HILL 2102	153662102	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.80	0.978	N/A	2.24%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153732107_Voltage	Bear River	Sierra	North Valley and Sierra	PLUMAS 2107	153732107	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.10	0.955	N/A	4.48%	Undervoltage	114.20	0.948	N/A	5.23%	N/A	N/A	N/A	N/A
GNA_162071104_Voltage	Linden	Stockton	Central Valley	LINDEN 1104	162071104	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	116.00	0.963	N/A	3.73%	Undervoltage	114.70	0.952	N/A	4.81%	N/A	N/A	N/A	N/A
GNA_162081102_Voltage	Lodi	Stockton	Central Valley	NEW HOPE 1102	162081102	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.00	0.971	N/A	2.90%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_162111101_Voltage	Lodi	Stockton	Central Valley	LODI 1101	162111101	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.80	0.978	N/A	2.24%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_162111102_Voltage	Lodi	Stockton	Central Valley	LODI 1102	162111102	Line Section	Voltage	2023	120.5	V	0.95	VPU	Undervoltage	114.80	0.953	N/A	4.73%	Undervoltage	114.70	0.952	N/A	4.81%	N/A	N/A	N/A	N/A
GNA_162211101_Voltage	Jackson	Stockton	Central Valley	CALAVERAS CEMENT 1101	162211101	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	116.10	0.963	N/A	3.65%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_162471103_Voltage	Tracy	Stockton	Central Valley	BANTA 1103	162471103	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.30	0.965	N/A	3.49%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_162771101_Voltage	Tracy	Stockton	Central Valley	LAMMERS 1101	162771101	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	116.50	0.967	N/A	3.32%	Undervoltage	116.50	0.967	N/A	3.32%	Undervoltage	117.90	0.978	N/A
GNA_162981703_Voltage	Oakdale	Yosemite	Central Valley	VALLEY HOME 1703	162981703	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.50	0.975	N/A	2.49%	Undervoltage	117.50	0.975	N/A	2.49%	N/A	N/A	N/A	N/A
GNA_163111102_Voltage	Newman	Yosemite	Central Valley	GUSTINE 1102	163111102	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.60	0.959	N/A	4.07%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163120402_Voltage	North Stockton 4 KV	Stockton	Central Valley	COUNTRY CLUB 0402	163120402	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.80	0.969	N/A	3.07%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163251101_Voltage	Newman	Yosemite	Central Valley	CROWS LANDING 1101	163251101	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.60	0.976	N/A	2.41%	Undervoltage	117.70	0.977	N/A	2.32%	Undervoltage	117.70	0.977	N/A
GNA_163281102_Voltage	Lodi	Stockton	Central Valley	VICTOR 1102	163281102	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.40	0.966	N/A	3.40%	Undervoltage	115.50	0.959	N/A	4.15%	Undervoltage	116.60	0.968	N/A
GNA_163481102_Voltage	South Stockton 12 KV	Stockton	Central Valley	WEBER 1102	163481102	Line Section																				

GNA_183041101_Voltage	Santa Ynez	Los Padres	South Bay and Central Coast	BUELLTON 1101	183041101	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.40	0.958	N/A	4.23%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_183052112_Voltage	Paso Robles	Los Padres	South Bay and Central Coast	TEMPLETON 2112	183052112	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.80	0.961	N/A	3.90%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192221102_Voltage	Garberville	Humboldt	North Coast	GARBERVILLE 1102	192221102	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.30	0.965	N/A	3.49%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252041107_Voltage	Clovis	Fresno	Central Valley	AIRWAYS 1107	252041107	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.50	0.975	N/A	2.49%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252052119_Voltage	Central Fresno	Fresno	Central Valley	ASHLAN AVENUE 2119	252052119	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.90	0.970	N/A	2.99%	Undervoltage	116.90	0.970	N/A	2.99%	N/A	N/A	N/A	N/A	N/A
GNA_252171106_Voltage	Corcoran	Fresno	Central Valley	CORCORAN 1106	252171106	Line Section	Voltage	2023	120.5	V	0.94	VPU	Undervoltage	113.30	0.940	N/A	5.98%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252211102_Voltage	Kerman	Fresno	Central Valley	BIOLA 1102	252211102	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.20	0.973	N/A	2.74%	Undervoltage	117.20	0.973	N/A	2.74%	N/A	N/A	N/A	N/A	N/A
GNA_252211103_Voltage	Kerman	Fresno	Central Valley	BIOLA 1103	252211103	Line Section	Voltage	2023	120.5	V	0.93	VPU	Undervoltage	109.60	0.910	N/A	9.05%	Undervoltage	112.00	0.929	N/A	7.05%	N/A	N/A	N/A	N/A	N/A
GNA_252261105_Voltage	Atwater	Yosemite	Central Valley	LIVINGSTON 1105	252261105	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.30	0.973	N/A	2.66%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252301102_Voltage	Lemoore	Fresno	Central Valley	CAMDEN 1102	252301102	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.30	0.973	N/A	2.66%	Undervoltage	115.80	0.961	N/A	3.90%	N/A	N/A	N/A	N/A	N/A
GNA_252301104_Voltage	Lemoore	Fresno	Central Valley	CAMDEN 1104	252301104	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.80	0.969	N/A	3.07%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252341104_Voltage	Reedley	Fresno	Central Valley	REEDLEY 1104	252341104	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	116.20	0.964	N/A	3.57%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252381106_Voltage	Coalinga	Fresno	Central Valley	COALINGA NO 2 1106	252381106	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	115.70	0.960	N/A	3.98%	Undervoltage	116.80	0.969	N/A	3.07%	Undervoltage	116.70	0.968	N/A	3.15%
GNA_252451101_Voltage	Chowchilla	Yosemite	Central Valley	EL NIDO 1101	252451101	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.70	0.977	N/A	2.32%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252451104_Voltage	Chowchilla	Yosemite	Central Valley	EL NIDO 1104	252451104	Line Section	Voltage	2023	120.5	V	0.85	VPU	Undervoltage	103.00	0.855	N/A	14.52%	Undervoltage	102.90	0.854	N/A	14.61%	Undervoltage	102.90	0.854	N/A	14.61%
GNA_252461103_Voltage	Wasco	Kern	Central Valley	FAMOSOY 1103	252461103	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.80	0.978	N/A	2.24%	Undervoltage	117.40	0.974	N/A	2.57%	N/A	N/A	N/A	N/A	N/A
GNA_252611101_Voltage	Lerdo	Kern	Central Valley	MIDWAY 1101	252611101	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.20	0.956	N/A	4.40%	Undervoltage	115.50	0.959	N/A	4.15%	N/A	N/A	N/A	N/A	N/A
GNA_252611102_Voltage	Lerdo	Kern	Central Valley	MIDWAY 1102	252611102	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.80	0.969	N/A	3.07%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252661101_Voltage	Henrietta	Fresno	Central Valley	GUERNSEY 1101	252661101	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	115.70	0.960	N/A	3.98%	Undervoltage	116.50	0.967	N/A	3.32%	N/A	N/A	N/A	N/A	N/A
GNA_252661102_Voltage	Henrietta	Fresno	Central Valley	GUERNSEY 1102	252661102	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.50	0.967	N/A	3.32%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252661106_Voltage	Henrietta	Fresno	Central Valley	GUERNSEY 1106	252661106	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.10	0.955	N/A	4.48%	Undervoltage	115.20	0.956	N/A	4.40%	N/A	N/A	N/A	N/A	N/A
GNA_252681104_Voltage	Henrietta	Fresno	Central Valley	HENRIETTA 1104	252681104	Line Section	Voltage	2023	120.5	V	0.91	VPU	Undervoltage	109.80	0.911	N/A	8.88%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252681106_Voltage	Henrietta	Fresno	Central Valley	HENRIETTA 1106	252681106	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	116.00	0.963	N/A	3.73%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252681110_Voltage	Henrietta	Fresno	Central Valley	HENRIETTA 1110	252681110	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.90	0.978	N/A	2.16%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252701104_Voltage	Kerman	Fresno	Central Valley	KEARNEY 1104	252701104	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.70	0.960	N/A	3.98%	Undervoltage	115.80	0.961	N/A	3.90%	N/A	N/A	N/A	N/A	N/A
GNA_252711101_Voltage	Kerman	Fresno	Central Valley	KERMAN 1101	252711101	Line Section	Voltage	2023	120.5	V	0.95	VPU	Undervoltage	114.30	0.949	N/A	5.15%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252711104_Voltage	Kerman	Fresno	Central Valley	KERMAN 1104	252711104	Line Section	Voltage	2023	120.5	V	0.95	VPU	Undervoltage	114.90	0.954	N/A	4.65%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252711106_Voltage	Kerman	Fresno	Central Valley	KERMAN 1106	252711106	Line Section	Voltage	2023	120.5	V	0.91	VPU	Undervoltage	109.50	0.909	N/A	9.13%	Undervoltage	109.50	0.909	N/A	9.13%	Undervoltage	109.50	0.909	N/A	9.13%
GNA_252711108_Voltage	Kerman	Fresno	Central Valley	KERMAN 1108	252711108	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.60	0.976	N/A	2.41%	Undervoltage	117.10	0.972	N/A	2.82%	N/A	N/A	N/A	N/A	N/A
GNA_252821102_Voltage	Arvin	Kern	Central Valley	OLD RIVER 1102	252821102	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.30	0.973	N/A	2.66%	Undervoltage	117.00	0.971	N/A	2.90%	N/A	N/A	N/A	N/A	N/A
GNA_252821103_Voltage	Arvin	Kern	Central Valley	OLD RIVER 1103	252821103	Line Section	Voltage	2023	120.5	V	0.93	VPU	Undervoltage	111.50	0.925	N/A	7.47%	Undervoltage	111.60	0.926	N/A	7.39%	N/A	N/A	N/A	N/A	N/A
GNA_252821105_Voltage	Arvin	Kern	Central Valley	OLD RIVER 1105	252821105	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.60	0.959	N/A	4.07%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252841101_Voltage	Reedley	Fresno	Central Valley	OROSI 1101	252841101	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.40	0.974	N/A	2.57%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252861104_Voltage	Lerdo	Kern	Central Valley	RIO BRAVO 1104	252861104	Line Section	Voltage	2023	120.5	V	0.61	VPU	Undervoltage	73.10	0.607	N/A	39.34%	Undervoltage	73.10	0.607	N/A	39.34%	N/A	N/A	N/A	N/A	N/A
GNA_252861106_Voltage	Lerdo	Kern	Central Valley	RIO BRAVO 1106	252861106	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.80	0.978	N/A	2.24%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252891105_Voltage	Gates	Fresno	Central Valley	SCHINDLER 1105	252891105	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.40	0.974	N/A	2.57%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252891110_Voltage	Gates	Fresno	Central Valley	SCHINDLER 1110	252891110	Line Section	Voltage	2023	120.5	V	0.90	VPU	Undervoltage	108.20	0.898	N/A	10.21%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252891111_Voltage	Gates	Fresno	Central Valley	SCHINDLER 1111	252891111	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.50	0.967	N/A	3.32%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252891112_Voltage	Gates	Fresno	Central Valley	SCHINDLER 1112	252891112	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.60	0.968	N/A	3.24%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252921108_Voltage	Stone Corral	Fresno	Central Valley	STONE CORRAL 1108	252921108	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.50	0.959	N/A	4.15%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252931102_Voltage	Arvin	Kern	Central Valley	TEJON 1102	252931102	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.60	0.959	N/A	4.07%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252931103_Voltage	Arvin	Kern	Central Valley	TEJON 1103	252931103	Line Section	Voltage	2023	120.5	V	0.94	VPU	Undervoltage	113.80	0.944	N/A	5.56%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252931105_Voltage	Arvin	Kern	Central Valley	TEJON 1105	252931105	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.40	0.966	N/A	3.40%	Undervoltage	116.40	0.966	N/A	3.40%	Undervoltage	116.40	0.966	N/A	3.40%
GNA_252931106_Voltage	Arvin	Kern	Central Valley	TEJON 1106	252931106	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.70	0.968	N/A	3.15%	Undervoltage	116.70	0.968	N/A	3.15%	Undervoltage	116.70	0.968	N/A	3.15%
GNA_252971102_Voltage	Lamont	Kern	Central Valley	WEEDPATCH 1102	252971102	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.70	0.968	N/A	3.15%	Undervoltage	116.80	0.969	N/A	3.07%	N/A	N/A	N/A	N/A	N/A
GNA_252971106_Voltage	Lamont	Kern	Central Valley	WEEDPATCH 1106	252971106	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.10	0.972	N/A	2.82%	Undervoltage	117.10	0.972	N/A	2.82%	N/A	N/A	N/A	N/A	N/A
GNA_253161106_Voltage	Gates	Fresno	Central Valley	HURON 1106	253161106	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.70	0.977	N/A	2.32%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253191102_Voltage	Arvin	Kern	Central Valley	SAN BERNARD 1102	253191102	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.00	0.963	N/A	3.73%	Undervoltage	116.40	0.966	N/A	3.40%	Undervoltage	116.40	0.966	N/A	3.40%
GNA_253391104_Voltage	Urban Bakersfield Northwest	Kern	Central Valley	FRUITVALE 1104	253391104	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.40	0.974	N/A	2.57%	Undervoltage	117.20	0.973	N/A	2.74%	Undervoltage	117.40	0.974	N/A	2.57%
GNA_253401104_Voltage	Mendota	Yosemite	Central Valley	HAMMONDS 1104	253401104	Line Section	Voltage	2023	120.5	V	0.89	VPU	Undervoltage	106.80	0.886	N/A	11.37%	N/A	N/A	N/A	N/A	N/A	Undervoltage	104.60	0.868	N/A	13.20%
GNA_253411102_Voltage	Arvin	Kern	Central Valley	LAKEVIEW 1102	253411102	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	114.10	0.947	N/A	5.31%	Undervoltage	113.90	0.945	N/A	5.48%	Undervoltage	115.60	0.959	N/A	4.07%
GNA_253441103_Voltage	Gates	Fresno	Central Valley	CALFLAX 1103	253441103	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.50	0.959	N/A	4.15%	Undervoltage	115.40	0.958	N/A	4.23%	Undervoltage	115.10	0.955	N/A	4.48%
GNA_253441104_Voltage	Gates	Fresno	Central Valley	CALFLAX 1104	253441104	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117													

GNA_254531108_Voltage	Reedley	Fresno	Central Valley	WAHTOKE 1108	254531108	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	117.00	0.971	N/A	2.90%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254541103_Voltage	Wasco	Kern	Central Valley	GANSO 1103	254541103	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.80	0.961	N/A	3.90%	Undervoltage	115.80	0.961	N/A	3.90%	N/A	N/A	N/A	N/A	N/A
GNA_254541104_Voltage	Wasco	Kern	Central Valley	GANSO 1104	254541104	Line Section	Voltage	2023	120.5	V	0.92	VPU	Undervoltage	111.40	0.924	N/A	7.55%	N/A	N/A	N/A	N/A	N/A	Undervoltage	109.00	0.905	N/A	9.54%
GNA_254561104_Voltage	Leardo	Kern	Central Valley	TUPMAN 1104	254561104	Line Section	Voltage	2023	120.5	V	0.95	VPU	Undervoltage	114.10	0.947	N/A	5.31%	Undervoltage	114.80	0.953	N/A	4.73%	N/A	N/A	N/A	N/A	N/A
GNA_254702104_Voltage	Atwater	Yosemite	Central Valley	CRESSEY 2104	254702104	Line Section	Voltage	2023	120.5	V	0.94	VPU	Undervoltage	113.10	0.939	N/A	6.14%	Undervoltage	113.10	0.939	N/A	6.14%	Undervoltage	113.10	0.939	N/A	6.14%
GNA_254771101_Voltage	Henrietta	Fresno	Central Valley	JACOBS CORNER 1101	254771101	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.30	0.957	N/A	4.32%	Undervoltage	115.00	0.954	N/A	4.56%	N/A	N/A	N/A	N/A	N/A
GNA_254771102_Voltage	Henrietta	Fresno	Central Valley	JACOBS CORNER 1102	254771102	Line Section	Voltage	2023	120.5	V	0.98	VPU	Undervoltage	117.80	0.978	N/A	2.24%	Undervoltage	112.30	0.932	N/A	6.80%	Undervoltage	112.20	0.931	N/A	6.89%
GNA_255121101_Voltage	Storey	Yosemite	Central Valley	BORDEN 1101	255121101	Line Section	Voltage	2023	120.5	V	0.95121101	VPU	Undervoltage	117.50	0.975	N/A	2.49%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_255121103_Voltage	Storey	Yosemite	Central Valley	BORDEN 1103	255121103	Line Section	Voltage	2023	120.5	V	0.97	VPU	Undervoltage	116.70	0.968	N/A	3.15%	Undervoltage	117.20	0.973	N/A	2.74%	Undervoltage	117.20	0.973	N/A	2.74%
GNA_255371106_Voltage	Oro Loma	Yosemite	Central Valley	ORO LOMA 1106	255371106	Line Section	Voltage	2023	120.5	V	0.96	VPU	Undervoltage	115.50	0.959	N/A	4.15%	Undervoltage	115.50	0.959	N/A	4.15%	N/A	N/A	N/A	N/A	N/A
GNA_12330403_Voltage	Richmond South	East Bay	Bay Area	MIRA VISTA 0403	012330403	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.90	0.970	N/A	2.99%	N/A	N/A	N/A	N/A	N/A
GNA_13432207_Voltage	Concord	Diablo	Bay Area	FAIRVIEW 2207	013432207	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.70	0.968	N/A	3.15%	N/A	N/A	N/A	N/A	N/A
GNA_13751102_Voltage	Tri-Valley	Mission	Bay Area	VASCO 1102	013751102	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.30	0.965	N/A	3.49%	N/A	N/A	N/A	N/A	N/A
GNA_13761101_Voltage	Hayward	Mission	Bay Area	MT EDEN 1101	013761101	Line Section	Voltage	2024	120.5	V	0.96	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	115.80	0.961	N/A	3.90%	N/A	N/A	N/A	N/A	N/A
GNA_22100401_Voltage	Martin (SF H)	San Francisco	Bay Area	MARTIN (SF H) 0401	022100401	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.30	0.973	N/A	2.66%	Undervoltage	116.30	0.965	N/A	3.49%
GNA_22101110_Voltage	Martin (SF H)	San Francisco	Bay Area	MARTIN (SF H) 1110	022101110	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.90	0.978	N/A	2.16%	Undervoltage	117.90	0.978	N/A	2.16%
GNA_22470401_Voltage	Martin (SF H)	San Francisco	Bay Area	ACTON 0401	022470401	Line Section	Voltage	2024	120.5	V	0.96	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	115.60	0.959	N/A	4.07%	Undervoltage	115.40	0.958	N/A	4.23%
GNA_22470402_Voltage	Martin (SF H)	San Francisco	Bay Area	ACTON 0402	022470402	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.60	0.968	N/A	3.24%	Undervoltage	116.50	0.967	N/A	3.32%
GNA_22530401_Voltage	Larkin	San Francisco	Bay Area	6TH AVENUE 0401	022530401	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.80	0.969	N/A	3.07%	Undervoltage	116.70	0.968	N/A	3.15%
GNA_22670401_Voltage	Martin (SF H)	San Francisco	Bay Area	SILVER 0401	022670401	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.20	0.973	N/A	2.74%	Undervoltage	117.00	0.971	N/A	2.90%
GNA_24011104_Voltage	Central Peninsula 12 KV	Peninsula	Bay Area	BAY MEADOWS 1104	024011104	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.90	0.978	N/A	2.16%	N/A	N/A	N/A	N/A	N/A
GNA_24020409_Voltage	South Peninsula 4 KV	Peninsula	Bay Area	BELLE HAVEN 0409	024020409	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.70	0.977	N/A	2.32%	N/A	N/A	N/A	N/A	N/A
GNA_24021105_Voltage	South Pen East 12 KV	Peninsula	Bay Area	BELLE HAVEN 1105	024021105	Line Section	Voltage	2024	120.5	V	0.95	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	115.00	0.954	N/A	4.56%	N/A	N/A	N/A	N/A	N/A
GNA_24021106_Voltage	South Pen East 12 KV	Peninsula	Bay Area	BELLE HAVEN 1106	024021106	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.80	0.978	N/A	2.24%	N/A	N/A	N/A	N/A	N/A
GNA_24030401_Voltage	Central Peninsula 12 KV	Peninsula	Bay Area	BELMONT 0401	024030401	Line Section	Voltage	2024	120.5	V	0.94	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	113.50	0.942	N/A	5.81%	N/A	N/A	N/A	N/A	N/A
GNA_24050403_Voltage	Central Peninsula 21 KV	Peninsula	Bay Area	BURLINGAME 0403	024050403	Line Section	Voltage	2024	120.5	V	0.4950403	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.00	0.971	N/A	2.90%	N/A	N/A	N/A	N/A	N/A
GNA_24080402_Voltage	South Peninsula 4 KV	Peninsula	Bay Area	EMERALD LAKE 0402	024080402	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.30	0.973	N/A	2.66%	N/A	N/A	N/A	N/A	N/A
GNA_24110401_Voltage	Central Peninsula 4 KV	Peninsula	Bay Area	HILLSDALE 0401	024110401	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.90	0.978	N/A	2.16%	N/A	N/A	N/A	N/A	N/A
GNA_24130401_Voltage	South Peninsula 4 KV	Peninsula	Bay Area	MENLO 0401	024130401	Line Section	Voltage	2024	120.5	V	0.96	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	115.90	0.962	N/A	3.82%	N/A	N/A	N/A	N/A	N/A
GNA_24130404_Voltage	South Peninsula 4 KV	Peninsula	Bay Area	MENLO 0404	024130404	Line Section	Voltage	2024	120.5	V	0.94	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	113.60	0.943	N/A	5.73%	N/A	N/A	N/A	N/A	N/A
GNA_24141101_Voltage	Central Peninsula 12 KV	Peninsula	Bay Area	RALSTON 1101	024141101	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.90	0.970	N/A	2.99%	N/A	N/A	N/A	N/A	N/A
GNA_24160409_Voltage	South Pen East 12 KV	Peninsula	Bay Area	REDWOOD CITY 0409	024160409	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.90	0.970	N/A	2.99%	N/A	N/A	N/A	N/A	N/A
GNA_24190410_Voltage	Central Peninsula 4 KV	Peninsula	Bay Area	SAN MATEO 0410	024190410	Line Section	Voltage	2024	120.5	V	0.96	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	115.10	0.955	N/A	4.48%	N/A	N/A	N/A	N/A	N/A
GNA_42141102_Voltage	Clearlake (West)	Humboldt	North Coast	CLEAR LAKE 1102	021411102	Line Section	Voltage	2024	120.5	V	0.96	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	115.60	0.959	N/A	4.07%	N/A	N/A	N/A	N/A	N/A
GNA_42450411_Voltage	Vallejo	North Bay	North Valley and Sierra	VALLEJO B 0411	042450411	Line Section	Voltage	2024	120.5	V	0.90	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	109.00	0.905	N/A	9.54%	N/A	N/A	N/A	N/A	N/A
GNA_42450413_Voltage	Vallejo	North Bay	North Valley and Sierra	VALLEJO B 0413	042450413	Line Section	Voltage	2024	120.5	V	0.91	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	108.40	0.900	N/A	10.04%	Undervoltage	109.50	0.909	N/A	9.13%
GNA_42450414_Voltage	Vallejo	North Bay	North Valley and Sierra	VALLEJO B 0414	042450414	Line Section	Voltage	2024	120.5	V	0.91	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	109.10	0.905	N/A	9.46%	Undervoltage	110.00	0.913	N/A	8.71%
GNA_42450415_Voltage	Vallejo	North Bay	North Valley and Sierra	VALLEJO B 0415	042450415	Line Section	Voltage	2024	120.5	V	0.88	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	106.20	0.881	N/A	11.87%	N/A	N/A	N/A	N/A	N/A
GNA_42451101_Voltage	Vallejo	North Bay	North Valley and Sierra	VALLEJO B 1101	042451101	Line Section	Voltage	2024	120.5	V	0.94	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	111.80	0.928	N/A	7.22%	Undervoltage	112.70	0.935	N/A	6.47%
GNA_42461101_Voltage	Napa	North Bay	North Valley and Sierra	BASALT 1101	042461101	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.80	0.978	N/A	2.24%	N/A	N/A	N/A	N/A	N/A
GNA_42481105_Voltage	Marin (Northern)	North Bay	North Valley and Sierra	IGNACIO 1105	042481105	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.90	0.978	N/A	2.16%	N/A	N/A	N/A	N/A	N/A
GNA_42561102_Voltage	Fitch Mountain/Fulton	Sonoma	North Coast	FULTON 1102	042561102	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.80	0.978	N/A	2.24%	N/A	N/A	N/A	N/A	N/A
GNA_42561107_Voltage	Fitch Mountain/Fulton	Sonoma	North Coast	FULTON 1107	042561107	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	114.50	0.950	N/A	4.98%	Undervoltage	117.00	0.971	N/A	2.90%
GNA_42651102_Voltage	Vallejo	North Bay	North Valley and Sierra	HIGHWAY 1102	042651102	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.80	0.978	N/A	2.24%	N/A	N/A	N/A	N/A	N/A
GNA_42651107_Voltage	Vallejo	North Bay	North Valley and Sierra	HIGHWAY NEW 1107 (2021)	042651107	Line Section	Voltage	2024	120.5	V	0.94	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	112.70	0.935	N/A	6.47%	Undervoltage	112.30	0.932	N/A	6.80%
GNA_43211101_Voltage	Clearlake (West)	Humboldt	North Coast	HARTLEY 1101	043211101	Line Section	Voltage	2024	120.5	V	0.95	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	114.50	0.950	N/A	4.98%	N/A	N/A	N/A	N/A	N/A
GNA_43361103_Voltage	Clearlake (East)	Humboldt	North Coast	HIGHLANDS 1103	043361103	Line Section	Voltage	2024	120.5	V	0.96	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	115.20	0.956	N/A	4.40%	N/A	N/A	N/A	N/A	N/A
GNA_43432105_Voltage	Silverado	North Bay	North Valley and Sierra	SILVERADO 2105	043432105	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.80	0.978	N/A	2.24%	N/A	N/A	N/A	N/A	N/A
GNA_62131104_Voltage	Suisun/Cordelia	Sacramento	North Valley and Sierra	SUISUN 1104	062131104	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.70	0.977	N/A	2.32%	N/A	N/A	N/A	N/A	N/A
GNA_63191106_Voltage	Yolo AG (North)	Sacramento	North Valley and Sierra	ZAMORA 1106	063191106	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.30	0.973	N/A	2.66%	N/A	N/A	N/A	N/A	N/A
GNA_63441106_Voltage	Woodland	Sacramento	North Valley and Sierra	PLAINFIELD 1106	063441106	Line Section	Voltage	2024	120.5	V	0.92	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	111.40	0.924	N/A	7.55%	N/A	N/A	N/A	N/A	N/A
GNA_63591105_Voltage	Vacaville	Sacramento	North Valley and Sierra	VACA DIXON 1105	063591105	Line Section	Voltage	2024	120.5	V	0.963591105	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.70	0.977	N/A	2.32%	N/A	N/A	N/A	N/A	N/A
GNA_82160403_Voltage	Los Altos (4KV)	De Anza	South Bay and Central Coast	LOYOLA 0403	082160403	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.70	0.977	N/A	2.32					

GNA_182811104_Voltage	Sisquoc	Los Padres	South Bay and Central Coast	SISQUOC 1104	182811104	Line Section	Voltage	2024	120.5	V	0.94	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	113.40	0.941	N/A	5.89%	N/A	N/A	N/A	N/A	N/A	
GNA_192221102_Voltage	Garberville	Humboldt	North Coast	GARBERVILLE 1102	192221102	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.80	0.978	N/A	2.24%	N/A	N/A	N/A	N/A	N/A	
GNA_192401101_Voltage	Willow Creek	Humboldt	North Coast	WOOPA 1101	192401101	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.90	0.978	N/A	2.16%	Undervoltage	117.70	0.977	N/A	2.32%	
GNA_252171108_Voltage	Corcoran	Fresno	Central Valley	CORCORAN 1108	252171108	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.60	0.968	N/A	3.24%	N/A	N/A	N/A	N/A	N/A	
GNA_252261105_Voltage	Atwater	Yosemite	Central Valley	LIVINGSTON 1105	252261105	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.80	0.978	N/A	2.24%	Undervoltage	117.90	0.978	N/A	2.16%	
GNA_252301104_Voltage	Lemoore	Fresno	Central Valley	CAMDEN 1104	252301104	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.80	0.969	N/A	3.07%	N/A	N/A	N/A	N/A	N/A	
GNA_252381107_Voltage	Coalinga	Fresno	Central Valley	COALINGA NO 2 1107	252381107	Line Section	Voltage	2024	120.5	V	0.76	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	92.10	0.764	N/A	23.57%	Undervoltage	92.10	0.764	N/A	23.57%	
GNA_252421111_Voltage	Chowchilla	Yosemite	Central Valley	DAIRYLAND 1111	252421111	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.70	0.977	N/A	2.32%	N/A	N/A	N/A	N/A	N/A	
GNA_252661102_Voltage	Henrietta	Fresno	Central Valley	GUERNSEY 1102	252661102	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.50	0.967	N/A	3.32%	Undervoltage	116.60	0.968	N/A	3.24%	
GNA_252661103_Voltage	Henrietta	Fresno	Central Valley	GUERNSEY 1103	252661103	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.30	0.973	N/A	2.66%	N/A	N/A	N/A	N/A	N/A	
GNA_252681104_Voltage	Henrietta	Fresno	Central Valley	HENRIETTA 1104	252681104	Line Section	Voltage	2024	120.5	V	0.92	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	111.40	0.924	N/A	7.55%	N/A	N/A	N/A	N/A	N/A	
GNA_252681110_Voltage	Henrietta	Fresno	Central Valley	HENRIETTA 1110	252681110	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.10	0.972	N/A	2.82%	Undervoltage	117.50	0.975	N/A	2.49%	
GNA_252701110_Voltage	Kerman	Fresno	Central Valley	KEARNEY 1110	252701110	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.60	0.976	N/A	2.41%	Undervoltage	117.50	0.975	N/A	2.49%	
GNA_252711101_Voltage	Kerman	Fresno	Central Valley	KERMAN 1101	252711101	Line Section	Voltage	2024	120.5	V	0.95	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	114.30	0.949	N/A	5.15%	N/A	N/A	N/A	N/A	N/A	
GNA_252721107_Voltage	Urban Bakersfield Northeast	Kern	Central Valley	KERN OIL 1107	252721107	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.80	0.969	N/A	3.07%	N/A	N/A	N/A	N/A	N/A	
GNA_252801108_Voltage	Merced 12 KV	Yosemite	Central Valley	MERCED 1108	252801108	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.40	0.966	N/A	3.40%	Undervoltage	116.60	0.968	N/A	3.24%	
GNA_252821105_Voltage	Arvin	Kern	Central Valley	OLD RIVER 1105	252821105	Line Section	Voltage	2024	120.5	V	0.91	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	110.10	0.914	N/A	8.63%	N/A	N/A	N/A	N/A	N/A	
GNA_252891110_Voltage	Gates	Fresno	Central Valley	SCHINDLER 1110	252891110	Line Section	Voltage	2024	120.5	V	0.90	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	108.10	0.897	N/A	10.29%	N/A	N/A	N/A	N/A	N/A	
GNA_252931102_Voltage	Arvin	Kern	Central Valley	TEJON 1102	252931102	Line Section	Voltage	2024	120.5	V	0.89	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	107.30	0.890	N/A	10.95%	N/A	N/A	N/A	N/A	N/A	
GNA_252931103_Voltage	Arvin	Kern	Central Valley	TEJON 1103	252931103	Line Section	Voltage	2024	120.5	V	0.96	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	115.20	0.956	N/A	4.40%	Undervoltage	115.20	0.956	N/A	4.40%	
GNA_253151102_Voltage	Gates	Fresno	Central Valley	GIFFEN 1102	253151102	Line Section	Voltage	2024	120.5	V	0.96	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.10	0.963	N/A	3.65%	N/A	N/A	N/A	N/A	N/A	
GNA_253191101_Voltage	Arvin	Kern	Central Valley	SAN BERNARD 1101	253191101	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.70	0.977	N/A	2.32%	Undervoltage	117.70	0.977	N/A	2.32%	
GNA_253401104_Voltage	Mendota	Yosemite	Central Valley	HAMMONDS 1104	253401104	Line Section	Voltage	2024	120.5	V	0.88	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	106.10	0.880	N/A	11.95%	N/A	N/A	N/A	N/A	N/A	
GNA_253411107_Voltage	Arvin	Kern	Central Valley	LAKEVIEW 1107 (old 1101)	253411107	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.30	0.973	N/A	2.66%	N/A	N/A	N/A	N/A	N/A	
GNA_253481101_Voltage	Arvin	Kern	Central Valley	WHEELER RIDGE 1101	253481101	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.60	0.968	N/A	3.24%	Undervoltage	116.60	0.968	N/A	3.24%	
GNA_253611102_Voltage	Atwater	Yosemite	Central Valley	ATWATER 1102	253611102	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.50	0.975	N/A	2.49%	Undervoltage	117.40	0.974	N/A	2.57%	
GNA_253611107_Voltage	Atwater	Yosemite	Central Valley	ATWATER 1107	253611107	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.70	0.977	N/A	2.32%	N/A	N/A	N/A	N/A	N/A	
GNA_253651112_Voltage	Lerdo	Kern	Central Valley	SHAFTER 1112 (Old 1101)	253651112	Line Section	Voltage	2024	120.5	V	0.90	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	108.60	0.901	N/A	9.88%	N/A	N/A	N/A	N/A	N/A	
GNA_253671102_Voltage	Mendota	Yosemite	Central Valley	PANOCH 1102	253671102	Line Section	Voltage	2024	120.5	V	0.96	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	110.80	0.920	N/A	8.05%	N/A	N/A	N/A	N/A	N/A	
GNA_253731109_Voltage	South Fresno	Fresno	Central Valley	WEST FRESNO 1109	253731109	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.70	0.977	N/A	2.32%	N/A	N/A	N/A	N/A	N/A	
GNA_253801101_Voltage	Arvin	Kern	Central Valley	ARVIN 1101	253801101	Line Section	Voltage	2024	120.5	V	0.96	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	115.80	0.961	N/A	3.90%	N/A	N/A	N/A	N/A	N/A	
GNA_253881102_Voltage	Merced 12 KV	Yosemite	Central Valley	EL CAPITAN 1102	253881102	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.30	0.965	N/A	3.49%	Undervoltage	116.20	0.964	N/A	3.57%	
GNA_253881103_Voltage	Merced 12 KV	Yosemite	Central Valley	EL CAPITAN 1103	253881103	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.20	0.973	N/A	2.74%	Undervoltage	117.00	0.971	N/A	2.90%	
GNA_253931105_Voltage	Gates	Fresno	Central Valley	GATES 1105	253931105	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.70	0.977	N/A	2.32%	Undervoltage	117.70	0.977	N/A	2.32%	
GNA_254001103_Voltage	Corcoran	Fresno	Central Valley	ALPAUGH 1103	254001103	Line Section	Voltage	2024	120.5	V	0.95	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	103.20	0.856	N/A	14.36%	Undervoltage	114.50	0.950	N/A	4.98%	
GNA_254001104_Voltage	Corcoran	Fresno	Central Valley	ALPAUGH 1104	254001104	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.00	0.971	N/A	2.90%	Undervoltage	117.00	0.971	N/A	2.90%	
GNA_254051104_Voltage	Canal	Yosemite	Central Valley	SANTA NELLA 1104	254051104	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	115.60	0.959	N/A	4.07%	Undervoltage	116.70	0.968	N/A	3.15%	
GNA_254121107_Voltage	Kingsburg	Fresno	Central Valley	MC CALL 1107	254121107	Line Section	Voltage	2024	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.70	0.977	N/A	2.32%	N/A	N/A	N/A	N/A	N/A	
GNA_254251110_Voltage	South Fresno	Fresno	Central Valley	MALAGA 1110	254251110	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.20	0.973	N/A	2.74%	N/A	N/A	N/A	N/A	N/A	
GNA_254291104_Voltage	Lamont	Kern	Central Valley	WELLFIELD 1104	254291104	Line Section	Voltage	2024	120.5	V	0.96	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	115.80	0.961	N/A	3.90%	N/A	N/A	N/A	N/A	N/A	
GNA_254531108_Voltage	Reedley	Fresno	Central Valley	WAHTOKE 1108	254531108	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.00	0.971	N/A	2.90%	N/A	N/A	N/A	N/A	N/A	
GNA_254541104_Voltage	Wasco	Kern	Central Valley	GANSO 1104	254541104	Line Section	Voltage	2024	120.5	V	0.93	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	111.90	0.929	N/A	7.14%	N/A	N/A	N/A	N/A	N/A	
GNA_254601103_Voltage	Dunlap	Fresno	Central Valley	SAND CREEK 1103	254601103	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	116.60	0.968	N/A	3.24%	N/A	N/A	N/A	N/A	N/A	
GNA_255361110_Voltage	Chowchilla	Yosemite	Central Valley	LE GRAND 1110	255361110	Line Section	Voltage	2024	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.30	0.973	N/A	2.66%	N/A	N/A	N/A	N/A	N/A	
GNA_12101104_Voltage	K-X	East Bay	Bay Area	OAKLAND K 1104	012101104	Line Section	Voltage	2025	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.90	0.978	N/A	2.16%
GNA_13761101_Voltage	Hayward	Mission	Bay Area	MT EDEN 1101	013761101	Line Section	Voltage	2025	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.60	0.976	N/A	2.41%
GNA_22390402_Voltage	Potrero	San Francisco	Bay Area	18TH STREET 0402	022390402	Line Section	Voltage	2025	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.90	0.978	N/A	2.16%
GNA_42450411_Voltage	Vallejo	North Bay	North Valley and Sierra	VALLEJO B 0411	042450411	Line Section	Voltage	2025	120.5	V	0.91	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Undervoltage	110.10	0.914	N/A	8.63%
GNA_42450415_Voltage	Vallejo	North Bay	North Valley and Sierra	VALLEJO B 0415	042450415	Line Section	Voltage	2025	120.5	V	0.89	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Undervoltage	107.10	0.889	N/A	11.12%
GNA_42651102_Voltage	Vallejo	North Bay	North Valley and Sierra	HIGHWAY 1102	042651102	Line Section	Voltage	2025	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.50	0.975	N/A	2.49%
GNA_42841111_Voltage	Mendo Coast (South)	Humboldt	North Coast	GUALALA 1111	042841111	Line Section	Voltage	2025	120.5	V	0.98	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.70	0.977	N/A	2.32%
GNA_43361103_Voltage	Clearlake (East)	Humboldt	North Coast	HIGHLANDS 1103	043361103	Line Section	Voltage	2025	120.5	V	0.96	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Undervoltage	115.90	0.962	N/A	3.82%
GNA_62081101_Voltage	South Colusa	Sacramento	Bay Area	ARBUCKLE 1101	062081101	Line Section	Voltage	2025	120.5	V	0.97	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Undervoltage	117.40	0.974	N/A	2.57%
GNA_63441105_Voltage	Woodland	Sacramento	Bay Area	PLAINFIELD 1105																								

GNA_22011207_Voltage	Mission	San Francisco	Bay Area	MISSION (X) 1207	022011207	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.20	1.047	N/A	4.73%
GNA_22011208_Voltage	Mission	San Francisco	Bay Area	MISSION (X) 1208	022011208	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.20	1.047	N/A	4.73%
GNA_22011210_Voltage	Mission	San Francisco	Bay Area	MISSION (X) 1210	022011210	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.10	1.046	N/A	4.65%	Overvoltage	126.10	1.046	N/A	4.65%	Overvoltage	126.10	1.046	N/A	4.65%
GNA_22011211_Voltage	Mission	San Francisco	Bay Area	MISSION (X) 1211	022011211	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.10	1.046	N/A	4.65%	Overvoltage	126.10	1.046	N/A	4.65%	Overvoltage	126.10	1.046	N/A	4.65%
GNA_22011212_Voltage	Mission	San Francisco	Bay Area	MISSION (X) 1212	022011212	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.50	1.050	N/A	4.98%	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.50	1.050	N/A	4.98%
GNA_22011215_Voltage	Mission	San Francisco	Bay Area	MISSION (X) 1215	022011215	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.10	1.046	N/A	4.65%	Overvoltage	126.10	1.046	N/A	4.65%	Overvoltage	126.10	1.046	N/A	4.65%
GNA_22011223_Voltage	Mission	San Francisco	Bay Area	MISSION (X) 1223	022011223	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.20	1.047	N/A	4.73%
GNA_22011224_Voltage	Mission	San Francisco	Bay Area	MISSION (X) 1224	022011224	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.20	1.047	N/A	4.73%
GNA_22011225_Voltage	Mission	San Francisco	Bay Area	MISSION (X) 1225	022011225	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.20	1.047	N/A	4.73%
GNA_22031119_Voltage	Potrero	San Francisco	Bay Area	POTRERO (SF A) 1119	022031119	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.40	1.049	N/A	4.90%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_22071105_Voltage	Potrero	San Francisco	Bay Area	SF E 1105	022071105	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.80	1.052	N/A	5.23%	Overvoltage	126.80	1.052	N/A	5.23%	Overvoltage	126.80	1.052	N/A	5.23%
GNA_22090408_Voltage	Mission	San Francisco	Bay Area	SF G 0408	022090408	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.60	1.051	N/A	5.06%	Overvoltage	126.60	1.051	N/A	5.06%	Overvoltage	126.60	1.051	N/A	5.06%
GNA_22101103_Voltage	Martin (SF H)	San Francisco	Bay Area	MARTIN (SF H) 1103	022101103	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	127.10	1.055	N/A	5.48%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_22101107_Voltage	Martin (SF H)	San Francisco	Bay Area	MARTIN (SF H) 1107	022101107	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.80	1.052	N/A	5.23%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_22700401_Voltage	North Pen East 4 KV	Peninsula	Bay Area	SAN BRUNO 0401	022700401	Line Section	Voltage	2023	120.5	V	1.09	VPU	Overvoltage	131.70	1.093	N/A	9.29%	Overvoltage	131.70	1.093	N/A	9.29%	N/A	N/A	N/A	N/A	N/A
GNA_22811103_Voltage	North Pen West 12 KV	Peninsula	Bay Area	PACIFICA 1103	022811103	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	N/A
GNA_24012102_Voltage	Central Peninsula 21 KV	Peninsula	Bay Area	BAY MEADOWS 2102	024012102	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.30	1.048	N/A	4.81%	Overvoltage	126.30	1.048	N/A	4.81%	N/A	N/A	N/A	N/A	N/A
GNA_24020401_Voltage	South Peninsula 4 KV	Peninsula	Bay Area	BELLE HAVEN 0401	024020401	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	128.00	1.062	N/A	6.22%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_24020403_Voltage	South Peninsula 4 KV	Peninsula	Bay Area	BELLE HAVEN 0403	024020403	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	127.60	1.059	N/A	5.89%	Overvoltage	127.90	1.061	N/A	6.14%	N/A	N/A	N/A	N/A	N/A
GNA_24020409_Voltage	South Peninsula 4 KV	Peninsula	Bay Area	BELLE HAVEN 0409	024020409	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.90	1.053	N/A	5.31%	Overvoltage	126.80	1.052	N/A	5.23%	N/A	N/A	N/A	N/A	N/A
GNA_24030401_Voltage	Central Peninsula 12 KV	Peninsula	Bay Area	BELMONT 0401	024030401	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.50	1.050	N/A	4.98%	Overvoltage	126.50	1.050	N/A	4.98%	N/A	N/A	N/A	N/A	N/A
GNA_24060401_Voltage	Central Peninsula 4 KV	Peninsula	Bay Area	CAROLANDS 0401	024060401	Line Section	Voltage	2023	120.5	V	1.07	VPU	Overvoltage	128.60	1.067	N/A	6.72%	Overvoltage	128.60	1.067	N/A	6.72%	N/A	N/A	N/A	N/A	N/A
GNA_24060404_Voltage	Central Peninsula 4 KV	Peninsula	Bay Area	CAROLANDS 0404	024060404	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.40	1.049	N/A	4.90%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_24101103_Voltage	West Peninsula	Peninsula	Bay Area	HALF MOON BAY 1103	024101103	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	127.50	1.058	N/A	5.81%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_24120401_Voltage	South Peninsula 4 KV	Peninsula	Bay Area	LAS PULGAS 0401	024120401	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.60	1.051	N/A	5.06%	Overvoltage	126.60	1.051	N/A	5.06%	N/A	N/A	N/A	N/A	N/A
GNA_24120402_Voltage	South Peninsula 4 KV	Peninsula	Bay Area	LAS PULGAS 0402	024120402	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.60	1.051	N/A	5.06%	Overvoltage	126.60	1.051	N/A	5.06%	N/A	N/A	N/A	N/A	N/A
GNA_24130401_Voltage	South Peninsula 4 KV	Peninsula	Bay Area	MENLO 0401	024130401	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.40	1.049	N/A	4.90%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_24130402_Voltage	South Peninsula 4 KV	Peninsula	Bay Area	MENLO 0402	024130402	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.50	1.050	N/A	4.98%	Overvoltage	126.50	1.050	N/A	4.98%	N/A	N/A	N/A	N/A	N/A
GNA_24130403_Voltage	South Peninsula 4 KV	Peninsula	Bay Area	MENLO 0403	024130403	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.40	1.049	N/A	4.90%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_24130404_Voltage	South Peninsula 4 KV	Peninsula	Bay Area	MENLO 0404	024130404	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.40	1.049	N/A	4.90%	Overvoltage	126.40	1.049	N/A	4.90%	N/A	N/A	N/A	N/A	N/A
GNA_24131103_Voltage	South Pen West 12KV	Peninsula	Bay Area	MENLO 1103	024131103	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	127.00	1.054	N/A	5.39%	Overvoltage	126.30	1.048	N/A	4.81%	N/A	N/A	N/A	N/A	N/A
GNA_24180404_Voltage	South Peninsula 4 KV	Peninsula	Bay Area	SAN CARLOS 0404	024180404	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.90	1.053	N/A	5.31%	Overvoltage	126.90	1.053	N/A	5.31%	N/A	N/A	N/A	N/A	N/A
GNA_24190404_Voltage	Central Peninsula 4 KV	Peninsula	Bay Area	SAN MATEO 0404	024190404	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	128.00	1.062	N/A	6.22%	Overvoltage	128.00	1.062	N/A	6.22%	N/A	N/A	N/A	N/A	N/A
GNA_24190410_Voltage	Central Peninsula 4 KV	Peninsula	Bay Area	SAN MATEO 0410	024190410	Line Section	Voltage	2023	120.5	V	1.08	VPU	Overvoltage	130.10	1.080	N/A	7.97%	Overvoltage	130.10	1.080	N/A	7.97%	N/A	N/A	N/A	N/A	N/A
GNA_42041102_Voltage	Vallejo	North Bay	North Valley and Sierra	NORTH TOWER 1102	042041102	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.40	1.049	N/A	4.90%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_42041104_Voltage	Vallejo	North Bay	North Valley and Sierra	NORTH TOWER 1104	042041104	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.70	1.051	N/A	5.15%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_42041108_Voltage	Vallejo	North Bay	North Valley and Sierra	NORTH TOWER 1108 (formerly 1101)	042041108	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	128.30	1.065	N/A	6.47%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_42051102_Voltage	Vallejo	North Bay	North Valley and Sierra	PARKWAY 1102	042051102	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.50	1.050	N/A	4.98%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_42451102_Voltage	Vallejo	North Bay	North Valley and Sierra	VALLEJO B 1102	042451102	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	127.50	1.058	N/A	5.81%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_42461106_Voltage	Napa	North Bay	North Valley and Sierra	BASALT 1106	042461106	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	127.50	1.058	N/A	5.81%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_42550401_Voltage	Vallejo	North Bay	North Valley and Sierra	VALLEJO C 0401	042550401	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	128.20	1.064	N/A	6.39%	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.20	1.047	N/A	4.73%
GNA_42651101_Voltage	Vallejo	North Bay	North Valley and Sierra	HIGHWAY 1101	042651101	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.60	1.051	N/A	5.06%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_42651103_Voltage	Vallejo	North Bay	North Valley and Sierra	HIGHWAY 1103	042651103	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	127.00	1.054	N/A	5.39%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_42651104_Voltage	Vallejo	North Bay	North Valley and Sierra	HIGHWAY 1104	042651104	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_42711101_Voltage	Silverado	North Bay	North Valley and Sierra	CALISTOGA 1101	042711101	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.30	1.048	N/A	4.81%	N/A	N/A	N/A	N/A	N/A
GNA_43251101_Voltage	Bahia (or Benicia)	North Bay	North Valley and Sierra	BAHIA 1101	043251101	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.10	1.046	N/A	4.65%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_43251104_Voltage	Bahia (or Benicia)	North Bay	North Valley and Sierra	BAHIA 1104	043251104	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.70	1.051	N/A	5.15%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_43281103_Voltage	Vallejo	North Bay	North Valley and Sierra	CARQUINEZ 1103	043281103	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_43281104_Voltage	Vallejo	North Bay	North Valley and Sierra	CARQUINEZ 1104	043281104	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_43281105_Voltage	Vallejo	North Bay	North Valley and Sierra	CARQUINEZ 1105	043281105	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.60	1.051	N/A	5.06%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_43432102_Voltage	Silverado	North Bay	North Valley and Sierra	SILVERADO 2102	043432102	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.70	1.051	N/A	5.15%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_62041106_Voltage	Davis	Sacramento	North Valley and Sierra	DAVIS 1106	062041106	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	127.30	1.056	N/A	5.64%	Overvoltage	127.30	1.056	N/A	5.64%</					

GNA_163741102_Voltage	Tracy	Stockton	Central Valley	HERDLYN 1102	163741102	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.10	1.046	N/A	4.65%	Overvoltage	126.10	1.046	N/A	4.65%	N/A	N/A	N/A	N/A	N/A
GNA_163781704_Voltage	Sonora	Yosemite	Central Valley	PEORIA FLAT 1704	163781704	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	N/A
GNA_163912101_Voltage	North Stockton 21 KV	Stockton	Central Valley	EIGHT MILE 2101	163912101	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.10	1.046	N/A	4.65%	Overvoltage	126.10	1.046	N/A	4.65%	N/A	N/A	N/A	N/A	N/A
GNA_168891101_Voltage	Jackson	Stockton	Central Valley	VALLEY SPRINGS 1101	168891101	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.40	1.049	N/A	4.90%	Overvoltage	126.40	1.049	N/A	4.90%	N/A	N/A	N/A	N/A	N/A
GNA_182011101_Voltage	Salinas	Central Coast	South Bay and Central Coast	SALINAS 1101	182011101	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.10	1.046	N/A	4.65%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182011104_Voltage	Salinas	Central Coast	South Bay and Central Coast	SALINAS 1104	182011104	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.90	1.053	N/A	5.31%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182541103_Voltage	Paso Robles	Los Padres	South Bay and Central Coast	ATASCADERO 1103	182541103	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	N/A
GNA_182561101_Voltage	Cholame	Los Padres	South Bay and Central Coast	CHOLAME 1101	182561101	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.30	1.048	N/A	4.81%	N/A	N/A	N/A	N/A	N/A
GNA_182661104_Voltage	Paso Robles	Los Padres	South Bay and Central Coast	SAN MIGUEL 1104	182661104	Line Section	Voltage	2023	120.5	V	1.0490	VPU	Overvoltage	126.40	1.049	N/A	4.90%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252081108_Voltage	Taft	Kern	Central Valley	TAFT 1108	252081108	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	127.20	1.056	N/A	5.56%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252171108_Voltage	Corcoran	Fresno	Central Valley	CORCORAN 1108	252171108	Line Section	Voltage	2023	120.5	V	1.07	VPU	Overvoltage	128.90	1.070	N/A	6.97%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252171116_Voltage	Corcoran	Fresno	Central Valley	CORCORAN 1116	252171116	Line Section	Voltage	2023	120.5	V	1.12	VPU	Overvoltage	133.70	1.110	N/A	10.95%	Overvoltage	132.90	1.103	N/A	10.29%	Overvoltage	134.60	1.117	N/A	11.70%
GNA_252192105_Voltage	Mariposa	Yosemite	Central Valley	BEAR VALLEY 2105	252192105	Line Section	Voltage	2023	120.5	V	1.07	VPU	Overvoltage	128.80	1.069	N/A	6.89%	Overvoltage	128.80	1.069	N/A	6.89%	Overvoltage	128.80	1.069	N/A	6.89%
GNA_252211102_Voltage	Kerman	Fresno	Central Valley	BIOLA 1102	252211102	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	N/A
GNA_252211103_Voltage	Kerman	Fresno	Central Valley	BIOLA 1103	252211103	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.40	1.049	N/A	4.90%	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	N/A
GNA_252281113_Voltage	South Fresno	Fresno	Central Valley	CALIFORNIA AVE 1113	252281113	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.60	1.051	N/A	5.06%	Overvoltage	126.60	1.051	N/A	5.06%	Overvoltage	126.60	1.051	N/A	5.06%
GNA_252291105_Voltage	Kingsburg	Fresno	Central Valley	PARLIER 1105	252291105	Line Section	Voltage	2023	120.5	V	1.09	VPU	Overvoltage	131.60	1.092	N/A	9.21%	Overvoltage	131.60	1.092	N/A	9.21%	Overvoltage	131.60	1.092	N/A	9.21%
GNA_252301102_Voltage	Lemoore	Fresno	Central Valley	CAMDEN 1102	252301102	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.50	1.050	N/A	4.98%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252311102_Voltage	Mendota	Yosemite	Central Valley	MENDOTA 1102	252311102	Line Section	Voltage	2023	120.5	V	1.07	VPU	Overvoltage	129.40	1.074	N/A	7.39%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252311104_Voltage	Mendota	Yosemite	Central Valley	MENDOTA 1104	252311104	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.40	1.049	N/A	4.90%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252361112_Voltage	McMullin	Fresno	Central Valley	SAN JOAQUIN 1112	252361112	Line Section	Voltage	2023	120.5	V	1.07	VPU	Overvoltage	129.10	1.071	N/A	7.14%	Overvoltage	129.10	1.071	N/A	7.14%	Overvoltage	129.10	1.071	N/A	7.14%
GNA_252371102_Voltage	McMullin	Fresno	Central Valley	CARUTHERS 1102	252371102	Line Section	Voltage	2023	120.5	V	1.12	VPU	Overvoltage	135.00	1.120	N/A	12.03%	Overvoltage	135.00	1.120	N/A	12.03%	Overvoltage	135.00	1.120	N/A	12.03%
GNA_252421109_Voltage	Chowchilla	Yosemite	Central Valley	DAIRYLAND 1109	252421109	Line Section	Voltage	2023	120.5	V	1.07	VPU	Overvoltage	128.50	1.066	N/A	6.64%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252421113_Voltage	Chowchilla	Yosemite	Central Valley	DAIRYLAND 1113	252421113	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.40	1.049	N/A	4.90%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252441104_Voltage	Lerdo	Kern	Central Valley	ELK HILLS 1104	252441104	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252451103_Voltage	Chowchilla	Yosemite	Central Valley	EL NIDO 1103	252451103	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.60	1.051	N/A	5.06%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252451106_Voltage	Chowchilla	Yosemite	Central Valley	EL NIDO NEW 1106 (2020)	252451106	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	127.50	1.058	N/A	5.81%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252661101_Voltage	Henrietta	Fresno	Central Valley	GUERNSEY 1101	252661101	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	127.40	1.057	N/A	5.73%	Overvoltage	127.40	1.057	N/A	5.73%	N/A	N/A	N/A	N/A	N/A
GNA_252661103_Voltage	Henrietta	Fresno	Central Valley	GUERNSEY 1103	252661103	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	127.20	1.056	N/A	5.56%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252661104_Voltage	Henrietta	Fresno	Central Valley	GUERNSEY 1104	252661104	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.70	1.051	N/A	5.15%	Overvoltage	127.00	1.054	N/A	5.39%	N/A	N/A	N/A	N/A	N/A
GNA_252661104_Capacity	Henrietta	Fresno	Central Valley	GUERNSEY 1104	252661104	Line Section	Capacity	2024	2.67	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_252681104_Voltage	Henrietta	Fresno	Central Valley	HENRIETTA 1104	252681104	Line Section	Voltage	2023	120.5	V	1.07	VPU	Overvoltage	128.40	1.066	N/A	6.56%	Overvoltage	129.00	1.071	N/A	7.05%	N/A	N/A	N/A	N/A	N/A
GNA_252681108_Voltage	Henrietta	Fresno	Central Valley	HENRIETTA 1108	252681108	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	127.00	1.054	N/A	5.39%	Overvoltage	127.00	1.054	N/A	5.39%	Overvoltage	127.30	1.056	N/A	5.64%
GNA_252711101_Voltage	Kerman	Fresno	Central Valley	KERMAN 1101	252711101	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.50	1.050	N/A	4.98%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252711108_Voltage	Kerman	Fresno	Central Valley	KERMAN 1108	252711108	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.10	1.046	N/A	4.65%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252721106_Voltage	Urban Bakersfield Northeast	Kern	Central Valley	KERN OIL 1106	252721106	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	127.00	1.054	N/A	5.39%	Overvoltage	127.00	1.054	N/A	5.39%	Overvoltage	127.30	1.056	N/A	5.64%
GNA_252801108_Voltage	Merced 12 KV	Yosemite	Central Valley	MERCED 1108	252801108	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252801114_Voltage	Merced 12 KV	Yosemite	Central Valley	MERCED 1114	252801114	Line Section	Voltage	2023	120.5	V	1.07	VPU	Overvoltage	128.50	1.066	N/A	6.64%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252802101_Voltage	Merced 21 KV	Yosemite	Central Valley	MERCED 2101	252802101	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.10	1.046	N/A	4.65%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252821101_Voltage	Arvin	Kern	Central Valley	OLD RIVER 1101	252821101	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.70	1.051	N/A	5.15%	Overvoltage	126.70	1.051	N/A	5.15%	Overvoltage	126.70	1.051	N/A	5.15%
GNA_252821105_Voltage	Arvin	Kern	Central Valley	OLD RIVER 1105	252821105	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.70	1.051	N/A	5.15%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252891111_Voltage	Gates	Fresno	Central Valley	SCHINDLER 1111	252891111	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252921108_Voltage	Stone Corral	Fresno	Central Valley	STONE CORRAL 1108	252921108	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	128.10	1.063	N/A	6.31%	Overvoltage	128.10	1.063	N/A	6.31%	N/A	N/A	N/A	N/A	N/A
GNA_252971106_Voltage	Lamont	Kern	Central Valley	WEEDPATCH 1106	252971106	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.40	1.049	N/A	4.90%	Overvoltage	126.40	1.049	N/A	4.90%	N/A	N/A	N/A	N/A	N/A
GNA_253151102_Voltage	Gates	Fresno	Central Valley	GIFFEN 1102	253151102	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.10	1.046	N/A	4.65%	Overvoltage	126.10	1.046	N/A	4.65%	N/A	N/A	N/A	N/A	N/A
GNA_253151102_Capacity	Gates	Fresno	Central Valley	GIFFEN 1102	253151102	Line Section	Capacity	2024	6.4	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_253411106_Voltage	Arvin	Kern	Central Valley	LAKEVIEW 1106 (old 1103)	253411106	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.40	1.049	N/A	4.90%	Overvoltage	126.40	1.049	N/A	4.90%	Overvoltage	126.50	1.050	N/A	4.98%
GNA_253491112_Voltage	Lerdo	Kern	Central Valley	LERDO 1112 (OLD 1105)	253491112	Line Section	Voltage	2023	120.5	V	1.09	VPU	Overvoltage	131.10	1.088	N/A	8.80%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253491113_Voltage	Lerdo	Kern	Central Valley	LERDO 1113 (OLD 1106)	253491113	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.70	1.051	N/A	5.15%	Overvoltage	126.60	1.051	N/A	5.06%	N/A	N/A	N/A	N/A	N/A
GNA_253541102_Voltage	Oro Loma	Yosemite	Central Valley	SANTA RITA 1102	253541102	Line Section	Voltage	2023	120.5	V	1.06	VPU	Overvoltage	127.70	1.060	N/A	5.98%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253611102_Voltage	Atwater	Yosemite	Central Valley	ATWATER 1102	253611102	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.10	1.046	N/A	4.65%	Overvoltage	126.10	1.046	N/A	4.65%	Overvoltage	126.10	1.046	N/A	4.65%
GNA_253661104_Voltage	McMullin	Fresno	Central Valley	STROUD 1104	253661104	Line Section	Voltage	2023	120.5	V	1.05	VPU	Overvoltage	126.30	1.048	N/A	4.81%	Overvoltage	126.30	1.048	N/A	4.81%	Overvoltage	126.30	1.048	N/A	4.81%
GNA_2536711																											

GNA_83371109_Voltage	Cupertino	De Anza	South Bay and Central Coast	SARATOGA 1109	083371109	Line Section	Voltage	2024	120.5	V	1.07	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	129.10	1.071	N/A	7.14%	Overvoltage	129.10	1.071	N/A	7.14%
GNA_83622105_Voltage	Santa Cruz Area	Central Coast	South Bay and Central Coast	CAMP EVERS 2105	083622105	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.60	1.051	N/A	5.06%	N/A	N/A	N/A	N/A	
GNA_102851102_Voltage	Willows	North Valley	North Valley and Sierra	JACINTO 1102	102851102	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	
GNA_102911103_Voltage	Oroville 12 KV	North Valley	North Valley and Sierra	WYANDOTTE 1103	102911103	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	
GNA_103191101_Voltage	Oroville 12 KV	North Valley	North Valley and Sierra	BANGOR 1101	103191101	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.90	1.053	N/A	5.31%	N/A	N/A	N/A	N/A	
GNA_103211102_Voltage	Gridley	North Valley	North Valley and Sierra	HONCUT 1102	103211102	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	127.00	1.054	N/A	5.39%	N/A	N/A	N/A	N/A	
GNA_152282101_Voltage	Mountain Quarries	Sierra	North Valley and Sierra	MOUNTAIN QUARRIES 2101	152282101	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.50	1.050	N/A	4.98%	N/A	N/A	N/A	N/A	
GNA_182661107_Voltage	Paso Robles	Los Padres	South Bay and Central Coast	SAN MIGUEL 1107	182661107	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.60	1.051	N/A	5.06%	N/A	N/A	N/A	N/A	
GNA_183052112_Voltage	Paso Robles	Los Padres	South Bay and Central Coast	TEMPLETON 2112	183052112	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.20	1.047	N/A	4.73%	Overvoltage	126.30	1.048	N/A	
GNA_192221102_Voltage	Garberville	Humboldt	North Coast	GARBERVILLE 1102	192221102	Line Section	Voltage	2024	120.5	V	1.06	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	127.90	1.061	N/A	6.14%	N/A	N/A	N/A	N/A	
GNA_252041102_Voltage	Clovis	Fresno	Central Valley	AIRWAYS 1102	252041102	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	
GNA_252301102_Voltage	Lemoore	Fresno	Central Valley	CAMDEN 1102	252301102	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.90	1.053	N/A	5.31%	Overvoltage	126.20	1.047	N/A	
GNA_252311104_Voltage	Mendota	Yosemite	Central Valley	MENDOTA 1104	252311104	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	127.00	1.054	N/A	5.39%	Overvoltage	127.00	1.054	N/A	
GNA_252451101_Voltage	Chowchilla	Yosemite	Central Valley	EL NIDO 1101	252451101	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.60	1.051	N/A	5.06%	N/A	N/A	N/A	N/A	
GNA_252681110_Voltage	Henrietta	Fresno	Central Valley	HENRIETTA 1110	252681110	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.70	1.051	N/A	5.15%	Overvoltage	126.70	1.051	N/A	
GNA_252711101_Voltage	Kerman	Fresno	Central Valley	KERMAN 1101	252711101	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.60	1.051	N/A	5.06%	N/A	N/A	N/A	N/A	
GNA_252801114_Voltage	Merced 12 KV	Yosemite	Central Valley	MERCED 1114	252801114	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.10	1.046	N/A	4.65%	Overvoltage	126.10	1.046	N/A	
GNA_252821103_Voltage	Arvin	Kern	Central Valley	OLD RIVER 1103	252821103	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.70	1.051	N/A	5.15%	N/A	N/A	N/A	N/A	
GNA_252821105_Voltage	Arvin	Kern	Central Valley	OLD RIVER 1105	252821105	Line Section	Voltage	2024	120.5	V	1.06	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	128.30	1.065	N/A	6.47%	N/A	N/A	N/A	N/A	
GNA_252891112_Voltage	Gates	Fresno	Central Valley	SCHINDLER 1112	252891112	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.30	1.048	N/A	4.81%	N/A	N/A	N/A	N/A	
GNA_252931103_Voltage	Arvin	Kern	Central Valley	TEJON 1103	252931103	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.50	1.050	N/A	4.98%	Overvoltage	126.50	1.050	N/A	
GNA_253481102_Voltage	Arvin	Kern	Central Valley	WHEELER RIDGE 1102	253481102	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.70	1.051	N/A	5.15%	N/A	N/A	N/A	N/A	
GNA_253491112_Voltage	Leerdo	Kern	Central Valley	LERDO 1112 (OLD 1105)	253491112	Line Section	Voltage	2024	120.5	V	1.07	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	127.80	1.061	N/A	6.06%	Overvoltage	128.50	1.066	N/A	
GNA_253541102_Voltage	Oro Loma	Yosemite	Central Valley	SANTA RITA 1102	253541102	Line Section	Voltage	2024	120.5	V	1.06	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	127.70	1.060	N/A	5.98%	Overvoltage	127.70	1.060	N/A	
GNA_253931105_Voltage	Gates	Fresno	Central Valley	GATES 1105	253931105	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.10	1.046	N/A	4.65%	Overvoltage	126.10	1.046	N/A	
GNA_253931106_Voltage	Gates	Fresno	Central Valley	GATES 1106	253931106	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.10	1.046	N/A	4.65%	N/A	N/A	N/A	N/A	
GNA_254151101_Voltage	Auberry	Fresno	Central Valley	AUBERRY 1101	254151101	Line Section	Voltage	2024	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.20	1.047	N/A	4.73%	N/A	N/A	N/A	N/A	
GNA_12200404_Voltage	Concord	Diablo	Bay Area	WALNUT CREEK 0404	012200404	Line Section	Voltage	2025	120.5	V	1.08	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	130.40	1.082	N/A	
GNA_42041108_Voltage	Vallejo	North Bay	North Valley and Sierra	NORTH TOWER 1108 (formerly 1101)	042041108	Line Section	Voltage	2025	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.20	1.047	N/A	N/A	Overvoltage	126.20	1.047	N/A	
GNA_62041106_Voltage	Davis	Sacramento	North Valley and Sierra	DAVIS 1106	062041106	Line Section	Voltage	2025	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.90	1.053	N/A	
GNA_102601101_Voltage	Orland	North Valley	North Valley and Sierra	GLENN 1101	102601101	Line Section	Voltage	2025	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.20	1.047	N/A	
GNA_168891101_Voltage	Jackson	Stockton	Central Valley	VALLEY SPRINGS 1101	168891101	Line Section	Voltage	2025	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.50	1.050	N/A	
GNA_252171112_Voltage	Corcoran	Fresno	Central Valley	CORCORAN 1112	252171112	Line Section	Voltage	2025	120.5	V	1.08	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	129.90	1.078	N/A	
GNA_252171118_Voltage	Corcoran	Fresno	Central Valley	CORCORAN 1118	252171118	Line Section	Voltage	2025	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.90	1.053	N/A	
GNA_252211103_Voltage	Kerman	Fresno	Central Valley	BIOLA 1103	252211103	Line Section	Voltage	2025	120.5	V	1.06	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	127.50	1.058	N/A	
GNA_252281116_Voltage	South Fresno	Fresno	Central Valley	CALIFORNIA AVE 1116	252281116	Line Section	Voltage	2025	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.40	1.049	N/A	
GNA_252661104_Voltage	Henrietta	Fresno	Central Valley	GUERNSEY 1104	252661104	Line Section	Voltage	2025	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.20	1.047	N/A	
GNA_252681104_Voltage	Henrietta	Fresno	Central Valley	HENRIETTA 1104	252681104	Line Section	Voltage	2025	120.5	V	1.06	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	127.40	1.057	N/A	
GNA_252681106_Voltage	Henrietta	Fresno	Central Valley	HENRIETTA 1106	252681106	Line Section	Voltage	2025	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.30	1.048	N/A	
GNA_252821105_Voltage	Arvin	Kern	Central Valley	OLD RIVER 1105	252821105	Line Section	Voltage	2025	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.20	1.047	N/A	
GNA_253701105_Voltage	Urban Bakersfield East	Kern	Central Valley	WESTPARK 1105	253701105	Line Section	Voltage	2025	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.50	1.050	N/A	
GNA_254051104_Voltage	Canal	Yosemite	Central Valley	SANTA NELLA 1104	254051104	Line Section	Voltage	2025	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.20	1.047	N/A	
GNA_254272108_Voltage	Rio Mesa	Yosemite	Central Valley	CASSIDY 2108	254272108	Line Section	Voltage	2025	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.10	1.046	N/A	
GNA_254311106_Voltage	Canal	Yosemite	Central Valley	ORTIGA 1106	254311106	Line Section	Voltage	2025	120.5	V	1.13	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	136.50	1.133	N/A	
GNA_254771101_Voltage	Henrietta	Fresno	Central Valley	JACOBS CORNER 1101	254771101	Line Section	Voltage	2025	120.5	V	1.05	VPU	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Overvoltage	126.30	1.048	N/A	
GNA_12011109_Capacity	Oakland C-D-L	East Bay	Bay Area	OAKLAND C 1109	012011109	Line Section	Capacity	2023	3.52	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_12022215_Capacity	Concord	Diablo	Bay Area	CLAYTON 2215	012022215	Line Section	Capacity	2023	21.37	MW	0.69	MW	Capacity	N/A	N/A	0.686	3.21%	Capacity	N/A	N/A	0.081	0.38%	N/A	N/A	N/A	N/A	
GNA_12041102_Capacity	Oakland C-D-L	East Bay	Bay Area	OAKLAND D 1102	012041102	Line Section	Capacity	2023	8.92	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	
GNA_12091112_Capacity	Oakland Edes-J	East Bay	Bay Area	OAKLAND J 1112	012091112	Line Section	Capacity	2023	4.61	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	
GNA_12200404_Capacity	Concord	Diablo	Bay Area	WALNUT CREEK 0404	012200404	Line Section	Capacity	2023	0.65	MW	0.19	MW	Capacity	N/A	N/A	0.191	29.38%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_12501103_Capacity	Richmond South	East Bay	Bay Area	EL CERRITO G 1103	012501103	Line Section	Capacity	2023	2.19	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_12541105_Capacity	K-X	East Bay	Bay Area	OAKLAND X 1105	012541105	Line Section	Capacity	2023	8.61	MW	0.14	MW	Capacity	N/A	N/A	0.115	1.34%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.136	
GNA_13111102_Capacity	Hayward	Mission	Bay Area	SAN LEANDRO U 1102	013111102	Line Section	Capacity	2023	8.71	MW	0.83	MW	Capacity	N/A	N/A	0.709	8.14%	Capacity	N/A	N/A	0.731	8.39%	Capacity	N/A	N/A	0.830	
GNA_13501106_Capacity	Fremont 12 KV	Mission	Bay Area	JARVIS 1106	013501106	Line Section	Capacity	2023	9.9	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_13681101_Capacity	Oakland Edes-J	East Bay	Bay Area	EDES 1101	013681101	Line Section	Capacity	2023	11.38	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_13761101_Capacity	Hayward	Mission	Bay Area	MT EDEN 1101	013761101	Line Section	Capacity	2023	7.95	MW	0.74	MW	Capacity	N/A	N/A	0.736	9.26%	Capacity	N/A	N/A	0.636	8.00%	Capacity	N/A	N/A	0	

GNA_24091102_Capacity	South Pen East 12 KV	Peninsula	Bay Area	GLENWOOD 1102	024091102	Line Section	Capacity	2023	1.94	MW	0.42	MW	Capacity	N/A	N/A	0.420	21.65%	Capacity	N/A	N/A	0.419	21.60%	N/A	N/A	N/A	N/A	N/A
GNA_24110401_Capacity	Central Peninsula 4 KV	Peninsula	Bay Area	HILLSDALE 0401	024110401	Line Section	Capacity	2023	0.66	MW	0.01	MW	Capacity	N/A	N/A	0.012	1.82%	Capacity	N/A	N/A	0.007	1.06%	N/A	N/A	N/A	N/A	N/A
GNA_24120404_Capacity	South Peninsula 4 KV	Peninsula	Bay Area	LAS PULGAS 0404	024120404	Line Section	Capacity	2023	0.57	MW	0.14	MW	Capacity	N/A	N/A	0.132	23.16%	Capacity	N/A	N/A	0.142	24.91%	N/A	N/A	N/A	N/A	N/A
GNA_24130403_Capacity	South Peninsula 4 KV	Peninsula	Bay Area	MENLO 0403	024130403	Line Section	Capacity	2023	2.78	MW	0.04	MW	Capacity	N/A	N/A	0.043	1.55%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_24131101_Capacity	South Pen West 12KV	Peninsula	Bay Area	MENLO 1101	024131101	Line Section	Capacity	2023	3.08	MW	0.02	MW	Capacity	N/A	N/A	0.017	0.55%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_24131104_Capacity	South Pen West 12KV	Peninsula	Bay Area	MENLO 1104	024131104	Line Section	Capacity	2023	2.71	MW	0.15	MW	Capacity	N/A	N/A	0.148	5.46%	Capacity	N/A	N/A	0.139	5.13%	N/A	N/A	N/A	N/A	N/A
GNA_24160403_Capacity	South Pen East 12 KV	Peninsula	Bay Area	REDWOOD CITY 0403	024160403	Line Section	Capacity	2023	0.28	MW	0.01	MW	Capacity	N/A	N/A	0.004	1.43%	Capacity	N/A	N/A	0.009	3.21%	N/A	N/A	N/A	N/A	N/A
GNA_24160404_Capacity	South Pen East 12 KV	Peninsula	Bay Area	REDWOOD CITY 0404	024160404	Line Section	Capacity	2023	0.67	MW	0.14	MW	Capacity	N/A	N/A	0.141	21.04%	Capacity	N/A	N/A	0.125	18.66%	N/A	N/A	N/A	N/A	N/A
GNA_24251102_Capacity	South Pen West 12KV	Peninsula	Bay Area	WOODSIDE 1102	024251102	Line Section	Capacity	2023	3.89	MW	0.18	MW	Capacity	N/A	N/A	0.166	4.27%	Capacity	N/A	N/A	0.176	4.52%	N/A	N/A	N/A	N/A	N/A
GNA_24251104_Capacity	South Pen West 12KV	Peninsula	Bay Area	WOODSIDE 1104	024251104	Line Section	Capacity	2023	5.8	MW	0.97	MW	Capacity	N/A	N/A	0.869	14.98%	Capacity	N/A	N/A	0.969	16.71%	N/A	N/A	N/A	N/A	N/A
GNA_24261105_Capacity	South Pen East 12 KV	Peninsula	Bay Area	BAIR 1105	024261105	Line Section	Capacity	2023	2.52	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_42021103_Capacity	Napa	North Bay	North Valley and Sierra	NAPA 1103	042021103	Line Section	Capacity	2023	10.33	MW	1.73	MW	Capacity	N/A	N/A	1.700	16.46%	Capacity	N/A	N/A	1.730	16.75%	N/A	N/A	N/A	N/A	N/A
GNA_42021110_Capacity	Napa	North Bay	North Valley and Sierra	NAPA 1110	042021110	Line Section	Capacity	2023	10.64	MW	3.24	MW	Capacity	N/A	N/A	3.242	30.47%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_42091102_Capacity	Sebastopol	Sonoma	North Coast	MIRABEL 1102	042091102	Line Section	Capacity	2023	0.01	MW	0.19	MW	Capacity	N/A	N/A	0.193	1930.00%	Capacity	N/A	N/A	0.186	1860.00%	Capacity	N/A	N/A	0.189	1890.00%
GNA_42141101_Capacity	Clearlake (West)	Humboldt	North Coast	CLEAR LAKE 1101	042141101	Line Section	Capacity	2023	0.02	MW	0.53	MW	Capacity	N/A	N/A	0.530	2650.00%	Capacity	N/A	N/A	0.530	2650.00%	Capacity	N/A	N/A	0.530	2650.00%
GNA_42151102_Capacity	Santa Rosa	Sonoma	North Coast	SANTA ROSA A 1102	042151102	Line Section	Capacity	2023	5.97	MW	3.24	MW	Capacity	N/A	N/A	1.787	29.93%	Capacity	N/A	N/A	3.235	54.19%	N/A	N/A	N/A	N/A	N/A
GNA_42151103_Capacity	Santa Rosa	Sonoma	North Coast	SANTA ROSA A 1103	042151103	Line Section	Capacity	2023	12.39	MW	1.50	MW	Capacity	N/A	N/A	0.274	2.21%	Capacity	N/A	N/A	1.499	12.10%	N/A	N/A	N/A	N/A	N/A
GNA_42151105_Capacity	Santa Rosa	Sonoma	North Coast	SANTA ROSA A 1105	042151105	Line Section	Capacity	2023	2	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_42151108_Capacity	Santa Rosa	Sonoma	North Coast	SANTA ROSA A 1108	042151108	Line Section	Capacity	2023	1.96	MW	0.29	MW	Capacity	N/A	N/A	0.278	14.18%	Capacity	N/A	N/A	0.288	14.69%	N/A	N/A	N/A	N/A	N/A
GNA_42251101_Capacity	Hopland	Humboldt	North Coast	HOPLAND 1101	042251101	Line Section	Capacity	2023	6.85	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_42301101_Capacity	Napa	North Bay	North Valley and Sierra	TULUCAY 1101	042301101	Line Section	Capacity	2023	11.65	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_42461106_Capacity	Napa	North Bay	North Valley and Sierra	BASALT 1106	042461106	Line Section	Capacity	2023	11.71	MW	2.57	MW	Capacity	N/A	N/A	2.572	21.96%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_42481105_Capacity	Marin (Northern)	North Bay	North Valley and Sierra	IGNACIO 1105	042481105	Line Section	Capacity	2023	10	MW	0.41	MW	Capacity	N/A	N/A	0.414	4.14%	Capacity	N/A	N/A	0.149	1.49%	N/A	N/A	N/A	N/A	N/A
GNA_42561101_Capacity	Fitch Mountain/Fulton	Sonoma	North Coast	FULTON 1101	042561101	Line Section	Capacity	2023	11.39	MW	0.65	MW	Capacity	N/A	N/A	0.651	5.72%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_42561105_Capacity	Fitch Mountain/Fulton	Sonoma	North Coast	FULTON 1105	042561105	Line Section	Capacity	2023	7.72	MW	1.60	MW	Capacity	N/A	N/A	1.603	20.76%	Capacity	N/A	N/A	1.281	16.59%	Capacity	N/A	N/A	0.077	1.00%
GNA_42561107_Capacity	Fitch Mountain/Fulton	Sonoma	North Coast	FULTON 1107	042561107	Line Section	Capacity	2023	12.17	MW	0.540	MW	Capacity	N/A	N/A	0.548	4.50%	Capacity	N/A	N/A	0.600	4.93%	N/A	N/A	N/A	N/A	N/A
GNA_42571103_Capacity	Sebastopol	Sonoma	North Coast	MOLINO 1103	042571103	Line Section	Capacity	2023	2.03	MW	0.12	MW	Capacity	N/A	N/A	0.123	6.06%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_42651102_Capacity	Vallejo	North Bay	North Valley and Sierra	HIGHWAY 1102	042651102	Line Section	Capacity	2023	8.63	MW	4.97	MW	Capacity	N/A	N/A	3.630	42.06%	Capacity	N/A	N/A	4.970	57.59%	Capacity	N/A	N/A	4.970	57.59%
GNA_42711102_Capacity	Silverado	North Bay	North Valley and Sierra	CALISTOGA 1102	042711102	Line Section	Capacity	2023	12.17	MW	2.32	MW	Capacity	N/A	N/A	1.756	14.43%	Capacity	N/A	N/A	2.315	19.02%	N/A	N/A	N/A	N/A	N/A
GNA_42721104_Capacity	Sonoma	Sonoma	North Coast	SONOMA 1104	042721104	Line Section	Capacity	2023	8.04	MW	0.58	MW	Capacity	N/A	N/A	0.580	7.21%	Capacity	N/A	N/A	0.346	4.30%	N/A	N/A	N/A	N/A	N/A
GNA_42721106_Capacity	Sonoma	Sonoma	North Coast	SONOMA 1106	042721106	Line Section	Capacity	2023	2.06	MW	0.39	MW	Capacity	N/A	N/A	0.388	18.83%	Capacity	N/A	N/A	0.335	16.26%	N/A	N/A	N/A	N/A	N/A
GNA_42751113_Capacity	Fitch Mountain/Fulton	Sonoma	North Coast	FITCH MOUNTAIN 1113	042751113	Line Section	Capacity	2023	1.72	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_42821102_Capacity	Cloverdale	Sonoma	North Coast	CLOVERDALE 1102	042821102	Line Section	Capacity	2023	6.09	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_42891101_Capacity	Cloverdale	Sonoma	North Coast	GEYSERVILLE 1101	042891101	Line Section	Capacity	2023	7.14	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_42991107_Capacity	Marin (Central)	North Bay	North Valley and Sierra	LAS GALLINAS A 1107	042991107	Line Section	Capacity	2023	11.59	MW	0.03	MW	Capacity	N/A	N/A	0.027	0.23%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_43051101_Capacity	Monticello	North Bay	North Valley and Sierra	MONTICELLO 1101	043051101	Line Section	Capacity	2023	2.72	MW	1.12	MW	Capacity	N/A	N/A	1.008	37.06%	Capacity	N/A	N/A	1.122	41.25%	N/A	N/A	N/A	N/A	N/A
GNA_43081101_Capacity	Mendo Coast (North)	Humboldt	North Coast	BIG RIVER 1101	043081101	Line Section	Capacity	2023	0.01	MW	0.03	MW	Capacity	N/A	N/A	0.023	230.00%	Capacity	N/A	N/A	0.025	250.00%	Capacity	N/A	N/A	0.027	270.00%
GNA_43291105_Capacity	Napa	North Bay	North Valley and Sierra	PUEBLO 1105	043291105	Line Section	Capacity	2023	1.85	MW	0.11	MW	Capacity	N/A	N/A	0.079	4.27%	Capacity	N/A	N/A	0.112	6.05%	Capacity	N/A	N/A	0.035	1.89%
GNA_43292102_Capacity	Napa	North Bay	North Valley and Sierra	PUEBLO 2102	043292102	Line Section	Capacity	2023	20.87	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC
GNA_43301105_Capacity	Santa Rosa	Sonoma	North Coast	MONROE 1105	043301105	Line Section	Capacity	2023	2.03	MW	0.44	MW	Capacity	N/A	N/A	0.363	17.88%	Capacity	N/A	N/A	0.435	21.43%	N/A	N/A	N/A	N/A	N/A
GNA_43301106_Capacity	Santa Rosa	Sonoma	North Coast	MONROE 1106	043301106	Line Section	Capacity	2023	12.18	MW	1.93	MW	Capacity	N/A	N/A	1.440	11.82%	Capacity	N/A	N/A	1.934	15.88%	N/A	N/A	N/A	N/A	N/A
GNA_43311102_Capacity	Clearlake (West)	Humboldt	North Coast	KONOCTI 1102	043311102	Line Section	Capacity	2023	0.02	MW	1.13	MW	Capacity	N/A	N/A	1.129	5645.00%	Capacity	N/A	N/A	1.123	5615.00%	Capacity	N/A	N/A	1.125	5625.00%
GNA_43311108_Capacity	Clearlake (West)	Humboldt	North Coast	KONOCTI 1108	043311108	Line Section	Capacity	2023	1.1	MW	0.15	MW	Capacity	N/A	N/A	0.119	10.82%	Capacity	N/A	N/A	0.148	13.45%	Capacity	N/A	N/A	0.153	13.91%
GNA_43321101_Capacity	Santa Rosa	Sonoma	North Coast	RINCON 1101	043321101	Line Section	Capacity	2023	5.96	MW	0.90	MW	Capacity	N/A	N/A	0.897	15.05%	Capacity	N/A	N/A	0.772	12.95%	N/A	N/A	N/A	N/A	N/A
GNA_43321103_Capacity	Santa Rosa	Sonoma	North Coast	RINCON 1103	043321103	Line Section	Capacity	2023	2.41	MW	0.16	MW	Capacity	N/A	N/A	0.011	0.46%	Capacity	N/A	N/A	0.159	6.60%	N/A	N/A	N/A	N/A	N/A
GNA_43432104_Capacity	Silverado	North Bay	North Valley and Sierra	SILVERADO 2104	043432104	Line Section	Capacity	2023	2.3	MW	0.49	MW	Capacity	N/A	N/A	0.487	21.17%	Capacity	N/A	N/A	0.285	12.39%	N/A	N/A	N/A	N/A	N/A
GNA_43471101_Capacity	Bellevue/Cotati	Sonoma	North Coast	PENNGROVE 1101	043471101	Line Section	Capacity	2023	8.06	MW	CC	MW	Capacity	N/A	N/A	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_62031113_Capacity	Woodland	Sacramento	North Valley and Sierra	WOODLAND 1113	062031113	Line Section	Capacity	2023	12.29	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_62041105_Capacity	Davis	Sacramento	North Valley and Sierra	DAVIS 1105	062041105	Line Section	Capacity	2023	6.92	MW	0.81	MW	Capacity	N/A	N/A	0.811	11.72%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_62041107_Capacity	Davis	Sacramento	North Valley and Sierra	DAVIS 1107	062041107	Line Section	Capacity	2023	3.54	MW	0.10	MW	Capacity	N/A	N/A	0.098	2.77%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_62041112_Capacity	Davis	Sacramento	North Valley and Sierra	DAVIS 1112	062041112	Line Section	Capacity	2023	1.96	MW	0.12	MW	Capacity	N/A	N/A	0.118	6.02%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_62051102_Capacity	South Colusa	Sacramento	North Valley and Sierra	WILLIAMS 1102	062051102	Line Section	Capacity	2023	3.82	MW	0.85	MW	Capacity	N/A	N/A	0.777	20.34%	Capacity	N/A	N/A	0.850	22.25%	N/A	N/A	N/A	N/A	N/A
GNA_62061102_Capacity	Vacaville	Sacramento	North Valley and Sierra	DIXON 1102	062061102	Line Section	Capacity	2023	6.59	MW	1.00	MW	Capacity	N/A	N/A	0.925	14.04%	Capacity	N/A	N/A	1.003	15.22%	N/A	N/A	N/A	N/A	N/A
GNA_62061104_Capacity	Vacaville	Sacramento	North Valley and Sierra	DIXON 1104	062061104	Line Section	Capacity	2023	4.12	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_62061105_Capacity	Vacaville	Sacramento	North Valley and Sierra	DIXON 1105	062061105	Line Section	Capacity	2023	10.27	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_62061106_Capacity	Vacaville																										

GNA_82031106_Capacity	Mountain View	De Anza	Bay Area	MOUNTAIN VIEW 1106	082031106	Line Section	Capacity	2023	0.0029	MW	0.01	MW	Capacity	N/A	N/A	0.008	279.31%	Capacity	N/A	N/A	0.011	379.31%	Capacity	N/A	N/A	0.011	379.31%
GNA_82031107_Capacity	Mountain View	De Anza	Bay Area	MOUNTAIN VIEW 1107	082031107	Line Section	Capacity	2023	2.93	MW	1.44	MW	Capacity	N/A	N/A	1.356	46.28%	Capacity	N/A	N/A	1.250	42.66%	Capacity	N/A	N/A	1.438	49.08%
GNA_82250408_Capacity	Downtown San Jose 4 KV	San Jose	South Bay and Central Coast	SAN JOSE A 0408	082250408	Line Section	Capacity	2023	0.22	MW	0.08	MW	Capacity	N/A	N/A	0.078	35.45%	Capacity	N/A	N/A	0.077	35.00%	Capacity	N/A	N/A	N/A	N/A
GNA_82250410_Capacity	Downtown San Jose 4 KV	San Jose	South Bay and Central Coast	SAN JOSE A 0410	082250410	Line Section	Capacity	2023	0.7	MW	0.32	MW	Capacity	N/A	N/A	0.321	45.86%	Capacity	N/A	N/A	0.306	43.71%	Capacity	N/A	N/A	N/A	N/A
GNA_82311102_Capacity	West San Jose	San Jose	South Bay and Central Coast	ALMADEN 1102	082311102	Line Section	Capacity	2023	11.94	MW	0.06	MW	Capacity	N/A	N/A	0.058	0.49%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_82342101_Capacity	North San Jose 21 KV	San Jose	South Bay and Central Coast	RIVER OAKS 2101	082342101	Line Section	Capacity	2023	21.29	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_82462109_Capacity	North San Jose 21 KV	San Jose	South Bay and Central Coast	NORTECH 2109	082462109	Line Section	Capacity	2023	20.98	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_82921107_Capacity	West San Jose	San Jose	South Bay and Central Coast	EL PATIO 1107	082921107	Line Section	Capacity	2023	2	MW	0.41	MW	Capacity	N/A	N/A	N/A	0.410	20.50%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_82921108_Capacity	West San Jose	San Jose	South Bay and Central Coast	EL PATIO 1108	082921108	Line Section	Capacity	2023	6.92	MW	1.83	MW	Capacity	N/A	N/A	0.897	12.96%	Capacity	N/A	N/A	1.826	26.39%	Capacity	N/A	N/A	N/A	N/A
GNA_83182103_Capacity	Morgan Hill/Gilroy	San Jose	South Bay and Central Coast	LLAGAS 2103	083182103	Line Section	Capacity	2023	18.13	MW	4.58	MW	Capacity	N/A	N/A	4.583	25.28%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_83192104_Capacity	Watsonville (12/21KV)	Central Coast	South Bay and Central Coast	GREEN VALLEY 2104	083192104	Line Section	Capacity	2023	6.58	MW	0.58	MW	Capacity	N/A	N/A	N/A	0.581	8.83%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_83242108_Capacity	Morgan Hill/Gilroy	San Jose	South Bay and Central Coast	MORGAN HILL 2108	083242108	Line Section	Capacity	2023	17.57	MW	5.41	MW	Capacity	N/A	N/A	5.414	30.81%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_83242109_Capacity	Morgan Hill/Gilroy	San Jose	South Bay and Central Coast	MORGAN HILL 2109	083242109	Line Section	Capacity	2023	1.06	MW	1.34	MW	Capacity	N/A	N/A	1.145	108.02%	Capacity	N/A	N/A	1.335	125.94%	Capacity	N/A	N/A	N/A	N/A
GNA_83371104_Capacity	Cupertino	De Anza	South Bay and Central Coast	SARATOGA 1104	083371104	Line Section	Capacity	2023	0.57	MW	0.14	MW	Capacity	N/A	N/A	0.075	13.16%	Capacity	N/A	N/A	0.075	13.16%	Capacity	N/A	N/A	0.141	24.74%
GNA_83371109_Capacity	Cupertino	De Anza	Bay Area	SARATOGA 1109	083371109	Line Section	Capacity	2023	5.14	MW	0.31	MW	Capacity	N/A	N/A	0.306	5.95%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_83371110_Capacity	Cupertino	De Anza	Bay Area	SARATOGA 1110	083371110	Line Section	Capacity	2023	11.76	MW	2.08	MW	Capacity	N/A	N/A	2.076	17.65%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_83371114_Capacity	Cupertino	De Anza	Bay Area	SARATOGA 1114	083371114	Line Section	Capacity	2023	12.17	MW	1.03	MW	Capacity	N/A	N/A	1.032	8.48%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_83392108_Capacity	Evergreen	San Jose	South Bay and Central Coast	SWIFT 2108	083392108	Line Section	Capacity	2023	21.33	MW	0.32	MW	Capacity	N/A	N/A	0.321	1.50%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_83431109_Capacity	West San Jose	San Jose	South Bay and Central Coast	HICKS 1109	083431109	Line Section	Capacity	2023	9.61	MW	0.20	MW	Capacity	N/A	N/A	0.197	2.05%	Capacity	N/A	N/A	0.188	1.96%	Capacity	N/A	N/A	N/A	N/A
GNA_83481110_Capacity	Los Altos (12KV)	De Anza	Bay Area	STELLING 1110	083481110	Line Section	Capacity	2023	4.94	MW	0.47	MW	Capacity	N/A	N/A	0.468	9.47%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_83531107_Capacity	East San Jose	San Jose	South Bay and Central Coast	MC KEE 1107	083531107	Line Section	Capacity	2023	2.43	MW	0.40	MW	Capacity	N/A	N/A	0.366	15.06%	Capacity	N/A	N/A	0.400	16.46%	Capacity	N/A	N/A	0.363	14.94%
GNA_83622106_Capacity	Santa Cruz Area	Central Coast	South Bay and Central Coast	CAMP EVERS 2106	083622106	Line Section	Capacity	2023	0.11	MW	0.01	MW	Capacity	N/A	N/A	0.008	7.27%	Capacity	N/A	N/A	0.005	4.55%	Capacity	N/A	N/A	0.002	1.82%
GNA_83671113_Capacity	Cupertino	De Anza	Bay Area	WOLFE 1113	083671113	Line Section	Capacity	2023	3.01	MW	1.19	MW	Capacity	N/A	N/A	0.954	31.69%	Capacity	N/A	N/A	1.065	35.38%	Capacity	N/A	N/A	1.192	39.60%
GNA_83671114_Capacity	Cupertino	De Anza	Bay Area	WOLFE 1114	083671114	Line Section	Capacity	2023	3.85	MW	4.21	MW	Capacity	N/A	N/A	3.135	81.43%	Capacity	N/A	N/A	3.571	92.75%	Capacity	N/A	N/A	4.212	109.40%
GNA_83771102_Capacity	Los Gatos	De Anza	South Bay and Central Coast	VASONA 1102	083771102	Line Section	Capacity	2023	12.01	MW	0.67	MW	Capacity	N/A	N/A	0.659	5.49%	Capacity	N/A	N/A	0.673	5.60%	N/A	Capacity	N/A	N/A	N/A
GNA_83771105_Capacity	Los Gatos	De Anza	South Bay and Central Coast	VASONA 1105	083771105	Line Section	Capacity	2023	12.16	MW	0.31	MW	Capacity	N/A	N/A	0.314	2.58%	Capacity	N/A	N/A	0.161	1.32%	Capacity	N/A	N/A	0.056	0.46%
GNA_83871105_Capacity	Downtown San Jose 12 KV	San Jose	South Bay and Central Coast	FMC 1105 (new 2021)	083871105	Line Section	Capacity	2023	0.18	MW	0.67	MW	Capacity	N/A	N/A	0.671	372.78%	Capacity	N/A	N/A	0.663	368.33%	Capacity	N/A	N/A	0.657	365.00%
GNA_83892103_Capacity	Milpitas 21 KV	San Jose	South Bay and Central Coast	MONTAGUE 2103	083892103	Line Section	Capacity	2023	4.73	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_102601101_Capacity	Orland	North Valley	North Valley and Sierra	GLENN 1101	102601101	Line Section	Capacity	2023	3.57	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	N/A
GNA_102701103_Capacity	Orland	North Valley	North Valley and Sierra	ORLAND B 1103	102701103	Line Section	Capacity	2023	2.12	MW	0.18	MW	Capacity	N/A	N/A	0.176	8.30%	Capacity	N/A	N/A	0.171	8.07%	Capacity	N/A	N/A	0.169	7.97%
GNA_102911102_Capacity	Oroville 12 KV	North Valley	North Valley and Sierra	WYANDOTTE 1102	102911102	Line Section	Capacity	2023	12.01	MW	0.07	MW	Capacity	N/A	N/A	0.074	0.62%	Capacity	N/A	N/A	0.064	0.53%	N/A	Capacity	N/A	N/A	N/A
GNA_103142102_Capacity	Willows	North Valley	North Valley and Sierra	LOGAN CREEK 2102	103142102	Line Section	Capacity	2023	11.26	MW	2.47	MW	Capacity	N/A	N/A	2.306	20.48%	Capacity	N/A	N/A	2.471	21.94%	Capacity	N/A	N/A	N/A	N/A
GNA_103331104_Capacity	Corning 12 KV	North Valley	North Valley and Sierra	CORNING 1104	103331104	Line Section	Capacity	2023	2.45	MW	0.53	MW	Capacity	N/A	N/A	0.530	21.63%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_103351101_Capacity	Redding	North Valley	North Valley and Sierra	DESHUTES 1101	103351101	Line Section	Capacity	2023	2.13	MW	0.13	MW	Capacity	N/A	N/A	0.130	6.10%	Capacity	N/A	N/A	0.119	5.59%	Capacity	N/A	N/A	N/A	N/A
GNA_103461101_Capacity	Redding	North Valley	North Valley and Sierra	PANORAMA 1101	103461101	Line Section	Capacity	2023	3.17	MW	0.34	MW	Capacity	N/A	N/A	0.271	8.55%	Capacity	N/A	N/A	0.338	10.66%	N/A	Capacity	N/A	N/A	N/A
GNA_152061102_Capacity	South Placer	Sierra	North Valley and Sierra	ROCKLIN 1102	152061102	Line Section	Capacity	2023	2.02	MW	0.13	MW	Capacity	N/A	N/A	0.124	6.14%	Capacity	N/A	N/A	0.134	6.63%	N/A	Capacity	N/A	N/A	N/A
GNA_152282101_Capacity	Mountain Quarries	Sierra	North Valley and Sierra	MOUNTAIN QUARRIES 2101	152282101	Line Section	Capacity	2023	12.22	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	N/A
GNA_152431101_Capacity	Bonnie Nook/Shady Glen	Sierra	North Valley and Sierra	SHADY GLEN 1101	152431101	Line Section	Capacity	2023	2.17	MW	0.55	MW	Capacity	N/A	N/A	0.547	25.21%	Capacity	N/A	N/A	0.528	24.33%	N/A	Capacity	N/A	N/A	N/A
GNA_152442104_Capacity	South Placer	Sierra	North Valley and Sierra	PLEASANT GROVE 2104	152442104	Line Section	Capacity	2023	21.29	MW	4.87	MW	Capacity	N/A	N/A	4.575	21.49%	Capacity	N/A	N/A	4.708	22.11%	Capacity	N/A	N/A	4.873	22.89%
GNA_152442110_Capacity	South Placer	Sierra	North Valley and Sierra	PLEASANT GROVE 2110	152442110	Line Section	Capacity	2023	6.76	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	N/A
GNA_153612110_Capacity	Clarksville/Shingle Springs	Sierra	North Valley and Sierra	CLARKSVILLE 2110	153612110	Line Section	Capacity	2023	21.48	MW	0.17	MW	Capacity	N/A	N/A	0.082	0.38%	Capacity	N/A	N/A	0.019	0.09%	Capacity	N/A	N/A	0.167	0.78%
GNA_153652105_Capacity	Clarksville/Shingle Springs	Sierra	North Valley and Sierra	SHINGLE SPRINGS 2105	153652105	Line Section	Capacity	2023	3.3	MW	0.12	MW	Capacity	N/A	N/A	0.123	3.73%	Capacity	N/A	N/A	0.119	3.61%	Capacity	N/A	N/A	0.119	3.61%
GNA_162161101_Capacity	Jackson	Stockton	Central Valley	ELECTRA 1101	162161101	Line Section	Capacity	2023	0.85	MW	0.01	MW	Capacity	N/A	N/A	0.011	1.29%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.001	0.12%
GNA_162211101_Capacity	Jackson	Stockton	Central Valley	CALAVERAS CEMENT 1101	162211101	Line Section	Capacity	2023	3.41	MW	0.64	MW	Capacity	N/A	N/A	0.643	18.86%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_162371107_Capacity	South Stockton 12 KV	Stockton	Central Valley	STOCKTON A 1107	162371107	Line Section	Capacity	2023	12.44	MW	0.63	MW	Capacity	N/A	N/A	0.349	2.81%	Capacity	N/A	N/A	0.625	5.02%	N/A	Capacity	N/A	N/A	N/A
GNA_162421101_Capacity	North Stockton 12 KV	Stockton	Central Valley	STAGG 1101	162421101	Line Section	Capacity	2023	7.1	MW	1.05	MW	Capacity	N/A	N/A	0.500	7.04%	Capacity	N/A	N/A	1.046	14.73%	Capacity	N/A	N/A	1.046	14.73%
GNA_162771101_Capacity	Tracy	Stockton	Central Valley	LAMMERS 1101	162771101	Line Section	Capacity	2023	1.94	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	N/A
GNA_162881106_Capacity	Tracy	Stockton	Central Valley	TRACY 1106	162881106	Line Section	Capacity	2023	12.38	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_162881110_Capacity	Tracy	Stockton	Central Valley	TRACY 1110	162881110	Line Section	Capacity	2023	11.59	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	N/A
GNA_162991101_Capacity	Corral	Stockton	Central Valley	CORRAL 1101	162991101	Line Section	Capacity	2023	4.26	MW	0.37	MW	Capacity	N/A	N/A	0.367	8.62%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_163111101_Capacity	Newman	Yosemite	Central Valley	GUSTINE 1101	163111101	Line Section	Capacity	2023	7.09	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_163111102_Capacity	Newman	Yosemite	Central Valley	GUSTINE 1102	163111102	Line Section	Capacity	2023	3.16	MW	1.34	MW	Capacity	N/A	N/A	1.336	42.28%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_163120401_Capacity	North Stockton 4 KV	Stockton	Central Valley	COUNTRY CLUB 0401	163120401	Line Section	Capacity	2023	3.06	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A	N/A
GNA_163291104_Capacity	South Stockton 12 KV	Stockton	Central Valley	FRENCH CAMP 1104	163291104	Line Section	Capacity	2023	12.33	MW	1.08	MW	Capacity	N/A	N/A	1.081	8.77%	Capacity	N/A	N/A	0.978	7.93%	Capacity	N/A	N/A	N/A	N/A
GNA_163481105_Capacity	South Stockton 12 KV																										

GNA_182631108_Capacity	San Luis Obispo	Los Padres	South Bay and Central Coast	SAN LUIS OBISPO 1108	182631108	Line Section	Capacity	2023	11.74	MW	0.46	MW	Capacity	N/A	N/A	0.455	3.88%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182661104_Capacity	Paso Robles	Los Padres	South Bay and Central Coast	SAN MIGUEL 1104	182661104	Line Section	Capacity	2023	2.73	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_182661105_Capacity	Paso Robles	Los Padres	South Bay and Central Coast	SAN MIGUEL 1105	182661105	Line Section	Capacity	2023	2.01	MW	0.66	MW	Capacity	N/A	N/A	0.658	32.74%	Capacity	N/A	N/A	N/A	0.658	32.74%	N/A	N/A	
GNA_182671111_Capacity	Santa Maria	Los Padres	South Bay and Central Coast	SANTA MARIA 1111	182671111	Line Section	Capacity	2023	1.81	MW	4.62	MW	Capacity	N/A	N/A	4.617	255.08%	Capacity	N/A	N/A	N/A	4.254	235.03%	Capacity	N/A	
GNA_182731102_Capacity	Salinas	Central Coast	South Bay and Central Coast	RESERVATION ROAD 1102	182731102	Line Section	Capacity	2023	5.19	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_182811102_Capacity	Sisquoc	Los Padres	South Bay and Central Coast	SISQUOC 1102	182811102	Line Section	Capacity	2023	11.3	MW	0.60	MW	Capacity	N/A	N/A	0.465	4.12%	Capacity	N/A	N/A	N/A	0.599	5.30%	N/A	N/A	
GNA_182811104_Capacity	Sisquoc	Los Padres	South Bay and Central Coast	SISQUOC 1104	182811104	Line Section	Capacity	2023	5.14	MW	0.63	MW	Capacity	N/A	N/A	0.632	12.30%	Capacity	N/A	N/A	N/A	0.288	5.60%	N/A	N/A	
GNA_182821101_Capacity	Oceano	Los Padres	South Bay and Central Coast	MESA 1101	182821101	Line Section	Capacity	2023	4.12	MW	0.87	MW	Capacity	N/A	N/A	0.865	21.00%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_182941102_Capacity	Carmel Valley	Central Coast	South Bay and Central Coast	OTTER 1102	182941102	Line Section	Capacity	2023	1.57	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	Capacity	N/A	
GNA_182961107_Capacity	Prunedale	Central Coast	South Bay and Central Coast	PRUNEDALE 1107	182961107	Line Section	Capacity	2023	4.8	MW	1.05	MW	Capacity	N/A	N/A	1.050	21.88%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_183052113_Capacity	Paso Robles	Los Padres	South Bay and Central Coast	TEMPLETON 2113	183052113	Line Section	Capacity	2023	21.22	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_192251101_Capacity	Newburg/Rio Dell	Humboldt	North Coast	RIO DELL 1101	192251101	Line Section	Capacity	2023	6.57	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_192401101_Capacity	Willow Creek	Humboldt	North Coast	HOOPA 1101	192401101	Line Section	Capacity	2023	0.14	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	Capacity	N/A	
GNA_252041102_Capacity	Clovis	Fresno	Central Valley	AIRWAYS 1102	252041102	Line Section	Capacity	2023	11.97	MW	2.21	MW	Capacity	N/A	N/A	1.495	12.49%	Capacity	N/A	N/A	N/A	2.209	18.45%	N/A	N/A	
GNA_252041108_Capacity	Clovis	Fresno	Central Valley	AIRWAYS 1108	252041108	Line Section	Capacity	2023	7.96	MW	0.49	MW	Capacity	N/A	N/A	0.485	6.09%	Capacity	N/A	N/A	N/A	0.451	5.67%	Capacity	N/A	
GNA_252051113_Capacity	Central Fresno	Fresno	Central Valley	ASHLAN AVENUE 1113	252051113	Line Section	Capacity	2023	5.29	MW	3.49	MW	Capacity	N/A	N/A	1.997	37.75%	Capacity	N/A	N/A	N/A	3.137	59.30%	Capacity	N/A	
GNA_252052118_Capacity	Central Fresno	Fresno	Central Valley	ASHLAN AVENUE 2118	252052118	Line Section	Capacity	2023	3.8	MW	5.15	MW	Capacity	N/A	N/A	4.965	130.66%	Capacity	N/A	N/A	N/A	5.045	132.76%	Capacity	N/A	
GNA_252052119_Capacity	Central Fresno	Fresno	Central Valley	ASHLAN AVENUE 2119	252052119	Line Section	Capacity	2023	5.62	MW	2.22	MW	Capacity	N/A	N/A	2.218	39.47%	Capacity	N/A	N/A	N/A	2.097	37.31%	Capacity	N/A	
GNA_252081103_Capacity	Taft	Kern	Central Valley	TAFT 1103	252081103	Line Section	Capacity	2023	2.03	MW	0.74	MW	Capacity	N/A	N/A	0.737	36.31%	Capacity	N/A	N/A	N/A	0.731	36.01%	N/A	N/A	
GNA_252171106_Capacity	Corcoran	Fresno	Central Valley	CORCORAN 1106	252171106	Line Section	Capacity	2023	1.72	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_252171108_Capacity	Corcoran	Fresno	Central Valley	CORCORAN 1108	252171108	Line Section	Capacity	2023	0.3	MW	0.77	MW	Capacity	N/A	N/A	0.772	257.33%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_252171118_Capacity	Corcoran	Fresno	Central Valley	CORCORAN 1118	252171118	Line Section	Capacity	2023	4.21	MW	0.56	MW	Capacity	N/A	N/A	0.558	13.25%	Capacity	N/A	N/A	N/A	0.544	12.92%	N/A	N/A	
GNA_252211103_Capacity	Kerman	Fresno	Central Valley	BIOLA 1103	252211103	Line Section	Capacity	2023	5.5	MW	1.95	MW	Capacity	N/A	N/A	1.945	35.36%	Capacity	N/A	N/A	N/A	0.875	15.91%	N/A	N/A	
GNA_252241116_Capacity	Kingsburg	Fresno	Central Valley	KINGSBURG 1116	252241116	Line Section	Capacity	2023	12.21	MW	0.07	MW	Capacity	N/A	N/A	0.066	0.54%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_252261101_Capacity	Atwater	Yosemite	Central Valley	LIVINGSTON 1101	252261101	Line Section	Capacity	2023	2.63	MW	0.16	MW	Capacity	N/A	N/A	0.160	6.08%	Capacity	N/A	N/A	N/A	0.146	5.55%	Capacity	N/A	
GNA_252261105_Capacity	Atwater	Yosemite	Central Valley	LIVINGSTON 1105	252261105	Line Section	Capacity	2023	1.96	MW	0.18	MW	Capacity	N/A	N/A	0.178	9.08%	Capacity	N/A	N/A	N/A	0.119	6.07%	Capacity	N/A	
GNA_252281102_Capacity	South Fresno	Fresno	Central Valley	CALIFORNIA AVE 1102	252281102	Line Section	Capacity	2023	12.26	MW	0.90	MW	Capacity	N/A	N/A	0.904	7.37%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_252281106_Capacity	South Fresno	Fresno	Central Valley	CALIFORNIA AVE 1106	252281106	Line Section	Capacity	2023	12.18	MW	0.86	MW	Capacity	N/A	N/A	0.766	6.29%	Capacity	N/A	N/A	N/A	0.857	7.04%	Capacity	N/A	
GNA_252281114_Capacity	South Fresno	Fresno	Central Valley	CALIFORNIA AVE 1114	252281114	Line Section	Capacity	2023	7.04	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	Capacity	N/A	
GNA_252301102_Capacity	Lemoore	Fresno	Central Valley	CAMDEN 1102	252301102	Line Section	Capacity	2023	7.92	MW	3.39	MW	Capacity	N/A	N/A	3.213	40.57%	Capacity	N/A	N/A	N/A	3.333	42.08%	Capacity	N/A	
GNA_252301103_Capacity	Lemoore	Fresno	Central Valley	CAMDEN 1103	252301103	Line Section	Capacity	2023	3.75	MW	0.98	MW	Capacity	N/A	N/A	0.983	26.21%	Capacity	N/A	N/A	N/A	0.820	21.87%	N/A	N/A	
GNA_252301104_Capacity	Lemoore	Fresno	Central Valley	CAMDEN 1104	252301104	Line Section	Capacity	2023	1.77	MW	0.07	MW	Capacity	N/A	N/A	0.069	3.90%	Capacity	N/A	N/A	N/A	0.072	4.07%	N/A	N/A	
GNA_252301105_Capacity	Lemoore	Fresno	Central Valley	CAMDEN 1105	252301105	Line Section	Capacity	2023	7.79	MW	1.40	MW	Capacity	N/A	N/A	1.399	17.96%	Capacity	N/A	N/A	N/A	0.013	0.17%	N/A	N/A	
GNA_252311104_Capacity	Mendota	Yosemite	Central Valley	MENDOTA 1104	252311104	Line Section	Capacity	2023	4.04	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	Capacity	N/A	
GNA_252341106_Capacity	Reedley	Fresno	Central Valley	REEDLEY 1106	252341106	Line Section	Capacity	2023	5.08	MW	0.43	MW	Capacity	N/A	N/A	0.427	8.41%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_252341112_Capacity	Reedley	Fresno	Central Valley	REEDLEY 1112	252341112	Line Section	Capacity	2023	4.56	MW	0.26	MW	Capacity	N/A	N/A	0.260	5.70%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_252351114_Capacity	Sanger	Fresno	Central Valley	SANGER 1114	252351114	Line Section	Capacity	2023	2.07	MW	1.73	MW	Capacity	N/A	N/A	1.734	83.77%	Capacity	N/A	N/A	N/A	1.734	83.77%	Capacity	N/A	
GNA_252351118_Capacity	Sanger	Fresno	Central Valley	SANGER 1118	252351118	Line Section	Capacity	2023	4.1	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	Capacity	N/A	
GNA_252361112_Capacity	McMullin	Fresno	Central Valley	SAN JOAQUIN 1112	252361112	Line Section	Capacity	2023	2.8	MW	0.28	MW	Capacity	N/A	N/A	0.281	10.04%	Capacity	N/A	N/A	N/A	0.281	10.04%	Capacity	N/A	
GNA_252371105_Capacity	McMullin	Fresno	Central Valley	CARUTHERS 1105	252371105	Line Section	Capacity	2023	1.74	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	N/A	N/A	
GNA_252381107_Capacity	Coalinga	Fresno	Central Valley	COALINGA NO 2 1107	252381107	Line Section	Capacity	2023	2.36	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	Capacity	N/A	
GNA_252421105_Capacity	Chowchilla	Yosemite	Central Valley	DAIRYLAND 1105	252421105	Line Section	Capacity	2023	9.79	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	N/A	N/A	
GNA_252421109_Capacity	Chowchilla	Yosemite	Central Valley	DAIRYLAND 1109	252421109	Line Section	Capacity	2023	2.01	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_252421111_Capacity	Chowchilla	Yosemite	Central Valley	DAIRYLAND 1111	252421111	Line Section	Capacity	2023	2.74	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	N/A	N/A	
GNA_252451101_Capacity	Chowchilla	Yosemite	Central Valley	EL NIDO 1101	252451101	Line Section	Capacity	2023	2.43	MW	0.43	MW	Capacity	N/A	N/A	0.360	14.81%	Capacity	N/A	N/A	N/A	0.429	17.65%	N/A	N/A	
GNA_252451102_Capacity	Chowchilla	Yosemite	Central Valley	EL NIDO 1102	252451102	Line Section	Capacity	2023	10.59	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_252451104_Capacity	Chowchilla	Yosemite	Central Valley	EL NIDO 1104	252451104	Line Section	Capacity	2023	10.55	MW	2.82	MW	Capacity	N/A	N/A	2.769	26.25%	Capacity	N/A	N/A	N/A	2.817	26.70%	Capacity	N/A	
GNA_252461107_Capacity	Wasco	Kern	Central Valley	FAMOSO 1107	252461107	Line Section	Capacity	2023	3.83	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_252611101_Capacity	Lerdo	Kern	Central Valley	MIDWAY 1101	252611101	Line Section	Capacity	2023	3.74	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	N/A	N/A	
GNA_252611103_Capacity	Lerdo	Kern	Central Valley	MIDWAY 1103	252611103	Line Section	Capacity	2023	2.02	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	N/A	N/A	
GNA_252661101_Capacity	Henrietta	Fresno	Central Valley	GUERNSEY 1101	252661101	Line Section	Capacity	2023	4.03	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	N/A	N/A	
GNA_252661102_Capacity	Henrietta	Fresno	Central Valley	GUERNSEY 1102	252661102	Line Section	Capacity	2023	5.96	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	N/A	N/A	
GNA_252661103_Capacity	Henrietta	Fresno	Central Valley	GUERNSEY 1103	252661103	Line Section	Capacity	2023	1.99	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	N/A	N/A	
GNA_252661106_Capacity	Henrietta	Fresno	Central Valley	GUERNSEY 1106	252661106	Line Section	Capacity	2023	1.68	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	N/A	N/A	
GNA_252681106_Capacity	Henrietta	Fresno	Central Valley	HENRIETTA 1106	252681106	Line Section	Capacity	2023	4.56	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_252701104_Capacity	Kerman	Fresno	Central Valley	KEARNEY 1104	252701104	Line Section	Capacity	2023	1.23	MW	0.08	MW	Capacity	N/A	N/A	0.078	6.34%	Capacity	N/A	N/A	N/A	0.073	5.93%	N/A	N/A	
GNA_252701106_Capacity	Kerman	Fresno	Central Valley	KEARNEY 1106	252701106	Line Section	Capacity	2023	3.9	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC	CC	N/A	N/A	
GNA_252701110_Capacity	Kerman	Fresno	Central Valley	KEARNEY 1110	252701110	Line Section	Capacity	2023	3.21	MW	1.25	MW	Capacity	N/A	N/A	1.204	37.51%	Capacity	N/A	N/A	N/A	1.201	37.41%	Capacity	N/A	
GNA_252711103_Capacity	Kerman	Fresno	Central Valley	KERMAN 1103	252711103	Line Section	Capacity	2023	6.5	MW	0.50	MW	Capacity	N/A	N/A	0.498	7.66%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_252711104_Capacity	Kerman	Fresno	Central Valley	KER																						

GNA_253411107_Capacity	Arvin	Kern	Central Valley	LAKEVIEW 1107 (old 1101)	253411107	Line Section	Capacity	2023	6.31	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_253441101_Capacity	Gates	Fresno	Central Valley	CALFLAX 1101	253441101	Line Section	Capacity	2023	2.62	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253441103_Capacity	Gates	Fresno	Central Valley	CALFLAX 1103	253441103	Line Section	Capacity	2023	4.6	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_253481101_Capacity	Arvin	Kern	Central Valley	WHEELER RIDGE 1101	253481101	Line Section	Capacity	2023	10.19	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_253481102_Capacity	Arvin	Kern	Central Valley	WHEELER RIDGE 1102	253481102	Line Section	Capacity	2023	5.35	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_253491111_Capacity	Lerdo	Kern	Central Valley	LERDO 1111 (OLD 1103)	253491111	Line Section	Capacity	2023	12.41	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	N/A	CC
GNA_253491113_Capacity	Lerdo	Kern	Central Valley	LERDO 1113 (OLD 1106)	253491113	Line Section	Capacity	2023	5.49	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_253491114_Capacity	Lerdo	Kern	Central Valley	LERDO 1114 (OLD 1108)	253491114	Line Section	Capacity	2023	9.5	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_253541105_Capacity	Oro Loma	Yosemite	Central Valley	SANTA RITA 1105	253541105	Line Section	Capacity	2023	3.8	MW	2.66	MW	Capacity	N/A	N/A	2.659	69.97%	Capacity	N/A	N/A	2.606	68.58%	Capacity	N/A	N/A	2.586	68.05%
GNA_253571108_Capacity	Central Fresno	Fresno	Central Valley	BARTON 1108	253571108	Line Section	Capacity	2023	10.58	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253571115_Capacity	Central Fresno	Fresno	Central Valley	BARTON 1115	253571115	Line Section	Capacity	2023	5.88	MW	1.88	MW	Capacity	N/A	N/A	1.596	27.14%	Capacity	N/A	N/A	1.878	31.94%	N/A	N/A	N/A	N/A	N/A
GNA_253601102_Capacity	Lemoore	Fresno	Central Valley	LEMOORE 1102	253601102	Line Section	Capacity	2023	2.05	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253601105_Capacity	Lemoore	Fresno	Central Valley	LEMOORE 1105	253601105	Line Section	Capacity	2023	12.4	MW	0.61	MW	Capacity	N/A	N/A	0.606	4.89%	Capacity	N/A	N/A	0.458	3.69%	N/A	N/A	N/A	N/A	N/A
GNA_253611102_Capacity	Atwater	Yosemite	Central Valley	ATWATER 1102	253611102	Line Section	Capacity	2023	3.05	MW	0.79	MW	Capacity	N/A	N/A	0.790	25.90%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253611106_Capacity	Atwater	Yosemite	Central Valley	ATWATER 1106	253611106	Line Section	Capacity	2023	12.32	MW	0.16	MW	Capacity	N/A	N/A	0.162	1.31%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253611107_Capacity	Atwater	Yosemite	Central Valley	ATWATER 1107	253611107	Line Section	Capacity	2023	1.91	MW	0.08	MW	Capacity	N/A	N/A	0.080	4.19%	Capacity	N/A	N/A	0.039	2.04%	Capacity	N/A	N/A	0.067	3.51%
GNA_253651102_Capacity	Lerdo	Kern	Central Valley	SHAFTER 1102	253651102	Line Section	Capacity	2023	1.97	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253651103_Capacity	Lerdo	Kern	Central Valley	SHAFTER 1103	253651103	Line Section	Capacity	2023	3.8	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_253671102_Capacity	Mendota	Yosemite	Central Valley	PANOCHÉ 1102	253671102	Line Section	Capacity	2023	11.93	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_253701106_Capacity	Urban Bakersfield East	Kern	Central Valley	WESTPARK 1106	253701106	Line Section	Capacity	2023	3.4	MW	0.08	MW	Capacity	N/A	N/A	0.075	2.21%	Capacity	N/A	N/A	0.020	0.59%	N/A	N/A	N/A	N/A	N/A
GNA_253701107_Capacity	Urban Bakersfield East	Kern	Central Valley	WESTPARK 1107	253701107	Line Section	Capacity	2023	3.93	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_253701108_Capacity	Urban Bakersfield East	Kern	Central Valley	WESTPARK 1108	253701108	Line Section	Capacity	2023	2.02	MW	0.07	MW	Capacity	N/A	N/A	0.073	3.61%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253701110_Capacity	Urban Bakersfield East	Kern	Central Valley	WESTPARK 1110	253701110	Line Section	Capacity	2023	7.02	MW	0.04	MW	Capacity	N/A	N/A	0.040	0.57%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253711101_Capacity	Lemoore	Fresno	Central Valley	HARDWICK 1101	253711101	Line Section	Capacity	2023	5.94	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253731101_Capacity	South Fresno	Fresno	Central Valley	WEST FRESNO 1101	253731101	Line Section	Capacity	2023	5.23	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_253731104_Capacity	South Fresno	Fresno	Central Valley	WEST FRESNO 1104	253731104	Line Section	Capacity	2023	0.67	MW	0.15	MW	Capacity	N/A	N/A	0.150	22.39%	Capacity	N/A	N/A	0.150	22.39%	Capacity	N/A	N/A	0.150	22.39%
GNA_253731109_Capacity	South Fresno	Fresno	Central Valley	WEST FRESNO 1109	253731109	Line Section	Capacity	2023	4	MW	3.16	MW	Capacity	N/A	N/A	3.159	78.98%	Capacity	N/A	N/A	3.159	78.98%	Capacity	N/A	N/A	3.159	78.98%
GNA_253731110_Capacity	South Fresno	Fresno	Central Valley	WEST FRESNO 1110	253731110	Line Section	Capacity	2023	12.09	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_253731111_Capacity	South Fresno	Fresno	Central Valley	WEST FRESNO 1111	253731111	Line Section	Capacity	2023	12.12	MW	0.52	MW	Capacity	N/A	N/A	0.505	4.17%	Capacity	N/A	N/A	0.516	4.26%	N/A	N/A	N/A	N/A	N/A
GNA_253801101_Capacity	Arvin	Kern	Central Valley	ARVIN 1101	253801101	Line Section	Capacity	2023	1.21	MW	0.35	MW	Capacity	N/A	N/A	0.345	28.51%	Capacity	N/A	N/A	0.176	14.55%	N/A	N/A	N/A	N/A	N/A
GNA_253881102_Capacity	Merced 12 KV	Yosemite	Central Valley	EL CAPITAN 1102	253881102	Line Section	Capacity	2023	12.06	MW	2.72	MW	Capacity	N/A	N/A	2.721	22.56%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253881103_Capacity	Merced 12 KV	Yosemite	Central Valley	EL CAPITAN 1103	253881103	Line Section	Capacity	2023	2.02	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_253881104_Capacity	Merced 12 KV	Yosemite	Central Valley	EL CAPITAN 1104	253881104	Line Section	Capacity	2023	4.57	MW	1.12	MW	Capacity	N/A	N/A	1.124	24.60%	Capacity	N/A	N/A	0.682	14.92%	Capacity	N/A	N/A	0.732	16.02%
GNA_253881106_Capacity	Merced 12 KV	Yosemite	Central Valley	EL CAPITAN 1106	253881106	Line Section	Capacity	2023	4.06	MW	5.90	MW	Capacity	N/A	N/A	4.096	145.34%	Capacity	N/A	N/A	4.096	100.89%	Capacity	N/A	N/A	4.016	98.92%
GNA_253882110_Capacity	Merced 21 KV	Yosemite	Central Valley	EL CAPITAN 2110	253882110	Line Section	Capacity	2023	6.38	MW	0.34	MW	Capacity	N/A	N/A	0.336	5.27%	Capacity	N/A	N/A	0.336	5.27%	Capacity	N/A	N/A	0.336	5.27%
GNA_253911103_Capacity	Lamont	Kern	Central Valley	LAMONT 1103	253911103	Line Section	Capacity	2023	10.41	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_253911105_Capacity	Lamont	Kern	Central Valley	LAMONT 1105	253911105	Line Section	Capacity	2023	3.91	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253911106_Capacity	Lamont	Kern	Central Valley	LAMONT 1106	253911106	Line Section	Capacity	2023	6.96	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_253911107_Capacity	Lamont	Kern	Central Valley	LAMONT 1107	253911107	Line Section	Capacity	2023	1.42	MW	0.30	MW	Capacity	N/A	N/A	0.301	21.20%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253921108_Capacity	Central Fresno	Fresno	Central Valley	MANCHESTER 1108	253921108	Line Section	Capacity	2023	3.67	MW	0.03	MW	Capacity	N/A	N/A	0.031	0.84%	Capacity	N/A	N/A	0.012	0.33%	N/A	N/A	N/A	N/A	N/A
GNA_253921109_Capacity	Central Fresno	Fresno	Central Valley	MANCHESTER 1109	253921109	Line Section	Capacity	2023	3.75	MW	2.62	MW	Capacity	N/A	N/A	2.623	69.95%	Capacity	N/A	N/A	2.445	65.20%	Capacity	N/A	N/A	2.475	66.00%
GNA_253931102_Capacity	Gates	Fresno	Central Valley	GATES 1102	253931102	Line Section	Capacity	2023	2.02	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253931105_Capacity	Gates	Fresno	Central Valley	GATES 1105	253931105	Line Section	Capacity	2023	8.98	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_253931106_Capacity	Gates	Fresno	Central Valley	GATES 1106	253931106	Line Section	Capacity	2023	5.83	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_254001106_Capacity	Corcoran	Fresno	Central Valley	ALPAUGH 1106	254001106	Line Section	Capacity	2023	3.85	MW	1.56	MW	Capacity	N/A	N/A	1.214	31.53%	Capacity	N/A	N/A	1.560	40.52%	Capacity	N/A	N/A	1.510	39.22%
GNA_254051101_Capacity	Canal	Yosemite	Central Valley	SANTA NELLA 1101	254051101	Line Section	Capacity	2023	2.96	MW	CC	MW	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254051104_Capacity	Canal	Yosemite	Central Valley	SANTA NELLA 1104	254051104	Line Section	Capacity	2023	5.57	MW	CC	MW	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_254081107_Capacity	Clovis	Fresno	Central Valley	CLOVIS 1107	254081107	Line Section	Capacity	2023	12.13	MW	0.37	MW	Capacity	N/A	N/A	0.372	3.07%	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.303	2.50%
GNA_254091104_Capacity	Reedley	Fresno	Central Valley	DINUBA 1104	254091104	Line Section	Capacity	2023	4.24	MW	0.89	MW	Capacity	N/A	N/A	0.894	21.08%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254101101_Capacity	Chowchilla	Yosemite	Central Valley	CHOWCHILLA 1101	254101101	Line Section	Capacity	2023	12.32	MW	0.60	MW	Capacity	N/A	N/A	0.058	0.47%	Capacity	N/A	N/A	0.595	4.83%	N/A	N/A	N/A	N/A	N/A
GNA_254101104_Capacity	Chowchilla	Yosemite	Central Valley	CHOWCHILLA 1104	254101104	Line Section	Capacity	2023	9	MW	0.54	MW	Capacity	N/A	N/A	0.538	5.98%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254101106_Capacity	Chowchilla	Yosemite	Central Valley	CHOWCHILLA 1106	254101106	Line Section	Capacity	2023	1.98	MW	0.103	MW	Capacity	N/A	N/A	0.033	1.67%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254121106_Capacity	Kingsburg	Fresno	Central Valley	MC CALL 1106	254121106	Line Section	Capacity	2023	10.6	MW	0.19	MW	Capacity	N/A	N/A	0.188	1.77%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254121107_Capacity	Kingsburg	Fresno	Central Valley	MC CALL 1107	254121107	Line Section	Capacity	2023	12.14	MW	0.27	MW	Capacity	N/A	N/A	0.016	0.13%	Capacity	N/A	N/A	0.265	2.18%	Capacity	N/A	N/A	0.221	1.82%
GNA_254121108_Capacity	Kingsburg	Fresno	Central Valley	MC CALL 1108	254121108	Line Section	Capacity	2023	2.09	MW	4.57	MW	Capacity	N/A	N/A	4.573	218.80%	Capacity	N/A	N/A	4.550	217.70%	Capacity	N/A	N/A	4.574	218.85%
GNA_254251103_Capacity	South Fresno	Fresno	Central Valley	MALAGA 1103	254251103	Line Section	Capacity	2023	8.48	MW	0.04	MW	Capacity	N/A	N/A	0.035	0.41%	Capacity	N/A	N/A	0.035	0.41%	Capacity	N/A	N/A	0.035	0.41%
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GNA_12111103_Capacity	Oakland C-D-L	East Bay	Bay Area	OAKLAND L 1103	012111103	Line Section	Capacity	2024	10.53	MW	0.18	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.181	1.72%	N/A	N/A	N/A	N/A	N/A
GNA_13432207_Capacity	Concord	Diablo	Bay Area	FAIRVIEW 2207	013432207	Line Section	Capacity	2024	0.29	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_13681101_Capacity	Oakland Edes-J	East Bay	Bay Area	EDES 1101	013681101	Line Section	Capacity	2024	10.7	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_13681105_Capacity	Oakland Edes-J	East Bay	Bay Area	EDES 1105	013681105	Line Section	Capacity	2024	11.04	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_13681111_Capacity	Oakland Edes-J	East Bay	Bay Area	EDES 1111	013681111	Line Section	Capacity	2024	11.72	MW	0.54	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.537	4.58%	Capacity	N/A	N/A	0.528	4.51%
GNA_14052101_Capacity	San Ramon - Vineyard	Mission	Bay Area	NORTH DUBLIN 2101	014052101	Line Section	Capacity	2024	15.31	MW	1.61	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	1.606	10.49%	N/A	N/A	N/A	N/A	N/A
GNA_14161108_Capacity	Walnut Creek 12 KV	Diablo	Bay Area	ROSSMOOR 1108	014161108	Line Section	Capacity	2024	3.03	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_14232105_Capacity	San Ramon - Vineyard	Mission	Bay Area	SAN RAMON 2105	014232105	Line Section	Capacity	2024	19.37	MW	0.09	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.095	0.49%	N/A	N/A	N/A	N/A	N/A
GNA_14402105_Capacity	Livermore	Mission	Bay Area	LAS POSITAS 2105	014402105	Line Section	Capacity	2024	21.06	MW	0.07	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.068	0.32%	Capacity	N/A	N/A	0.038	0.18%
GNA_14652107_Capacity	Concord	Diablo	Bay Area	TIDEWATER 2107	014652107	Line Section	Capacity	2024	3.52	MW	0.18	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.182	5.17%	N/A	N/A	N/A	N/A	N/A
GNA_22011108_Capacity	Mission	San Francisco	Bay Area	MISSION (SF X) 1108	022011108	Line Section	Capacity	2024	2.23	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_22031101_Capacity	Potrero	San Francisco	Bay Area	POTRERO (SF A) 1101	022031101	Line Section	Capacity	2024	8.45	MW	0.18	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.182	2.15%	Capacity	N/A	N/A	0.182	2.15%
GNA_22101103_Capacity	Martin (SF H)	San Francisco	Bay Area	MARTIN (SF H) 1103	022101103	Line Section	Capacity	2024	10.01	MW	0.44	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.303	3.03%	Capacity	N/A	N/A	0.442	4.42%
GNA_22101104_Capacity	Martin (SF H)	San Francisco	Bay Area	MARTIN (SF H) 1104	022101104	Line Section	Capacity	2024	6.75	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_22331103_Capacity	Hunter's Point	San Francisco	Bay Area	HUNTERS POINT (SF P) 1103	022331103	Line Section	Capacity	2024	6.53	MW	0.43	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.179	2.74%	Capacity	N/A	N/A	0.428	6.55%
GNA_22571104_Capacity	North Pen East 12 KV	Peninsula	Bay Area	EAST GRAND 1104	022571104	Line Section	Capacity	2024	6.25	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_22571114_Capacity	North Pen East 12 KV	Peninsula	Bay Area	EAST GRAND 1114	022571114	Line Section	Capacity	2024	11.95	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_24020401_Capacity	South Peninsula 4 KV	Peninsula	Bay Area	BELLE HAVEN 0401	024020401	Line Section	Capacity	2024	2.72	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_24060404_Capacity	Central Peninsula 4 KV	Peninsula	Bay Area	CAROLANDS 0404	024060404	Line Section	Capacity	2024	0.72	MW	0.11	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.105	14.58%	N/A	N/A	N/A	N/A	N/A
GNA_24090406_Capacity	South Peninsula 4 KV	Peninsula	Bay Area	GLENWOOD 0406	024090406	Line Section	Capacity	2024	1.05	MW	0.01	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.010	0.95%	N/A	N/A	N/A	N/A	N/A
GNA_24161101_Capacity	South Pen East 12 KV	Peninsula	Bay Area	REDWOOD CITY 1101	024161101	Line Section	Capacity	2024	3.79	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_42021110_Capacity	Napa	North Bay	North Valley and Sierra	NAPA 1110	042021110	Line Section	Capacity	2024	3.62	MW	0.20	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.199	5.50%	N/A	N/A	N/A	N/A	N/A
GNA_42041104_Capacity	Vallejo	North Bay	North Valley and Sierra	NORTH TOWER 1104	042041104	Line Section	Capacity	2024	12.41	MW	1.90	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	1.897	15.29%	Capacity	N/A	N/A	0.726	5.85%
GNA_42041108_Capacity	Vallejo	North Bay	North Valley and Sierra	NORTH TOWER 1108 (formerly 1101)	042041108	Line Section	Capacity	2024	12.34	MW	0.42	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.417	3.38%	Capacity	N/A	N/A	0.110	0.89%
GNA_42151105_Capacity	Santa Rosa	Sonoma	North Coast	SANTA ROSA A 1105	042151105	Line Section	Capacity	2024	12.07	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_42251101_Capacity	Hopland	Humboldt	North Coast	HOPLAND 1101	042251101	Line Section	Capacity	2024	0.02	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_42451101_Capacity	Vallejo	North Bay	North Valley and Sierra	VALLEJO B 1101	042451101	Line Section	Capacity	2024	1.94	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_42561101_Capacity	Fitch Mountain/Fulton	Sonoma	North Coast	FULTON 1101	042561101	Line Section	Capacity	2024	11.36	MW	0.94	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.941	8.28%	N/A	N/A	N/A	N/A	N/A
GNA_42651107_Capacity	Vallejo	North Bay	North Valley and Sierra	HIGHWAY NEW 1107 (2021)	042651107	Line Section	Capacity	2024	3.34	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_43211101_Capacity	Clearlake (West)	Humboldt	North Coast	HARTLEY 1101	043211101	Line Section	Capacity	2024	10.53	MW	0.58	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.578	5.49%	N/A	N/A	N/A	N/A	N/A
GNA_43292102_Capacity	Napa	North Bay	North Valley and Sierra	PUEBLO 2102	043292102	Line Section	Capacity	2024	21.11	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_43501102_Capacity	Fitch Mountain/Fulton	Sonoma	North Coast	WINDSOR 1102	043501102	Line Section	Capacity	2024	11.48	MW	0.81	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.807	7.03%	N/A	N/A	N/A	N/A	N/A
GNA_43501103_Capacity	Fitch Mountain/Fulton	Sonoma	North Coast	WINDSOR 1103	043501103	Line Section	Capacity	2024	2.21	MW	0.71	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.709	32.08%	N/A	N/A	N/A	N/A	N/A
GNA_62031110_Capacity	Woodland	Sacramento	North Valley and Sierra	WOODLAND 1110	062031110	Line Section	Capacity	2024	1.98	MW	0.09	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.087	4.39%	N/A	N/A	N/A	N/A	N/A
GNA_62462226_Capacity	Grand Island	Sacramento	North Valley and Sierra	GRAND ISLAND 2226	062462226	Line Section	Capacity	2024	17.11	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_63131110_Capacity	West Sacramento	Sacramento	North Valley and Sierra	WEST SACRAMENTO 1110	063131110	Line Section	Capacity	2024	11.81	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_63131111_Capacity	West Sacramento	Sacramento	North Valley and Sierra	WEST SACRAMENTO 1111	063131111	Line Section	Capacity	2024	12.23	MW	0.13	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.126	1.03%	Capacity	N/A	N/A	0.126	1.03%
GNA_63591109_Capacity	Vacaville	Sacramento	North Valley and Sierra	VACA DIXON 1109	063591109	Line Section	Capacity	2024	12.01	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_63642112_Capacity	Peabody	Sacramento	North Valley and Sierra	PEABODY 2112	063642112	Line Section	Capacity	2024	20.9	MW	2.37	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	2.366	11.32%	N/A	N/A	N/A	N/A	N/A
GNA_63801102_Capacity	Suisun/Cordelia	Sacramento	North Valley and Sierra	JAMESON 1102	063801102	Line Section	Capacity	2024	12.01	MW	0.01	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.011	0.09%	N/A	N/A	N/A	N/A	N/A
GNA_82160403_Capacity	Los Altos (4KV)	De Anza	South Bay and Central Coast	LOYOLA 0403	082160403	Line Section	Capacity	2024	0.33	MW	0.01	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.010	3.03%	Capacity	N/A	N/A	0.011	3.33%
GNA_82191105_Capacity	East San Jose	San Jose	South Bay and Central Coast	MABURY 1105	082191105	Line Section	Capacity	2024	12.27	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_83182103_Capacity	Morgan Hill/Gilroy	San Jose	South Bay and Central Coast	LLAGAS 2103	083182103	Line Section	Capacity	2024	18.29	MW	1.46	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	1.458	7.97%	N/A	N/A	N/A	N/A	N/A
GNA_83182106_Capacity	Morgan Hill/Gilroy	San Jose	South Bay and Central Coast	LLAGAS 2106	083182106	Line Section	Capacity	2024	6.88	MW	11.42	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	11.331	164.69%	Capacity	N/A	N/A	11.423	166.03%
GNA_83371114_Capacity	Cupertino	De Anza	South Bay and Central Coast	SARATOGA 1114	083371114	Line Section	Capacity	2024	2.4	MW	0.40	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.397	16.54%	N/A	N/A	N/A	N/A	N/A
GNA_83392110_Capacity	Evergreen	San Jose	South Bay and Central Coast	SWIFT 2110	083392110	Line Section	Capacity	2024	6.29	MW	0.17	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.167	2.66%	N/A	N/A	N/A	N/A	N/A
GNA_83432111_Capacity	South San Jose 21 KV	San Jose	South Bay and Central Coast	HICKS 2111	083432111	Line Section	Capacity	2024	6.22	MW	0.32	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.322	5.18%	Capacity	N/A	N/A	0.080	1.29%
GNA_83531108_Capacity	East San Jose	San Jose	South Bay and Central Coast	MC KEE 1108	083531108	Line Section	Capacity	2024	12.18	MW	3.42	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	2.419	19.86%	Capacity	N/A	N/A	3.424	28.11%
GNA_83631101_Capacity	Mountain View	De Anza	South Bay and Central Coast	WHISMAN 1101	083631101	Line Section	Capacity	2024	10	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_83631110_Capacity	Mountain View	De Anza	South Bay and Central Coast	WHISMAN 1110	083631110	Line Section	Capacity	2024	9.82	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_103331103_Capacity	Corning 12 KV	North Valley	North Valley and Sierra	CORNING 1103	103331103	Line Section	Capacity	2024	8.1	MW	0.26	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.261	3.22%	Capacity	N/A	N/A	0.153	1.89%
GNA_152241102_Capacity	North Placer	Sierra	North Valley and Sierra	HALSEY 1102	152241102	Line Section	Capacity	2024	6.41	MW	0.15	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.151	2.36%	N/A	N/A	N/A	N/A	N/A
GNA_162111101_Capacity	Lodi	Stockton	Central Valley	LODI 1101	162111101	Line Section	Capacity	2024	6.79	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_162371104_Capacity	South Stockton 12 KV	Stockton	Central Valley	STOCKTON A 1104	162371104	Line Section	Capacity	2024	1.91	MW	0.06	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.060	3.14%	N/A	N/A	N/A	N/A	N/A
GNA_163131102_Capacity	South Stockton 12 KV	Stockton	Central Valley	EAST STOCKTON 1102	163131102	Line Section	Capacity	2024	1.93	MW	0.02	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.022	1.14%	N/A	N/A	N/A	N/A	N/A
GNA_163481109_Capacity	South Stockton 12 KV	Stockton	Central Valley	WEBER 1109	163481109	Line Section	Capacity	2024	12.43	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
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GNA_253571108_Capacity	Central Fresno	Fresno	Central Valley	BARTON 1108	253571108	Line Section	Capacity	2024	7.03	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_253571109_Capacity	Central Fresno	Fresno	Central Valley	BARTON 1109	253571109	Line Section	Capacity	2024	9.96	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_253571112_Capacity	Central Fresno	Fresno	Central Valley	BARTON 1112	253571112	Line Section	Capacity	2024	12	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_253611102_Capacity	Atwater	Yosemite	Central Valley	ATWATER 1102	253611102	Line Section	Capacity	2024	8.44	MW	2.55	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	2.459	29.14%	Capacity	N/A	N/A	2.547	30.18%
GNA_253651102_Capacity	Lerdo	Kern	Central Valley	SHAFTER 1102	253651102	Line Section	Capacity	2024	1.77	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_253651112_Capacity	Lerdo	Kern	Central Valley	SHAFTER 1112 (Old 1101)	253651112	Line Section	Capacity	2024	9.95	MW	3.62	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	3.617	36.35%	N/A	N/A	N/A	N/A	N/A
GNA_253881102_Capacity	Merced 12 KV	Yosemite	Central Valley	EL CAPITAN 1102	253881102	Line Section	Capacity	2024	5.57	MW	2.94	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	2.872	51.56%	Capacity	N/A	N/A	2.936	52.71%
GNA_253882109_Capacity	Merced 21 KV	Yosemite	Central Valley	EL CAPITAN 2109	253882109	Line Section	Capacity	2024	6.93	MW	6.34	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	4.608	66.49%	Capacity	N/A	N/A	6.339	91.47%
GNA_253911105_Capacity	Lamont	Kern	Central Valley	LAMONT 1105	253911105	Line Section	Capacity	2024	5.89	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_253961102_Capacity	Central Fresno	Fresno	Central Valley	BULLARD 1102	253961102	Line Section	Capacity	2024	10.41	MW	0.02	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.022	0.21%	N/A	N/A	N/A	N/A	N/A
GNA_254001103_Capacity	Corcoran	Fresno	Central Valley	ALPAUGH 1103	254001103	Line Section	Capacity	2024	1.49	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_254051101_Capacity	Canal	Yosemite	Central Valley	SANTA NELLA 1101	254051101	Line Section	Capacity	2024	7.61	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_254081107_Capacity	Clovis	Fresno	Central Valley	CLOVIS 1107	254081107	Line Section	Capacity	2024	12.05	MW	0.59	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.594	4.93%	N/A	N/A	N/A	N/A	N/A
GNA_254091104_Capacity	Reedley	Fresno	Central Valley	DINUBA 1104	254091104	Line Section	Capacity	2024	12.14	MW	0.12	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.119	0.98%	N/A	N/A	N/A	N/A	N/A
GNA_254121102_Capacity	Kingsburg	Fresno	Central Valley	MC CALL 1102	254121102	Line Section	Capacity	2024	6.09	MW	0.56	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.555	9.11%	N/A	N/A	N/A	N/A	N/A
GNA_254272108_Capacity	Rio Mesa	Yosemite	Central Valley	CASSIDY 2108	254272108	Line Section	Capacity	2024	2.01	MW	1.59	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	1.592	79.20%	N/A	N/A	N/A	N/A	N/A
GNA_254291104_Capacity	Lamont	Kern	Central Valley	WELLFIELD 1104	254291104	Line Section	Capacity	2024	3.09	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_254531109_Capacity	Reedley	Fresno	Central Valley	WAHTOKE 1109	254531109	Line Section	Capacity	2024	10.56	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	N/A	N/A	N/A	N/A	N/A
GNA_254572105_Capacity	Urban Bakersfield Northwest	Kern	Central Valley	RENFRO 2105	254572105	Line Section	Capacity	2024	9.75	MW	0.51	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.511	5.24%	N/A	N/A	N/A	N/A	N/A
GNA_254771102_Capacity	Henrietta	Fresno	Central Valley	JACOBS CORNER 1102	254771102	Line Section	Capacity	2024	7.98	MW	1.85	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	1.830	22.93%	Capacity	N/A	N/A	1.847	23.15%
GNA_255262104_Capacity	Urban Bakersfield Northwest	Kern	Central Valley	KERN POWER 2104	255262104	Line Section	Capacity	2024	20.76	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC	Capacity	N/A	N/A	CC	CC
GNA_255451102_Capacity	Urban Bakersfield East	Kern	Central Valley	CAL WATER 1102	255451102	Line Section	Capacity	2024	8.94	MW	0.22	MW	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.223	2.49%	N/A	N/A	N/A	N/A	N/A
GNA_131111114_Capacity	Hayward	Mission	Bay Area	SAN LEANDRO U 1114	013111114	Line Section	Capacity	2025	10.99	MW	0.05	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.053	0.48%
GNA_136811103_Capacity	Oakland Edes-J	East Bay	Bay Area	EDES 1103	013681103	Line Section	Capacity	2025	9.2	MW	0.02	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.020	0.22%
GNA_136811113_Capacity	Oakland Edes-J	East Bay	Bay Area	EDES 1113	013681113	Line Section	Capacity	2025	12	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC
GNA_221011104_Capacity	Martin (SF H)	San Francisco	Bay Area	MARTIN (SF H) 1104	022101104	Line Section	Capacity	2025	6.7	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC
GNA_222611102_Capacity	Martin (SF H)	San Francisco	Bay Area	SF L 1102	022261102	Line Section	Capacity	2025	8.18	MW	0.56	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.564	6.89%
GNA_42450415_Capacity	Vallejo	North Bay	North Valley and Sierra	VALLEJO B 0415	042450415	Line Section	Capacity	2025	0.29	MW	0.02	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.021	7.24%
GNA_427211102_Capacity	Sonoma	Sonoma	North Coast	SONOMA 1102	042721102	Line Section	Capacity	2025	12.09	MW	0.08	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.082	0.68%
GNA_620311110_Capacity	Woodland	Sacramento	North Valley and Sierra	WOODLAND 1110	062031110	Line Section	Capacity	2025	10.22	MW	0.18	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.180	1.76%
GNA_63441105_Capacity	Woodland	Sacramento	North Valley and Sierra	PLAINFIELD 1105	063441105	Line Section	Capacity	2025	2.28	MW	4.30	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	4.299	188.55%
GNA_829621101_Capacity	South San Jose 21 KV	San Jose	South Bay and Central Coast	SANTA TERESA 2101	082962101	Line Section	Capacity	2025	19.28	MW	5.01	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	5.010	25.99%
GNA_83242106_Capacity	Morgan Hill/Gilroy	San Jose	South Bay and Central Coast	MORGAN HILL 2106	083242106	Line Section	Capacity	2025	13.48	MW	0.92	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.919	6.82%
GNA_83242109_Capacity	Morgan Hill/Gilroy	San Jose	South Bay and Central Coast	MORGAN HILL 2109	083242109	Line Section	Capacity	2025	4.04	MW	0.42	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.420	10.40%
GNA_837711108_Capacity	Los Gatos	De Anza	South Bay and Central Coast	VASONA 1108	083771108	Line Section	Capacity	2025	11.64	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC
GNA_152582106_Capacity	South Placer	Sierra	North Valley and Sierra	DEL MAR 2106	152582106	Line Section	Capacity	2025	11.56	MW	0.01	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.011	0.10%
GNA_162991101_Capacity	Corral	Stockton	Central Valley	CORRAL 1101	162991101	Line Section	Capacity	2025	6.41	MW	0.27	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.270	4.21%
GNA_163201101_Capacity	Jackson	Stockton	Central Valley	WEST POINT 1101	163201101	Line Section	Capacity	2025	0.33	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC
GNA_163912101_Capacity	North Stockton 21 KV	Stockton	Central Valley	EIGHT MILE 2101	163912101	Line Section	Capacity	2025	3.08	MW	0.10	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.098	3.18%
GNA_182011103_Capacity	Salinas	Central Coast	South Bay and Central Coast	SALINAS 1103	182011103	Line Section	Capacity	2025	11.57	MW	0.09	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.091	0.79%
GNA_182061103_Capacity	Santa Maria	Los Padres	South Bay and Central Coast	FAIRWAY 1103	182061103	Line Section	Capacity	2025	11.8	MW	0.06	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.059	0.50%
GNA_182061104_Capacity	Santa Maria	Los Padres	South Bay and Central Coast	FAIRWAY 1104	182061104	Line Section	Capacity	2025	11.84	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC
GNA_182261102_Capacity	Salinas	Central Coast	South Bay and Central Coast	BUENA VISTA 1102	182261102	Line Section	Capacity	2025	11.46	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC
GNA_182492105_Capacity	Hollister	Central Coast	South Bay and Central Coast	HOLLISTER 2105	182492105	Line Section	Capacity	2025	18.1	MW	0.02	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.021	0.12%
GNA_182581108_Capacity	San Luis Obispo	Los Padres	South Bay and Central Coast	GOLDTREE 1108	182581108	Line Section	Capacity	2025	7.28	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC
GNA_252301104_Capacity	Lemoore	Fresno	Central Valley	CAMDEN 1104	252301104	Line Section	Capacity	2025	1.72	MW	1.78	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	1.781	103.55%
GNA_252461103_Capacity	Wasco	Kern	Central Valley	FAMOSO 1103	252461103	Line Section	Capacity	2025	10.04	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC
GNA_252711108_Capacity	Kerman	Fresno	Central Valley	KERMAN 1108	252711108	Line Section	Capacity	2025	1.89	MW	0.01	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.008	0.42%
GNA_252802102_Capacity	Merced 21 KV	Yosemite	Central Valley	MERCED 2102	252802102	Line Section	Capacity	2025	2.04	MW	0.26	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.263	12.89%
GNA_253391104_Capacity	Urban Bakersfield Northwest	Kern	Central Valley	FRUITVALE 1104	253391104	Line Section	Capacity	2025	11.61	MW	0.47	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.473	4.07%
GNA_253411102_Capacity	Arvin	Kern	Central Valley	LAKEVIEW 1102	253411102	Line Section	Capacity	2025	2.22	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC
GNA_253481102_Capacity	Arvin	Kern	Central Valley	WHEELER RIDGE 1102	253481102	Line Section	Capacity	2025	2.31	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC
GNA_254272108_Capacity	Rio Mesa	Yosemite	Central Valley	CASSIDY 2108	254272108	Line Section	Capacity	2025	21.39	MW	0.40	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	0.402	1.88%
GNA_254311105_Capacity	Canal	Yosemite	Central Valley	ORTIGA 1105	254311105	Line Section	Capacity	2025	4.43	MW	2.02	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	2.015	45.49%
GNA_254641110_Capacity	Canal	Yosemite	Central Valley	WRIGHT 1110	254641110	Line Section	Capacity	2025	12.31	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC
GNA_255361106_Capacity	Chowchilla	Yosemite	Central Valley	LE GRAND 1106	255361106	Line Section	Capacity	2025	12.42	MW	CC	MW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	CC	CC

PG&E 2023 Distribution Deferral Opportunity Report (DDOR)

Appendix I.1: Planned Investments - Line Sections

Version Date 11/30/2023

Public

Customer Count																							
DDOR ID	Previous DDOR?	Distribution Planning Region	Division	Project Type	Project Name	Project Description	In-service Date	Project Cost (\$k)	Deferrable (Y/N)	LNBA Value (\$/kW-yr)	LNBA Value (\$/Vpu-yr)	GNA Need ID	Facility ID	GNA Facility Name	Distribution Service Required	Grid Need	Grid Need Unit	Residential	Commercial	Industrial	Agricultural	Other	Total
DDOR3057	No	Bay Area	Mission	Line Section	Jarvis Bank 2 and 1107	Replace bank and install new feeder	2024	\$4,594	N	N/A	N/A	GNA_013501105_Reliability	013501105	JARVIS 1105	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR132	Yes	Central Valley	Yosemite	Line Section	El Nido 1106	Install new feeder	2024	\$6,147	N	N/A	N/A	GNA_253541102_Capacity	253541102	SANTA RITA 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3058	No	North Coast	Humboldt	Line Section	Garberville 1101 & 1102	Line work at Garberville 1101 & 1102	2024	\$1,385	N	N/A	N/A	GNA_192221102_Capacity	192221102	GARBERVILLE 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3059	No	Bay Area	East Bay	Line Section	Oakland Edes 1102	Install new feeder	2024	\$508	N	N/A	N/A	GNA_012091102_Capacity	012091102	OAKLAND J1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3060	No	Bay Area	Mission	Line Section	Jarvis 1102	Install new feeder	2024	\$626	N	N/A	N/A	GNA_014471110_Capacity	014471110	DUMBARTON SUB 1110	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3061	No	Central Valley	Yosemite	Line Section	Madera 1117	Install cable	2024	\$1,742	N	N/A	N/A	GNA_252761117_Capacity	252761117	MADERA 1117	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1142	Yes	North Coast	Humboldt	Line Section	Bridgeville 1102	BRIDGEVILLE 1102 CAPACITY WORK FOR NB	2025	\$166	N	N/A	N/A	GNA_192461102_Voltage	192461102	BRIDGEVILLE 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3062	No	Central Valley	Kern	Line Section	Old River 1105	Transfer to new feeder	2024	\$135	N	N/A	N/A	GNA_252821103_Capacity	252821103	OLD RIVER 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3063	No	Central Valley	Yosemite	Line Section	Merced 1114	Reconductor Merced 1114	2024	\$286	N	N/A	N/A	GNA_252801114_Capacity	252801114	MERCED 1114	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3064	No	Central Valley	Fresno	Line Section	Giffen 1102	Capacity work	2024	\$1,630	N	N/A	N/A	GNA_253151102_Capacity	253151102	GIFFEN 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3065	No	North Coast	Humboldt	Line Section	Bridgeville 1102	Line work at Bridgeville 1102	2025	\$26	N	N/A	N/A	GNA_192461102_Voltage	192461102	BRIDGEVILLE 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3066	No	North Coast	Humboldt	Line Section	Willow Creek 1101	Reconductor Willow Creek 1101	2024	\$820	N	N/A	N/A	GNA_192171101_Capacity	192171101	WILLOW CREEK 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3067	No	Central Valley	Stockton	Line Section	Corral 1101	Install new feeder	2024	\$900	N	N/A	N/A	GNA_162991101_Capacity	162991101	CORRAL 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3068	No	Bay Area	San Francisco	Line Section	Potrero (SF A) 1122	Install new feeder	2024	\$462	N	N/A	N/A	GNA_022031121_Capacity	022031121	POTRERO (SF A) 1121	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3069	No	South Bay and Central Coast	San Jose	Line Section	FMC 1112	Install new feeder	2024	\$349	N	N/A	N/A	GNA_083871105_Reliability	083871105	FMC 1105 (new 2021)	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1273	Yes	North Coast	Sonoma	Line Section	Windsor 1102	Reconductor Windsor 1102	2024	\$1,733	N	N/A	N/A	GNA_043501102_Capacity	043501102	WINDSOR 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3070	No	Bay Area	San Francisco	Line Section	Potrero (SF A) 1120	Install new feeder	2024	\$7,070	N	N/A	N/A	GNA_022031108_Capacity	022031108	POTRERO (SF A) 1108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1269	Yes	Central Valley	Fresno	Line Section	Dinuba 1103	Install new feeder	2024	\$1,408	N	N/A	N/A	GNA_254091107_Capacity	254091107	DINUBA 1107	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3071	No	South Bay and Central Coast	Central Coast	Line Section	DOLAN ROAD 1103	Line work	2024	\$1,740	N	N/A	N/A	GNA_182381103_Capacity	182381103	DOLAN ROAD 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3072	No	South Bay and Central Coast	Central Coast	Line Section	Dolan Bank	Install new bank	2024	\$1,740	N	N/A	N/A	GNA_182381103_Capacity	182381103	DOLAN ROAD 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3074	No	Central Valley	Yosemite	Line Section	Storey 1104	Reconductor Storey 1104	2024	\$634	N	N/A	N/A	GNA_254611104_Capacity	254611104	STOREY 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3075	No	Central Valley	Fresno	Line Section	Stone Corral 1108	Stone Corral 1108 Voltage Imbalance	2024	\$180	N	N/A	N/A	GNA_252921108_Voltage	252921108	STONE CORRAL 1108	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3076	No	South Bay and Central Coast	De Anza	Line Section	Loyola Bank 1	Transfer to existing feeder	2024	\$4,544	N	N/A	N/A	GNA_082160401_Capacity	082160401	LOYOLA 0401	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3077	No	Bay Area	Peninsula	Line Section	Emerald Lake 402	Install new bank	2024	\$150	N	N/A	N/A	GNA_024080402_Capacity	024080402	EMERALD LAKE 0402	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3078	No	Central Valley	Yosemite	Line Section	Newhall 1109	INSTALL SB AND FUSE COMBO - NEWHALL 1109	2024	\$10	N	N/A	N/A	GNA_254461109_Capacity	254461109	NEWHALL 1109	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3079	No	North Valley and Sierra	Sierra	Line Section	Summit 1101 & 1102	SUMMIT 1101/1102 CIRCUIT TIE	2024	\$2,640	N	N/A	N/A	GNA_152591102_Capacity	152591102	SUMMIT 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1122	Yes	Bay Area	Diablo	Line Section	Lone Tree 2106	Install new feeder	2024	\$3,028	N	N/A	N/A	GNA_013232102_Capacity	013232102	LONE TREE 2102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3080	No	South Bay and Central Coast	Central Coast	Line Section	Spence 1101	Install new feeder	2024	\$7,179	N	N/A	N/A	GNA_182082103_Capacity	182082103	LOS OSITOS 2103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1151	Yes	South Bay and Central Coast	Central Coast	Line Section	Spence Bank 2	replace bank	2024	\$1,284	N	N/A	N/A	GNA_182201103_Capacity	182201103	SPENCE 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1151	Yes	South Bay and Central Coast	Central Coast	Line Section	Spence Bank 2	replace bank	2024	\$1,284	N	N/A	N/A	GNA_182201105_Capacity	182201105	SPENCE 1105 (OLD 1121)	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3084	No	North Coast	North Bay	Line Section	CALISTOGA BANK 1	CALISTOGA NEW BK OUTLET UNDERGROUNDING	2024	\$350	N	N/A	N/A	GNA_042711101_Capacity	042711101	CALISTOGA 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3087	No	Central Valley	Fresno	Line Section	CALFLAX BANK 2	CALFLAX BANK 2 D-WORK - PHASE II	2024	\$2,466	N	N/A	N/A	GNA_253441103_Capacity	253441103	CALFLAX 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3088	No	North Coast	Humboldt	Line Section	RIO DELL 1101	Install new circuit	2024	\$8,581	N	N/A	N/A	GNA_192251101_Capacity	192251101	RIO DELL 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3091	No	Central Valley	Fresno	Line Section	Califax Bank 2	CALFLAX BANK 2 D-WORK - 2022	2024	\$6,982	N	N/A	N/A	GNA_253441103_Capacity	253441103	CALFLAX 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3092	No	Bay Area	San Francisco	Line Section	MISSION (SF X) 1120	Circuit Reinforcement	2024	\$3,401	N	N/A	N/A	GNA_022011120_Capacity	022011120	MISSION (SF X) 1120	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3094	No	Central Valley	Fresno	Line Section	Figarden 2114	Install new feeder	2024	\$4,896	N	N/A	N/A	GNA_254552102_Capacity	254552102	FIGARDEN 2102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1263	Yes	Central Valley	Kern	Line Section	San Bernard 1102	San Bernard 1102 – Distribution work for San Bernard new bank	2024	\$4,474	N	N/A	N/A	GNA_253191102_Capacity	253191102	SAN BERNARD 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3095	No	Central Valley	Kern	Line Section	SAN BERNARD BANK 2	Line work at San Bernard Bank 2	2024	\$350	N	N/A	N/A	GNA_253191102_Capacity	253191102	SAN BERNARD 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3097	No	South Bay and Central Coast	Central Coast	Line Section	Camp Evers 2106	Camp Evers 2106 circuit split >6000 customers. Add breaker in spare	2024	\$1,274	N	N/A	N/A	GNA_083622106_Reliability	083622106	CAMP EVERS 2106	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1106	Yes	Bay Area	San Francisco	Line Section	A1113 Circuit Reinforcement	A1113 Circuit Reinforcement	2024	\$7,177	N	N/A	N/A	GNA_022031113_Capacity	022031113	POTRERO (SF A) 1113	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3099	No	Bay Area	East Bay	Line Section	San Pablo 1104	Install new feeder	2024	\$8,103	N	N/A	N/A	GNA_014371105_Capacity	014371105	SAN PABLO 1105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3100	No	North Coast	North Bay	Line Section	Pueblo 2104	Install new feeder	2024	\$1,531	N	N/A	N/A	GNA_043292104_Capacity	043292104	PUEBLO NEW 2104 (2022)	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3101	No	South Bay and Central Coast	Los Padres	Line Section	San Miguel 1104	RELOCATE SAN MIGUEL 1104 OUTLET	2024	\$1,613	N	N/A	N/A	GNA_182661104_Capacity	182661104	SAN MIGUEL 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3102	No	South Bay and Central Coast	Los Padres	Line Section	San Miguel 1104	RELOCATE SAN MIGUEL 1104 OUTLET (T-LINE)	2024	\$834	N	N/A	N/A	GNA_182661104_Capacity	182661104	SAN MIGUEL 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3104	No	North Coast	Sonoma	Line Section	SANTA ROSA A 1102, 1103 & 1106	Reconfigure circuits	2024	\$1,469	N	N/A	N/A	GNA_042151106_Capacity	042151106	SANTA ROSA A 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3104	No	North Coast	Sonoma	Line Section	SANTA ROSA A 1																		

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Appendix I.1: Planned Investments - Line Sections

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Customer Count																							
DDOR ID	Previous DDOR?	Distribution Planning Region	Division	Project Type	Project Name	Project Description	In-service Date	Project Cost (\$k)	Deferrable (Y/N)	LNBA Value (\$/kW-yr)	LNBA Value (\$/Vpu-yr)	GNA Need ID	Facility ID	GNA Facility Name	Distribution Service Required	Grid Need	Grid Need Unit	Residential	Commercial	Industrial	Agricultural	Other	Total
DDOR1160	Yes	Bay Area	San Francisco	Line Section	Potrero (SF A) 1101	Transfer to existing feeder	2024	\$500	N	N/A	N/A	GNA_022071101_Capacity	022071101	SF E 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1160	Yes	Bay Area	San Francisco	Line Section	Potrero (SF A) 1101	Transfer to existing feeder	2024	\$500	N	N/A	N/A	GNA_022071103_Capacity	022071103	SF E 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3118	No	Bay Area	Mission	Line Section	Mt Eden 1114	Install SCADAMATE-SD Mt Eden 1114	2024	\$61	N	N/A	N/A	GNA_013761114_Capacity	013761114	MT EDEN 1114	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3119	No	Central Valley	Fresno	Line Section	West Fresno 1105	West Fresno 1105 Low Voltage and PF	2024	\$124	N	N/A	N/A	GNA_253731105_Voltage	253731105	WEST FRESNO 1105	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3120	No	South Bay and Central Coast	Central Coast	Line Section	Los Ositos 2103	Reconductor Los Ositos 2103	2024	\$7,000	N	N/A	N/A	GNA_182201104_Capacity	182201104	SPENCE 1104 (OLD 1122)	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3120	No	South Bay and Central Coast	Central Coast	Line Section	Los Ositos 2103	Reconductor Los Ositos 2103	2024	\$7,000	N	N/A	N/A	GNA_182201102_Capacity	182201102	SPENCE 1102 (OLD 1123)	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1125	Yes	South Bay and Central Coast	De Anza	Line Section	Los Altos 1103	Extend Los Altos 1103	2024	\$4,173	N	N/A	N/A	GNA_082241103_Capacity	082241103	LOS ALTOS 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3121	No	Bay Area	Peninsula	Line Section	Glenwood 1102	Replace conductor	2024	\$358	N	N/A	N/A	GNA_024091102_Capacity	024091102	GLENWOOD 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3122	No	Central Valley	Fresno	Line Section	Giffen 1102	Reconductor Giffen 1102	2024	\$115	N	N/A	N/A	GNA_253151102_Capacity	253151102	GIFFEN 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3123	No	Central Valley	Fresno	Line Section	Sand Creek 1103	Reconductor Sand Creek 1103	2024	\$3,701	N	N/A	N/A	GNA_254601103_Capacity	254601103	SAND CREEK 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3124	No	South Bay and Central Coast	De Anza	Line Section	Loyola 401	Cutover Loyola 401	2024	\$691	N	N/A	N/A	GNA_082160401_Capacity	082160401	LOYOLA 0401	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3125	No	North Coast	Sonoma	Line Section	Windsor 1101	Line work at Windsor 1101	2024	\$1,131	N	N/A	N/A	GNA_043501101_Capacity	043501101	WINDSOR 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3126	No	Central Valley	Yosemite	Line Section	Madera 1114	Reconductor Madera 1114	2024	\$192	N	N/A	N/A	GNA_252761114_Capacity	252761114	MADERA 1114	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3127	No	Bay Area	Peninsula	Line Section	Bair 1105	Replace cable	2024	\$120	N	N/A	N/A	GNA_024261105_Capacity	024261105	BAIR 1105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3128	No	Central Valley	Yosemite	Line Section	Oro Loma 1106	Install fuses	2024	\$10	N	N/A	N/A	GNA_255371106_Reliability	255371106	ORO LOMA 1106	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1132	Yes	Central Valley	Yosemite	Line Section	EL NIDOS 1104	Install 300A CLD Regs S/O 4743- EL Nido 1104	2024	\$114	N	N/A	N/A	GNA_252451104_Voltage	252451104	EL NIDO 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3129	No	Central Valley	Yosemite	Line Section	Storey 1109	Storey 1109- Install 1200KVAR OH SCADA CAP	2024	\$33	N	N/A	N/A	GNA_254611109_Voltage	254611109	STOREY 1109	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3130	No	Bay Area	Peninsula	Line Section	Redwood City 1104	ADD SCADA TO SW 77096- RWC 1104	2024	\$47	N	N/A	N/A	GNA_024161104_Reliability	024161104	REDWOOD CITY 1104	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3131	No	Bay Area	Diablo	Line Section	WILLOW PASS 1101	Install new feeders	2025	\$4,521	N	N/A	N/A	GNA_013911101_Capacity	013911101	WILLOW PASS 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3132	No	Bay Area	San Francisco	Line Section	Mission X1107	Circuit Reinforcement	2025	\$13,975	N	N/A	N/A	GNA_022011107_Capacity	022011107	MISSION (SF X) 1107	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3133	No	North Coast	North Bay	Line Section	Calistoga 1103	Install new feeder	2025	\$3,037	N	N/A	N/A	GNA_042711101_Capacity	042711101	CALISTOGA 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3134	No	Central Valley	Fresno	Line Section	McCall 1103	Reconductor McCall 1103	2025	\$2,264	N	N/A	N/A	GNA_254121103_Capacity	254121103	MC CALL 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1123	Yes	North Coast	Humboldt	Line Section	Potter Valley 1105	Reconductor Potter Valley 1105	2025	\$2,376	N	N/A	N/A	GNA_042281105_Capacity	042281105	POTTER VALLEY P H 1105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3135	No	Central Valley	Kern	Line Section	Stockdale 2112	Install new line regulator	2025	\$381	N	N/A	N/A	GNA_254072112_Capacity	254072112	STOCKDALE 2112	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3136	No	Central Valley	Kern	Line Section	Famoso Bank 1	Transfer to existing feeder	2025	\$2,623	N	N/A	N/A	GNA_253651102_Capacity	253651102	SHAFTER 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1241	Yes	Central Valley	Fresno	Line Section	Caruthers 1102	Reconductor Caruthers 1102	2025	\$5,357	N	N/A	N/A	GNA_252371102_Capacity	252371102	CARUTHERS 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR158	Yes	North Coast	Humboldt	Line Section	Clear Lake 1101	Transfer to existing feeder	2025	\$2,097	N	N/A	N/A	GNA_042141101_Capacity	042141101	CLEAR LAKE 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1049	Yes	South Bay and Central Coast	Central Coast	Line Section	Fort Ord 2107	Reconductor Fort Ord 2107 & Castroville 2104	2025	\$4,680	N	N/A	N/A	GNA_182402107_Capacity	182402107	FORT ORD 2107	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3137	No	Central Valley	Yosemite	Line Section	Dairyland 1105	Reconductor Dairyland 1105	2025	\$601	N	N/A	N/A	GNA_252421105_Capacity	252421105	DAIRYLAND 1105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1145	Yes	North Coast	Humboldt	Line Section	Lucerne 1103	Line work	2025	\$3,333	N	N/A	N/A	GNA_043351103_Capacity	043351103	LUCERNE 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1145	Yes	North Coast	Humboldt	Line Section	Lucerne 1103	Line work	2025	\$3,333	N	N/A	N/A	GNA_042871101_Capacity	042871101	UPPER LAKE 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR264	Yes	Bay Area	East Bay	Line Section	Oakland J1101 & J1104	Circuit Reinforcement	2025	\$1,721	N	N/A	N/A	GNA_012091104_Capacity	012091104	OAKLAND J 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3138	No	Central Valley	Kern	Line Section	Rio Bravo 1104	Transfer to existing feeder	2025	\$1,001	N	N/A	N/A	GNA_252861104_Capacity	252861104	RIO BRAVO 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3139	No	South Bay and Central Coast	Central Coast	Line Section	Soledad 2105	Reconductor Soledad 2105	2025	\$9,092	N	N/A	N/A	GNA_182052105_Capacity	182052105	SOLEDAD 2105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3140	No	Central Valley	Kern	Line Section	PANOCHÉ 1103	PANOCHÉ SUB: INST 21 KV BK - DIST WORK	2025	\$12,721	N	N/A	N/A	GNA_253671103_Capacity	253671103	PANOCHÉ 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3141	No	Bay Area	San Francisco	Line Section	POTRERO (SF A) 1106	Reconductor POTRERO (SF A) 1106	2025	\$1,030	N	N/A	N/A	GNA_022031106_Capacity	022031106	POTRERO (SF A) 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1244	Yes	South Bay and Central Coast	Central Coast	Line Section	Watsonville 2101	Reconductor Watsonville 2101	2025	\$541	N	N/A	N/A	GNA_083332101_Capacity	083332101	WATSONVILLE 2101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3143	No	Central Valley	Yosemite	Line Section	Cassidy 2108	Cutover Cassidy 2108	2025	\$2,018	N	N/A	N/A	GNA_254272108_Capacity	254272108	CASSIDY 2108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3144	No	Central Valley	Yosemite	Line Section	Cassidy 2108	Cutover Cassidy 2108	2025	\$981	N	N/A	N/A	GNA_254272108_Capacity	254272108	CASSIDY 2108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3145	No	Central Valley	Kern	Line Section	Tejon 1107 & 1102	Line work	2025	\$3,040	N	N/A	N/A	GNA_252931102_Capacity	252931102	TEJON 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3145	No	Central Valley	Kern	Line Section	Tejon 1107 & 1102	Line work	2025	\$3,040	N	N/A	N/A	GNA_252931107_Capacity	252931107	TEJON 1107 (2022)	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3146	No	Central Valley	Sonoma	Line Section	MONROE 2108	Install new feeder	2025	\$3,300	N	N/A	N/A	GNA_043301105_Capacity	043301105	MONROE 1105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3147	No	Central Valley	Kern	Line Section	SEMITROPIC 1112	Reconductor Semitropic 1112	2025	\$3,196	N	N/A	N/A	GNA_252901112_Capacity	252901112	SEMITROPIC 1112	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR184	Yes	North Valley and Sierra	Sierra	Line Section	Marysville 1105	Install new line section	2025	\$2,090	N	N/A	N/A	GNA_152901103_Capacity	152901103	OLIVEHURST 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3148	No	Central Valley	Fresno	Line Section	Sand Creek 1103	Reconductor Sand Creek 1103	2025	\$3,827	N	N/A	N/A	GNA_254601103_Capacity	254601103	SAND CREEK 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3149	No	Central Valley	Fresno	Line Section	Sand Creek 1103	Reconductor Sand Creek 1103	2025	\$3,197	N	N/A	N/A	GNA_254601103_Capacity	254										

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DDOR1048	Yes	Central Valley	Fresno	Line Section	Coalinga No 2 1106	Line work for Coalinga 1106	2025	\$4,639	N	N/A	N/A	GNA_252381106_Capacity	252381106	COALINGA NO 2 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1168	Yes	North Coast	Sonoma	Line Section	Bellevue 1104	Reconductor Bellevue 1104	2025	\$1,344	N	N/A	N/A	GNA_043181104_Capacity	043181104	BELLEVUE 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1051	Yes	Central Valley	Fresno	Line Section	CALIFORNIA AVE 1111	Transfer to existing feeder	2025	\$1,120	N	N/A	N/A	GNA_252281111_Capacity	252281111	CALIFORNIA AVE 1111	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1051	Yes	Central Valley	Fresno	Line Section	CALIFORNIA AVE 1111	Transfer to existing feeder	2025	\$1,120	N	N/A	N/A	GNA_252281102_Capacity	252281102	CALIFORNIA AVE 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1150	Yes	North Valley and Sierra	North Valley	Line Section	Corning 1103	Replace 3500 ft of line	2025	\$560	N	N/A	N/A	GNA_103331103_Capacity	103331103	CORNING 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3163	No	North Coast	Humboldt	Line Section	HOPLAND 1101	Reconductor Hopland 1101	2025	\$3,491	N	N/A	N/A	GNA_042251101_Capacity	042251101	HOPLAND 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3164	No	Bay Area	East Bay	Line Section	Oakland D 1106	Reconductor Oakland D 1106	2025	\$3,910	N	N/A	N/A	GNA_012041106_Capacity	012041106	OAKLAND D 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3165	No	Central Valley	Fresno	Line Section	Malaga 1102	Reconductor Malaga 1102	2025	\$2,490	N	N/A	N/A	GNA_254251102_Capacity	254251102	MALAGA 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3166	No	South Bay and Central Coast	Central Coast	Line Section	Hollister 2105	Reconductor Hollisters 2105	2025	\$3,216	N	N/A	N/A	GNA_182492105_Capacity	182492105	HOLLISTER 2105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR173	Yes	Central Valley	Stockton	Line Section	Herdlyn 1103	Reconductor Herdlyn 1103	2025	\$1,543	N	N/A	N/A	GNA_163741103_Capacity	163741103	HERDLYN 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR230	Yes	Central Valley	Fresno	Line Section	Schindler 1114	Reconductor and install regulator	2025	\$390	N	N/A	N/A	GNA_252891114_Capacity	252891114	SCHINDLER 1114	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3167	No	Central Valley	Yosemite	Line Section	Dairyland 1109	Reconductor Dairyland 1109	2025	\$2,032	N	N/A	N/A	GNA_252421109_Capacity	252421109	DAIRYLAND 1109	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR224	Yes	Central Valley	Yosemite	Line Section	Oro Loma 1106	Reconductor Oro Loma 1106	2025	\$1,518	N	N/A	N/A	GNA_255371106_Capacity	255371106	ORO LOMA 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3168	No	Central Valley	Stockton	Line Section	WEBER 1111	Install new line	2025	\$2,217	N	N/A	N/A	GNA_163481101_Reliability	163481101	WEBER 1101	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3169	No	South Bay and Central Coast	Los Padres	Line Section	SANTA MARIA 1112	Install mainline backtie and 3-way scada switch	2025	\$354	N	N/A	N/A	GNA_182671112_Reliability	182671112	SANTA MARIA 1112	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3170	No	Central Valley	Stockton	Line Section	Herdlyn 1103	HERDLYN 1103 2CU OUTLET TRANSMISSION PLS	2025	\$3,132	N	N/A	N/A	GNA_163741103_Capacity	163741103	HERDLYN 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3182	No	South Bay and Central Coast	Los Padres	Line Section	Oceano 1106	Reconductor Oceano 1106	2025	\$245	N	N/A	N/A	GNA_182601106_Capacity	182601106	OCEANO 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3207	No	Central Valley	Kern	Line Section	Wheeler Ridge 1101	Wheeler Ridge 1101 - replace 40T with SB and replace 40T with 65E	2025	\$20	N	N/A	N/A	GNA_253481101_Capacity	253481101	WHEELER RIDGE 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3209	No	Central Valley	North Bay	Line Section	Peabody Bank 3 & Peabody 2114	Replace bank and install new feeder	2025	\$9,280	N	N/A	N/A	GNA_63642114_Capacity	063642114	PEABODY 2114	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3213	No	Central Valley	Kern	Line Section	7th Standard 2101	Extend 7th Standard 2101	2025	\$5,666	N	N/A	N/A	GNA_254582101_Capacity	254582101	7TH STANDARD 2101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3222	No	North Valley and Sierra	North Valley	Line Section	Glenn 1101 & Orland B 1102	Transfer to existing feeder	2025	\$2,780	N	N/A	N/A	GNA_102601101_Capacity	102601101	GLENN 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3222	No	North Valley and Sierra	North Valley	Line Section	Glenn 1101 & Orland B 1102	Transfer to existing feeder	2025	\$2,780	N	N/A	N/A	GNA_102701102_Capacity	102701102	ORLAND B 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3237	No	North Coast	Sonoma	Line Section	Santa Rosa A 1105	Reconductor Santa Rosa A 1105	2025	\$768	N	N/A	N/A	GNA_042151105_Capacity	042151105	SANTA ROSA A 1105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1128	Yes	North Valley and Sierra	North Valley	Line Section	Glenn 1101	Voltage Correction	2024	\$150	N	N/A	N/A	GNA_102601101_Voltage	102601101	GLENN 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1170	Yes	Bay Area	Diablo	Line Section	Contra Costa 2113	Replace Contra Costa 2113	2025	\$183	N	N/A	N/A	GNA_013652113_Capacity	013652113	CONTRA COSTA 2113	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3499	No	South Bay and Central Coast	Los Padres	Line Section	Cholame 1101	Reconductor Cholame 1101	2025	\$3,479	N	N/A	N/A	GNA_182561101_Voltage	182561101	CHOLAME 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3507	No	South Bay and Central Coast	Central Coast	Line Section	Otter 1102	Reconductor Otter 1102	2025	\$10,754	N	N/A	N/A	GNA_182941102_Voltage	182941102	OTTER 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3509	No	Central Valley	Sacramento	Line Section	Vaca Dixon 1110	Install new feeder	2025	\$10,458	N	N/A	N/A	GNA_63591110_Voltage	063591110	VACA DIXON 1110	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3554	No	Central Valley	Kern	Line Section	7th Standard 2105	Install new feeder	2025	\$4,428	N	N/A	N/A	GNA_254582105_Capacity	254582105	7TH STANDARD 2105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3555	No	Central Valley	Kern	Line Section	7th Standard 2106	Install new feeder	2025	\$6,378	N	N/A	N/A	GNA_254582106_Capacity	254582106	7TH STANDARD 2106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3579	No	North Valley and Sierra	San Jose	Line Section	Dixon Landing 2103	Install new cable and switches	2025	\$1,111	N	N/A	N/A	GNA_014722103_Capacity	014722103	DIXON LANDING 2103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3582	No	Central Valley	Stockton	Line Section	Weber 1118	Install new feeder	2025	\$3,232	N	N/A	N/A	GNA_163481118_Voltage	163481118	WEBER 1118	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3583	No	South Bay and Central Coast	Sonoma	Line Section	Cloverdale 1102	Reconductor Cloverdale 1102	2025	\$478	N	N/A	N/A	GNA_042821102_Capacity	042821102	CLOVERDALE 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3585	No	Central Valley	Fresno	Line Section	Coalinga No 1 1105	Install new feeder	2025	\$4,000	N	N/A	N/A	GNA_252161107_Capacity	252161107	COALINGA NO 1 1107	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3587	No	Central Valley	Central Coast	Line Section	Ford Ord 1101	Cutover Ford Ord 1101	2025	\$1,185	N	N/A	N/A	GNA_182401101_Reliability	182401101	FORT ORD 1101	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3067	No	Central Valley	Stockton	Line Section	Corral 1101	Install new feeder	2024	\$900	N	N/A	N/A	GNA_162991101_Reliability	162991101	CORRAL 1101	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3161	No	Central Valley	Yosemite	Line Section	Peoria 1705	Install new feeder	2025	\$1,860	N	N/A	N/A	GNA_163781705_Reliability	163781705	PEORIA FLAT 1705	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3058	No	North Coast	Humboldt	Line Section	Garberville 1101 & 1102	Line work at Garberville 1101 & 1102	2024	\$1,385	N	N/A	N/A	GNA_192221102_Voltage	192221102	GARBERVILLE 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3062	No	Central Valley	Kern	Line Section	Old River 1105	Transfer to new feeder	2024	\$135	N	N/A	N/A	GNA_252821103_Voltage	252821103	OLD RIVER 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3063	No	Central Valley	Yosemite	Line Section	Merced 1114	Reconductor Merced 1114	2024	\$286	N	N/A	N/A	GNA_252801114_Voltage	252801114	MERCED 1114	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3064	No	Central Valley	Fresno	Line Section	Giffen 1102	Capacity work	2024	\$1,630	N	N/A	N/A	GNA_253151102_Voltage	253151102	GIFFEN 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3066	No	North Coast	Humboldt	Line Section	Willow Creek 1101	Reconductor Willow Creek 1101	2024	\$820	N	N/A	N/A	GNA_192171101_Voltage	192171101	WILLOW CREEK 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1273	Yes	North Coast	Sonoma	Line Section	Windsor 1102	Reconductor Windsor 1102	2024	\$1,733	N	N/A	N/A	GNA_043501102_Voltage	043501102	WINDSOR 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3076	No	South Bay and Central Coast	De Anza	Line Section	Loyola Bank 1	Transfer to existing feeder	2024	\$4,544	N	N/A	N/A	GNA_082160401_Voltage	082160401	LOYOLA 0401	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3077	No	Bay Area	Peninsula	Line Section	Emerald Lake 402	EMERALD LAKE 402 INSTALL SCADA REG BANK	2024	\$150	N	N/A	N/A	GNA_024080402_Voltage	024080402	EMERALD LAKE 0402	Voltage	N/A	N/A						

PG&E 2023 Distribution Deferral Opportunity Report (DDOR)

Appendix I.1: Planned Investments - Line Sections

Version Date 11/30/2023

Public

																				Customer Count			
DDOR ID	Previous DDOR?	Distribution Planning Region	Division	Project Type	Project Name	Project Description	In-service Date	Project Cost (\$k)	Deferrable (Y/N)	LNBA Value (\$/kW-yr)	LNBA Value (\$/Vpu-yr)	GNA Need ID	Facility ID	GNA Facility Name	Distribution Service Required	Grid Need	Grid Need Unit	Residential	Commercial	Industrial	Agricultural	Other	Total
DDOR1244	Yes	South Bay and Central Coast	Central Coast	Line Section	Watsonville 2101	Reconductor Watsonville 2101	2025	\$541	N	N/A	N/A	GNA_083332101_Voltage	083332101	WATSONVILLE 2101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3147	No	Central Valley	Kern	Line Section	Semitropic 1112	Reconductor Semitropic 1112	2025	\$3,196	N	N/A	N/A	GNA_252901112_Voltage	252901112	SEMITROPIC 1112	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3148	No	Central Valley	Fresno	Line Section	Sand Creek 1103	Reconductor Sand Creek 1103	2025	\$3,827	N	N/A	N/A	GNA_254601103_Voltage	254601103	SAND CREEK 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3149	No	Central Valley	Fresno	Line Section	Sand Creek 1103	Reconductor Sand Creek 1103	2025	\$3,197	N	N/A	N/A	GNA_254601103_Voltage	254601103	SAND CREEK 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3150	No	South Bay and Central Coast	De Anza	Line Section	Loyola 401	Cutover Loyola 401	2025	\$825	N	N/A	N/A	GNA_082160401_Voltage	082160401	LOYOLA 0401	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3151	No	South Bay and Central Coast	De Anza	Line Section	Loyola 401	Cutover Loyola 401	2025	\$326	N	N/A	N/A	GNA_082160401_Voltage	082160401	LOYOLA 0401	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1048	Yes	Central Valley	Fresno	Line Section	Coalinga No 2 1106	Line work	2025	\$4,639	N	N/A	N/A	GNA_252381106_Voltage	252381106	COALINGA NO 2 1106	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3166	No	South Bay and Central Coast	Central Coast	Line Section	Hollister 2105	Reconductor Hollisters 2105	2025	\$3,216	N	N/A	N/A	GNA_182492105_Voltage	182492105	HOLLISTER 2105	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR224	Yes	Central Valley	Yosemite	Line Section	Oro Loma 1106	Reconductor Oro Loma 1106	2025	\$1,518	N	N/A	N/A	GNA_255371106_Voltage	255371106	ORO LOMA 1106	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Customer Count																							
DDOR ID	Previous DDOR?	Distribution Planning Region	Division	Project Type	Project Name	Project Description	In-service Date	Project Cost (\$k)	Deferrable (Y/N)	LNBA Value (\$/kW-yr)	LNBA Value (\$/Vpu-yr)	GNA Need ID	Facility ID	GNA Facility Name	Distribution Service Required	Grid Need	Grid Need Unit	Residential	Commercial	Industrial	Agricultural	Other	Total
DDOR3000	No	Bay Area	San Francisco	Line Section	Mission X-1129	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_022031115_Capacity	022031115	POTRERO (5F A) 1115	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3001	No	Bay Area	Diablo	Line Section	Brentwood 2104	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_014592104_Reliability	014592104	BRENTWOOD NEW 2104 (2022)	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3001	No	Bay Area	Diablo	Line Section	Brentwood 2104	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_014592112_Reliability	014592112	BRENTWOOD 2112	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3002	No	North Coast	Humboldt	Line Section	Hopland 1101	HOPLAND 1101 RECONDUCTORING FOR CAPACITY	N/A	N/A	N	N/A	N/A	GNA_042251101_Capacity	042251101	HOPLAND 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3003	No	Bay Area	Peninsula	Line Section	East Grand 1116 & 1117	Install new feeders	N/A	N/A	N	N/A	N/A	GNA_022571109_Capacity	022571109	EAST GRAND 1109	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1226	Yes	Central Valley	Stockton	Line Section	Weber 1106	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_163481110_Capacity	163481110	WEBER 1110	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3006	No	North Valley and Sierra	Sierra	Line Section	Placer Bank 2	Replace Placer Bank 2 outlets	N/A	N/A	N	N/A	N/A	GNA_152461101_Reliability	152461101	PLACER 1101	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3007	No	North Coast	Humboldt	Line Section	Rio Dell 1101	RIO DELL SHOD FLY WORK	N/A	N/A	N	N/A	N/A	GNA_192251101_Capacity	192251101	RIO DELL 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3008	No	North Valley and Sierra	Sacramento	Line Section	Knights Landing 1101 & 1102	Knights Landing Distribution Work	N/A	N/A	N	N/A	N/A	GNA_062721101_Reliability	062721101	KNIGHTS LANDING 1101	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3008	No	North Valley and Sierra	Sacramento	Line Section	Knights Landing 1101 & 1102	Knights Landing Distribution Work	N/A	N/A	N	N/A	N/A	GNA_062721102_Reliability	062721102	KNIGHTS LANDING 1102	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3009	No	North Valley and Sierra	Sierra	Line Section	Bogue 1108	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_153781105_Capacity	153781105	BOGUE 1105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3009	No	North Valley and Sierra	Sierra	Line Section	Bogue 1108	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_153781102_Capacity	153781102	BOGUE 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3009	No	North Valley and Sierra	Sierra	Line Section	Bogue 1108	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_153781103_Capacity	153781103	BOGUE 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3010	No	North Valley and Sierra	Sacramento	Line Section	Dunningan 1101	Line work	N/A	N/A	N	N/A	N/A	GNA_063811101_Capacity	063811101	DUNNIGAN 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3011	No	North Valley and Sierra	Sacramento	Line Section	Dunningan 1101	Line work	N/A	N/A	N	N/A	N/A	GNA_063811101_Capacity	063811101	DUNNIGAN 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3012	No	North Valley and Sierra	Sacramento	Line Section	Dunningan 1101	Line work	N/A	N/A	N	N/A	N/A	GNA_063811101_Capacity	063811101	DUNNIGAN 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3013	No	North Valley and Sierra	Sacramento	Line Section	Grand Island 2226 & 2227	EP - DUNNINGAN BANK PF - MULT. CAP. INST.	N/A	N/A	N	N/A	N/A	GNA_063811101_Capacity	063811101	DUNNIGAN 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3014	No	South Bay and Central Coast	Central Coast	Line Section	Spence 1101	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_182201104_Capacity	182201104	SPENCE 1104 (OLD 1122)	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3014	No	South Bay and Central Coast	Central Coast	Line Section	Spence 1101	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_182201102_Capacity	182201102	SPENCE 1102 (OLD 1123)	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3015	No	South Bay and Central Coast	San Jose	Line Section	Trimble 2118	2950 ZANKER RD 21KV CAPACITY	N/A	N/A	N	N/A	N/A	GNA_083802118_Capacity	083802118	TRIMBLE 2118	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3016	No	South Bay and Central Coast	San Jose	Line Section	El Patio 1101 and El Patio 1111	Transfer to existing feeder	N/A	N/A	N	N/A	N/A	GNA_082921107_Capacity	082921107	EL PATIO 1107	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3017	No	Central Valley	Yosemite	Line Section	Bonita 1101	Bonita 1101 Reconductoring	N/A	N/A	N	N/A	N/A	GNA_255391101_Capacity	255391101	BONITA 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3018	No	Central Valley	Yosemite	Line Section	Bonita 1103	BONITA 1103 - INSTALL CAPACITORS OL & PF	N/A	N/A	N	N/A	N/A	GNA_255391103_Capacity	255391103	BONITA 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1227	Yes	North Coast	Humboldt	Line Section	Newburg 1131	Newburg 1131 Reconductor	N/A	N/A	N	N/A	N/A	GNA_192151131_Capacity	192151131	NEWBURG 1131	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3019	No	Central Valley	Fresno	Line Section	McCall 1103	MCCALL 1103 RECOND 2,000'	N/A	N/A	N	N/A	N/A	GNA_254121103_Capacity	254121103	MC CALL 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1272	Yes	Central Valley	Kern	Line Section	7th Standard 2102	Line work at 7th Standard 2102	N/A	N/A	N	N/A	N/A	GNA_254582102_Capacity	254582102	7TH STANDARD 2102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3020	No	Bay Area	Diablo	Line Section	Geary 401	GEARY 401 INSTALL CAP BANK, PHASE BALANCE	N/A	N/A	N	N/A	N/A	GNA_013590401_Voltage	013590401	GEARY 0401	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3021	No	North Valley	North Valley	Line Section	Cottonwood 1101	REPLACE R379 ON COTTONWOOD 1101	N/A	N/A	N	N/A	N/A	GNA_102931101_Voltage	102931101	COTTONWOOD 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3022	No	North Valley and Sierra	Sacramento	Line Section	Grand Island 2226 & 2227	GRAND ISLAND 2226/2227-RECONDUCTOR 267AL	N/A	N/A	N	N/A	N/A	GNA_062462226_Capacity	062462226	GRAND ISLAND 2226	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3023	No	Bay Area	Diablo	Line Section	Contra Costa 2105	CAPACITY WORK FOR LN WC	N/A	N/A	N	N/A	N/A	GNA_013532225_Capacity	013532225	LAKEWOOD 2225	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3024	No	North Coast	Humboldt	Line Section	Newburg 1131	NEWBURG 1131/REPL TRANS POLES 5 DISTRO	N/A	N/A	N	N/A	N/A	GNA_192151131_Capacity	192151131	NEWBURG 1131	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3025	No	South Bay and Central Coast	Central Coast	Line Section	Fort Ord 2107	21KV EXTENSION	N/A	N/A	N	N/A	N/A	GNA_182402107_Capacity	182402107	FORT ORD 2107	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3026	No	Bay Area	San Francisco	Line Section	Mission (X) 1113	X1113 CIRCUIT REINFORCEMENT	N/A	N/A	N	N/A	N/A	GNA_022011113_Capacity	022011113	MISSION (SF X) 1113	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3027	No	Central Valley	Yosemite	Line Section	El Capitan 1102	Transfer to existing feeder	N/A	N/A	N	N/A	N/A	GNA_253881102_Capacity	253881102	EL CAPITAN 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3028	No	South Bay and Central Coast	Los Padres	Line Section	Santa Maria 1111	SM 1111 REINFORCEMENT PHASE 2 - UG WORK	N/A	N/A	N	N/A	N/A	GNA_182671111_Capacity	182671111	SANTA MARIA 1111	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3029	No	North Valley and Sierra	Sierra	Line Section	Cattlett 1102	RECONDUCTOR CATLETT 1102	N/A	N/A	N	N/A	N/A	GNA_153761102_Capacity	153761102	CATLETT 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3030	No	South Bay and Central Coast	Central Coast	Line Section	Spence 1102	RECONDUCTOR TAP ENCINAL RD -SPENCE 1102	N/A	N/A	N	N/A	N/A	GNA_182201102_Capacity	182201102	SPENCE 1102 (OLD 1123)	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1134	Yes	Central Valley	Yosemite	Line Section	Panoche 1103	Transfer to existing feeder	N/A	N/A	N	N/A	N/A	GNA_253401104_Capacity	253401104	HAMMONDS 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3031	No	Central Valley	Kern	Line Section	Lerdo 1114	Lerdo 1114 -reconductor	N/A	N/A	N	N/A	N/A	GNA_253491114_Capacity	253491114	LERDO 1114 (OLD 1108)	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1140	Yes	North Valley and Sierra	Sacramento	Line Section	Zamora 1107	Transfer to new feeder	N/A	N/A	N	N/A	N/A	GNA_063171103_Capacity	063171103	MADISON 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1229	Yes	North Valley and Sierra	North Valley	Line Section	Gerber 1102	GERBER 1102: RECONDUCTOR 6-CU WITH 715-AAC	N/A	N/A	N	N/A	N/A	GNA_103391102_Capacity	103391102	GERBER 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3032	No	South Bay and Central Coast	Central Coast	Line Section	Soledad 2102	Reconductor Soledad 2102 - 700' 267AL	N/A	N/A	N	N/A	N/A	GNA_182052102_Capacity	182052102	SOLEDAD 2102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR267	Yes	South Bay and Central Coast	Los Padres	Line Section	Santa Maria 1111	Reconductor Santa Maria 1111	N/A	N/A	N	N/A	N/A	GNA_182671111_Capacity	182671111	SANTA MARIA 1111	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3033	No	South Bay and Central Coast	Los Padres	Line Section	Santa Maria 1111	SANTA MARIA 1111 REINF TRANSMISSION PLS	N/A	N/A	N	N/A	N/A	GNA_182671111_Capacity	182671111	SANTA MARIA 1111	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3034	No	Central Valley	Kern	Line Section	Semitropic 1108	Reconductor	N/A	N/A	N	N/A	N/A	GNA_252901108_Capacity	252901108	SEMITROPIC 1108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1076	Yes	South Bay and Central Coast	San Jose	Line Section	Montague 2106	Extend Montague 2106	N/A	N/A	N	N/A	N/A	GNA_083892106_Capacity	083892106	MONTAGUE 2106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3035</																							

Customer Count																							
DDOR ID	Previous DDOR?	Distribution Planning Region	Division	Project Type	Project Name	Project Description	In-service Date	Project Cost (\$k)	Deferrable (Y/N)	LNBA Value (\$/kW-yr)	LNBA Value (\$/Vpu-yr)	GNA Need ID	Facility ID	GNA Facility Name	Distribution Service Required	Grid Need	Grid Need Unit	Residential	Commercial	Industrial	Agricultural	Other	Total
DDOR3053	No	Central Valley	Kern	Line Section	Cal Water 1102	CAL WATER 1102 BACKTIE	N/A	N/A	N	N/A	N/A	GNA_255451102_Reliabil	255451102	CAL WATER 1102	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3054	No	Bay Area	Peninsula	Line Section	East Grand 1106	REDUCE LOAD ON EG1106 TO <600AMPS	N/A	N/A	N	N/A	N/A	GNA_022571106_Capacit	022571106	EAST GRAND 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3055	No	South Bay and Central Coast	Central Coast	Line Section	Paul Sweet 2104	EP - Replace SWs Paul Sweet 2104	N/A	N/A	N	N/A	N/A	GNA_083252104_Reliabil	083252104	PAUL SWEET 2104	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3056	No	Central Valley	Kern	Line Section	Bakersfield Bank 2	BAKERSFIELD BK 2 - SCADA 5 CAPACITORS	N/A	N/A	N	N/A	N/A	GNA_253371118_Voltage	253371118	BAKERSFIELD 1118	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3171	No	Central Valley	Kern	Line Section	Semitropic 1101	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_252901101_Capacit	252901101	SEMITROPIC 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3172	No	Central Valley	Kern	Line Section	Semitropic 1103	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_252901103_Capacit	252901103	SEMITROPIC 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3173	No	South Bay and Central Coast	Yosemite	Line Section	Le Grand 1106	Le Grand 1106 Reconductoring	N/A	N/A	N	N/A	N/A	GNA_255361106_Capacit	255361106	LE GRAND 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3174	No	North Coast	Sonoma	Line Section	Santa Rosa A 1108	Santa Rosa A 1108 Reconductor 6Cu to 397Al OH	N/A	N/A	N	N/A	N/A	GNA_042151108_Capacit	042151108	SANTA ROSA A 1108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3175	No	Central Valley	Kern	Line Section	Calwater 1102	Calwater 1102 - Replace B342 200A Regulator (% OL) with 300A regulator.	N/A	N/A	N	N/A	N/A	GNA_255451102_Capacit	255451102	CAL WATER 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3176	No	South Bay and Central Coast	Los Padres	Line Section	Atascadero 1101	EP - Atascadero 1101 FUSE 4663 ZONE 3rd PHASE	N/A	N/A	N	N/A	N/A	GNA_182541101_Voltage	182541101	ATASCADERO 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3177	No	Bay Area	Mission	Line Section	Fremont 1109	FREMONT 1109 CABLE INSTALLATION SW7068	N/A	N/A	N	N/A	N/A	GNA_014351109_Reliabil	014351109	FREMONT 1109	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3178	No	Bay Area	Peninsula	Line Section	Carolands 401	Carolands 401- 1 SCADA reg bank	N/A	N/A	N	N/A	N/A	GNA_024060401_Voltage	024060401	CAROLANDS 0401	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1120	Yes	North Coast	Humboldt	Line Section	Garberville 1102	Garberville 1102 - 21kV Cutover R2	N/A	N/A	N	N/A	N/A	GNA_192221102_Capacit	192221102	GARBERVILLE 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3180	No	Bay Area	Peninsula	Line Section	Woodside 1106	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_242511106_Capacity	024251106	WOODSIDE 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3181	No	Central Valley	Stockton	Line Section	Rough and Ready 1101	Install Rough and Ready 1101 feeder	N/A	N/A	N	N/A	N/A	GNA_163081101_Capacit	163081101	ROUGH AND READY ISLA 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3183	No	South Bay and Central Coast	Stockton	Line Section	Vierra 1706	Vierra 1706 I-5 Reconductoring	N/A	N/A	N	N/A	N/A	GNA_162701706_Capacit	162701706	VIERRA 1706	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3184	No	Central Valley	Stockton	Line Section	Stagg 1101	STAGG 1101 LR 9212 OVERLOAD RPL	N/A	N/A	N	N/A	N/A	GNA_162421101_Capacit	162421101	STAGG 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3185	No	Central Valley	Stockton	Line Section	Mormon 1102	Mormon 1102 Overload Relief	N/A	N/A	N	N/A	N/A	GNA_163211102_Capacit	163211102	MORMON 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3186	No	North Coast	Sonoma	Line Section	Cotati 1103	REPLACE AUTO TRASFORMER - COTATI 1103	N/A	N/A	N	N/A	N/A	GNA_042271103_Capacit	042271103	COTATI 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3187	No	Central Valley	Yosemite	Line Section	Curtis 1704	R2 CURTIS 1704 CLOSE UG LOOP	N/A	N/A	N	N/A	N/A	GNA_163351704_Reliabil	163351704	CURTIS 1704	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3188	No	South Bay and Central Coast	Los Padres	Line Section	Santa Maria 1110	SANTA MARIA 1110 - EOL VOLTAGE SUPPORT	N/A	N/A	N	N/A	N/A	GNA_182671110_Voltage	182671110	SANTA MARIA 1110	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1180	Yes	North Valley and Sierra	Sierra	Line Section	Clarksville 2103	Replace reg L37 on Clarksville 2103	N/A	N/A	N	N/A	N/A	GNA_153612103_Voltage	153612103	CLARKSVILLE 2103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1266	Yes	South Bay and Central Coast	Los Padres	Line Section	San Miguel 1107 & 2106	Line work	N/A	N/A	N	N/A	N/A	GNA_182661104_Voltage	182661104	SAN MIGUEL 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3189	No	South Bay and Central Coast	Fresno	Line Section	San Joaquin Bank 2	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_252361106_Capacit	252361106	SAN JOAQUIN 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3190	No	Central Valley	Stockton	Line Section	Lockeford Bank 1	LOCKEFORD SUB, REPLACE BANK 1	N/A	N/A	N	N/A	N/A	GNA_1636801_Reliability	1636801	LOCKEFORD NEW BANK 1 (2025)	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3191	No	Central Valley	Kern	Line Section	Twisselman 1102	Twisselman 1102 Reconductor 4/0AL with 715AL	N/A	N/A	N	N/A	N/A	GNA_254401102_Capacit	254401102	TWISSELMAN 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3192	No	Central Valley	Yosemite	Line Section	Mendota 1103	Mendota 1103 - Install OH Switch	N/A	N/A	N	N/A	N/A	GNA_252311103_Capacit	252311103	MENDOTA 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3193	No	Bay Area	Diablo	Line Section	Tidewater 2107	Tidewater 2107 Replace sw 19265	N/A	N/A	N	N/A	N/A	GNA_014652107_Capacit	014652107	TIDEWATER 2107	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3194	No	Central Valley	Kern	Line Section	Magudenn 1108	Magudenn 1108 - Reconductor 1722 ft of 1/0 Cu with 715AL conductor	N/A	N/A	N	N/A	N/A	GNA_252771108_Capacit	252771108	MAGUDENN 1108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3195	No	Central Valley	Kern	Line Section	Ganso 1104	Ganso 1104 Reconductor 6,480ft of 4Cu with 397AL	N/A	N/A	N	N/A	N/A	GNA_254541104_Capacit	254541104	GANSO 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1265	Yes	Central Valley	Fresno	Line Section	Schindler 1105	Schindler 1105 Resolve Overload and Low Voltage	N/A	N/A	N	N/A	N/A	GNA_252891105_Capacit	252891105	SCHINDLER 1105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3196	No	Central Valley	Yosemite	Line Section	Storey 1108	Storey 1108 OH Disconnect changed to 900A switch	N/A	N/A	N	N/A	N/A	GNA_254611108_Capacit	254611108	STOREY 1108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3197	No	Central Valley	Stockton	Line Section	New Hope 1102	New Hope Bank 1 Overload Relief	N/A	N/A	N	N/A	N/A	GNA_162081102_Capacit	162081102	NEW HOPE 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1131	Yes	Bay Area	Diablo	Line Section	Contra Costa 2114	Recable Contra Costa 2114 outlet	N/A	N/A	N	N/A	N/A	GNA_014452105_Capacit	014452105	KIRKER 2105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3198	No	Bay Area	Mission	Line Section	Grant 1102	Install New U.S. Switch - Grant 1102 Circuit	N/A	N/A	N	N/A	N/A	GNA_014381102_Capacit	014381102	GRANT 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3199	No	Bay Area	Diablo	Line Section	Clayton 2217	Clayton 2217 Resolve overload	N/A	N/A	N	N/A	N/A	GNA_012022217_Capacit	012022217	CLAYTON 2217	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3200	No	South Bay and Central Coast	San Jose	Line Section	Swift 2110	Install SCADA reg Bank on Swift 2110	N/A	N/A	N	N/A	N/A	GNA_083392110_Voltage	083392110	SWIFT 2110	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3201	No	Central Valley	Kern	Line Section	Midway 1102	Midway 1102 - Install 200A Reg	N/A	N/A	N	N/A	N/A	GNA_252611103_Voltage	252611103	MIDWAY 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3202	No	Central Valley	Fresno	Line Section	Clovis 1102	CLOVIS 1102- INSTALL REG AND PHASE BALAN	N/A	N/A	N	N/A	N/A	GNA_254081102_Voltage	254081102	CLOVIS 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1217	Yes	North Valley and Sierra	North Valley	Line Section	Jacinto 1101	JACINTO 1101--INSTALL LINE REGULATOR	N/A	N/A	N	N/A	N/A	GNA_102851101_Voltage	102851101	JACINTO 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3203	No	North Valley and Sierra	Sacramento	Line Section	Jameson 1105	Reconductor 2612 ft of 6 CU with 4/0 Al on Jameson 1105	N/A	N/A	N	N/A	N/A	GNA_063801105_Capacit	063801105	JAMESON 1105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3204	No	North Valley and Sierra	Sierra	Line Section	Bogue Bank 1	EP ADD SCADA ON CAP BANKS - BOGUE BK1	N/A	N/A	N	N/A	N/A	GNA_153781102_Voltage	153781102	BOGUE 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3204	No	North Valley and Sierra	Sierra	Line Section	Bogue Bank 1	EP ADD SCADA ON CAP BANKS - BOGUE BK1	N/A	N/A	N	N/A	N/A	GNA_153781103_Voltage	153781103	BOGUE 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3204	No	North Valley and Sierra	Sierra	Line Section	Bogue Bank 1	EP ADD SCADA ON CAP BANKS - BOGUE BK1	N/A	N/A	N	N/A	N/A	GNA_153781104_Voltage	153781104	BOGUE 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3204	No	North Valley and Sierra	Sierra	Line Section	Bogue Bank 1	EP ADD SCADA ON CAP BANKS - BOGUE BK1	N/A	N/A	N	N/A	N/A	GNA_1537801_Voltage	1537801	BOGUE BANK 1	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3205	No	North Valley and Sierra	Sierra	Line Section	Bogue Bank 2	EP ADD SCADA ON CAP BANKS - BOGUE BK2	N/A	N/A	N	N/A	N/A	GNA_153781105_Voltage											

Customer Count																							
DDOR ID	Previous DDOR?	Distribution Planning Region	Division	Project Type	Project Name	Project Description	In-service Date	Project Cost (\$k)	Deferrable (Y/N)	LNBA Value (\$/kW-yr)	LNBA Value (\$/Vpu-yr)	GNA Need ID	Facility ID	GNA Facility Name	Distribution Service Required	Grid Need	Grid Need Unit	Residential	Commercial	Industrial	Agricultural	Other	Total
DDOR3224	No	North Coast	Sonoma	Line Section	Mirabel 1101	MIRABEL 1101 - RECONDUCTOR 3,300 FT OF 2CU WITH 397AL	N/A	N/A	N	N/A	N/A	GNA_042091101_Capacity	042091101	MIRABEL 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1105	Yes	North Valley and Sierra	North Valley	Line Section	Deschurtes 1101	DESCHUETES 1101 4AR RECONDUCTORIN	N/A	N/A	N	N/A	N/A	GNA_103351101_Capacity	103351101	DESCHUTES 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3225	No	Central Valley	Kern	Line Section	Rio Bravo 1106	Rio Bravo 1106 reconductor 4AR at 26.6% OL	N/A	N/A	N	N/A	N/A	GNA_252861106_Capacity	252861106	RIO BRAVO 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3226	No	North Valley and Sierra	North Valley	Line Section	Logan Creek 2102	LOGAN CREEK 2102 RECONDUCTOR 10,576' AND INSTALL LINE REGULATOR	N/A	N/A	N	N/A	N/A	GNA_103142102_Capacity	103142102	LOGAN CREEK 2102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3227	No	Central Valley	Kern	Line Section	Smyrna 1106	Smyrna 1106 - OL, LV, and PF correction.	N/A	N/A	N	N/A	N/A	GNA_253551106_Capacity	253551106	SMYRNA 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3228	No	Central Valley	Kern	Line Section	Mcfarland 1104	Mcfarland 1104 - Recondutor 2CU (25% OL)	N/A	N/A	N	N/A	N/A	GNA_253181102_Capacity	253181102	MC FARLAND 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3229	No	Central Valley	Kern	Line Section	Lakeview 1106	Lakeview 1106 - Replace overloaded fuse 18992 with LR	N/A	N/A	N	N/A	N/A	GNA_253411106_Capacity	253411106	LAKEVIEW 1106 (old 1103)	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3230	No	Central Valley	Kern	Line Section	Weedpatch 1102	Weedpatch 1102 Install new switch	N/A	N/A	N	N/A	N/A	GNA_252971102_Capacity	252971102	WEEDPATCH 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3231	No	Central Valley	Fresno	Line Section	Caruthers 1105	Caruthers 1105 Reconductoring	N/A	N/A	N	N/A	N/A	GNA_252371105_Capacity	252371105	CARUTHERS 1105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3232	No	South Bay and Central Coast	Los Padres	Line Section	Atascadero 1102	[ON HOLD] Offload 2MW from Atascadero 1103 to 1102	N/A	N/A	N	N/A	N/A	GNA_182541102_Capacity	182541102	ATASCADERO 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1154	Yes	Bay Area	Diablo	Line Section	Tassajara 2103	Tassajara 2103 eliminate overload	N/A	N/A	N	N/A	N/A	GNA_014662103_Capacity	014662103	TASSAJARA 2103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3233	No	Central Valley	Kern	Line Section	Old River 1104	Old River 1104- Replace 100A regulator R3094 with 200A close delta regulator.	N/A	N/A	N	N/A	N/A	GNA_252821104_Capacity	252821104	OLD RIVER 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1234	Yes	Bay Area	Diablo	Line Section	Walnut Creek 404	Reconductor Walnut Creek 404	N/A	N/A	N	N/A	N/A	GNA_012200404_Capacity	012200404	WALNUT CREEK 0404	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3234	No	Bay Area	Peninsula	Line Section	Carolands 404	Carolands 404- replace overload UG/OH mainline	N/A	N/A	N	N/A	N/A	GNA_024060404_Capacity	024060404	CAROLANDS 0404	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3235	No	South Bay and Central Coast	Central Coast	Line Section	Salinas 1104	RECONDUCTOR- SALINAS 1104	N/A	N/A	N	N/A	N/A	GNA_182011104_Capacity	182011104	SALINAS 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1136	Yes	Central Valley	Stockton	Line Section	Lammers 1102	Lammers 1102 - Recondutor 2200ft w/1100Al UG Cable	N/A	N/A	N	N/A	N/A	GNA_162771102_Capacity	162771102	LAMMERS 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3236	No	North Coast	Sonoma	Line Section	Rincon 1101	RINCON 1101 REPLACE S/B 6027	N/A	N/A	N	N/A	N/A	GNA_043321101_Capacity	043321101	RINCON 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1236	Yes	Central Valley	Fresno	Line Section	Tulare Lake 1106	Reedley DPA - Replace overloaded regulators	N/A	N/A	N	N/A	N/A	GNA_252341112_Capacity	252341112	REEDLEY 1112	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1236	Yes	Central Valley	Fresno	Line Section	Tulare Lake 1106	Reedley DPA - Replace overloaded regulators	N/A	N/A	N	N/A	N/A	GNA_252841101_Capacity	252841101	OROSI 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1236	Yes	Central Valley	Fresno	Line Section	Tulare Lake 1106	Reedley DPA - Replace overloaded regulators	N/A	N/A	N	N/A	N/A	GNA_254531109_Capacity	254531109	WHAUTOKE 1109	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3238	No	South Bay and Central Coast	San Jose	Line Section	Llagas 2102	Extend Llagas 2102	N/A	N/A	N	N/A	N/A	GNA_083182103_Capacity	083182103	LLAGAS 2103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3239	No	Central Valley	Kern	Line Section	Lamont 1106	Lamont 1106 - Recondutor 7,200 ft of 397AL conductor that will be overload by	N/A	N/A	N	N/A	N/A	GNA_253911106_Capacity	253911106	LAMONT 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3240	No	Bay Area	Peninsula	Line Section	Glenwood 1101	GLENWOOD 1101 - INSTALL AUTOTRANSFORMER	N/A	N/A	N	N/A	N/A	GNA_024091101_Capacity	024091101	GLENWOOD 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3241	No	Bay Area	Diablo	Line Section	Willow Pass Bank 3	Install Devices to Offload Willow Pass Bank 3	N/A	N/A	N	N/A	N/A	GNA_014452106_Capacity	014452106	KIRKER 2106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3242	No	North Valley and Sierra	North Valley	Line Section	Corning 1101	Reconductor Corning 1101 feeder outlet	N/A	N/A	N	N/A	N/A	GNA_103331101_Capacity	103331101	CORNING 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3243	No	South Bay and Central Coast	San Jose	Line Section	Swift 2108	Create a new tie between Swift 2102 to 2108	N/A	N/A	N	N/A	N/A	GNA_083392108_Capacity	083392108	SWIFT 2108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1155	Yes	Bay Area	Diablo	Line Section	Research 2101	Research 2101 eliminate overload	N/A	N/A	N	N/A	N/A	GNA_014692101_Capacity	014692101	RESEARCH 2101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3244	No	Bay Area	Mission	Line Section	Castro Valley 1105	Castro Valley 1105 reconductor 1610' 4CU with 397AL	N/A	N/A	N	N/A	N/A	GNA_014091105_Capacity	014091105	CASTRO VALLEY 1105 (Formerly 1104)	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3245	No	Central Valley	Kern	Line Section	Maricopa 1102	Maricopa 1102 - 15.5% OL on 6,500 ft of 4AR (pending field verification)	N/A	N/A	N	N/A	N/A	GNA_254211102_Capacity	254211102	MARICOPA 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3246	No	Bay Area	Peninsula	Line Section	Menlo 403	Menlo 403 - Replace overload swt/ UG mainline and correct low voltage	N/A	N/A	N	N/A	N/A	GNA_024130403_Capacity	024130403	MENLO 0403	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3247	No	Central Valley	Kern	Line Section	Weedpatch 1102	Weedpatch 1102 - Replace A112 with 3-300A Regulator	N/A	N/A	N	N/A	N/A	GNA_252971102_Capacity	252971102	WEEDPATCH 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3248	No	Central Valley	Kern	Line Section	Magunden 1105	Magunden 1105 - Replace switch 2176 with a 900A switch	N/A	N/A	N	N/A	N/A	GNA_252771105_Capacity	252771105	MAGUNDEN 1105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3249	No	Central Valley	Yosemite	Line Section	Le Grand 1110	LE GRAND 1110 RECONDUCTORING	N/A	N/A	N	N/A	N/A	GNA_255361110_Capacity	255361110	LE GRAND 1110	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3250	No	Bay Area	East Bay	Line Section	Oakland J 1116	J 1116 EXTEND MAINLINE	N/A	N/A	N	N/A	N/A	GNA_012091116_Capacity	012091116	OAKLAND J 1116	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3251	No	Central Valley	Kern	Line Section	Magunden 1105	Magunden 1105 - Recondutor about 1000ft of 4Cu with 397AL	N/A	N/A	N	N/A	N/A	GNA_252771105_Capacity	252771105	MAGUNDEN 1105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3252	No	Central Valley	Stockton	Line Section	Carbona 1102	Carbona 1102 - Recondutor 5600ft	N/A	N/A	N	N/A	N/A	GNA_163091102_Capacity	163091102	CARBONA 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3253	No	North Valley and Sierra	North Valley	Line Section	Logan Creek 2102	Logan Creek 2102Reconductor 7040 feet of overloaded #4/OAa with 715AA	N/A	N/A	N	N/A	N/A	GNA_103142102_Capacity	103142102	LOGAN CREEK 2102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1169	Yes	North Valley and Sierra	Sierra	Line Section	Del Mar 2106	NEW TIE DEL MAR 2106 AND ROCKLIN 1101	N/A	N/A	N	N/A	N/A	GNA_152582106_Capacity	152582106	DEL MAR 2106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3254	No	North Coast	Sonoma	Line Section	Dunbar 1101	Dunbar 1101 Upgrade Regulator R9061 to 300A Reg	N/A	N/A	N	N/A	N/A	GNA_043071101_Capacity	043071101	DUNBAR 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3255	No	Bay Area	Mission	Line Section	Mt Eden 1114	MT EDEN 1114:RECONDUCTOR 4/OA WITH 715AL	N/A	N/A	N	N/A	N/A	GNA_013761114_Capacity	013761114	MT EDEN 1114	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3256	No	Central Valley	Kern	Line Section	San Bernard 1101	San Bernard 1101 - Reconductor 10,700ft of 4AR with 397AL	N/A	N/A	N	N/A	N/A	GNA_253191101_Capacity	253191101	SAN BERNARD 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3257	No	Central Valley	Yosemite	Line Section	Firebaugh 1101	INSTALL NEW OH SW - FIREBAUGH 1101	N/A	N/A	N	N/A	N/A	GNA_252311101_Capacity	252311101	MENDOTA 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3258	No	Central Valley	Kern	Line Section	Shafter 1103	Shafter 1103 - 12.8% SW overload	N/A	N/A	N	N/A	N/A	GNA_253651103_Capacity	253651103	SHAFTER 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3259	No	Central Valley	Fresno	Line Section	West Fresno 1110	West Fresno 1110 Loop Reconductoring	N/A	N/A	N	N/A	N/A	GNA_253731110_Capacity	253731110	WEST FRESNO 1110	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3260	No	Bay Area	Peninsula	Line Section	Menlo 402	Menlo 402 - Replace overload swt	N/A	N/A	N	N/A	N/A	GNA_024130402_Capacity	024130402	MENLO 0402	Capacity								

Customer Count																							
DDOR ID	Previous DDOR?	Distribution Planning Region	Division	Project Type	Project Name	Project Description	In-service Date	Project Cost (\$k)	Deferrable (Y/N)	LNBA Value (\$/kW-yr)	LNBA Value (\$/Vpu-yr)	GNA Need ID	Facility ID	GNA Facility Name	Distribution Service Required	Grid Need	Grid Need Unit	Residential	Commercial	Industrial	Agricultural	Other	Total
DDOR3276	No	Central Valley	Kern	Line Section	Panama 2101	Panama 2101 - Install 3 new switches	N/A	N/A	N	N/A	N/A	GNA_253422101_Capacity	253422101	PANAMA 2101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3277	No	Central Valley	Kern	Line Section	Old River 1102	OLD RIVER 1102 - Replace overloaded fuse 15690 with LR	N/A	N/A	N	N/A	N/A	GNA_252821102_Capacity	252821102	OLD RIVER 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3278	No	Central Valley	Kern	Line Section	Bakersfield 1118	Bakersfield 1118 - Reconductor 30 ft of 1/0 Cu with 715 Al conductor	N/A	N/A	N	N/A	N/A	GNA_253371118_Capacity	253371118	BAKERSFIELD 1118	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1156	Yes	Central Valley	Fresno	Line Section	Gates 1102	Gates 1102 Reconductor	N/A	N/A	N	N/A	N/A	GNA_253931102_Capacity	253931102	GATES 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1225	Yes	North Valley and Sierra	North Valley	Line Section	Glenn 1101	GLENN 1101- Conductor Overload	N/A	N/A	N	N/A	N/A	GNA_102601101_Capacity	102601101	GLENN 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1237	Yes	Central Valley	Fresno	Line Section	Guernsey 1102	Guernsey 1102 Reconductor	N/A	N/A	N	N/A	N/A	GNA_252661102_Capacity	252661102	GUERNSEY 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3279	No	Central Valley	Kern	Line Section	Magunden 2108	Magunden 2108 - Install SCADA UG Sw	N/A	N/A	N	N/A	N/A	GNA_252772108_Capacity	252772108	MAGUNDEN 2108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3280	No	Central Valley	Kern	Line Section	Weedpatch 1102	Weedpatch 1106 - Replace A104 with 3-300A Reg	N/A	N/A	N	N/A	N/A	GNA_252971106_Capacity	252971106	WEEDPATCH 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1110	Yes	Central Valley	Fresno	Line Section	Ashlan 1108	Ashlan 1108 UG cable replacement	N/A	N/A	N	N/A	N/A	GNA_252051108_Capacity	252051108	ASHLAN AVENUE 1108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3281	No	Central Valley	Sonoma	Line Section	Rincon 1103	Rincon 1103 Reconductor 4AR	N/A	N/A	N	N/A	N/A	GNA_043321103_Capacity	043321103	RINCON 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3282	No	Central Valley	Sonoma	Line Section	Rincon 1101	Rincon 1101 Reconductor 350AL Riser	N/A	N/A	N	N/A	N/A	GNA_043321101_Capacity	043321101	RINCON 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3283	No	Central Valley	Sonoma	Line Section	Monroe 2107	Monroe 2107 Reconductor 6CU	N/A	N/A	N	N/A	N/A	GNA_043302107_Capacity	043302107	MONROE 2107	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3284	No	North Coast	Sonoma	Line Section	Santa Rosa 1107	SO SANTA ROSA 1107 & 1104 RECOND. 6100'	N/A	N/A	N	N/A	N/A	GNA_042151107_Capacity	042151107	SANTA ROSA A 1107	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1130	Yes	North Valley and Sierra	North Valley	Line Section	Glenn 1101	GLENN 1101- Conductor Overload	N/A	N/A	N	N/A	N/A	GNA_102601101_Capacity	102601101	GLENN 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3285	No	Central Valley	Kern	Line Section	Magunden 2108	Magunden 2108 install new switch to allow transfer from Magunden 2108 to Bak	N/A	N/A	N	N/A	N/A	GNA_252772108_Capacity	252772108	MAGUNDEN 2108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3286	No	North Coast	Sonoma	Line Section	Windsor 1103	Line work	N/A	N/A	N	N/A	N/A	GNA_043501103_Capacity	043501103	WINDSOR 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1238	Yes	South Bay and Central Coast	Central Coast	Line Section	Gonzales 1104	Reconductor Mainline - Gonzales 1104	N/A	N/A	N	N/A	N/A	GNA_182131104_Capacity	182131104	GONZALES 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3287	No	Central Valley	Kern	Line Section	Semitropic 1110	Semitropic 1110 - 7% OL on SW 1275	N/A	N/A	N	N/A	N/A	GNA_252901110_Capacity	252901110	SEMITROPIC 1110	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3291	No	Central Valley	Kern	Line Section	Weedpatch 1102	Weedpatch 1102 - Remove Booster 4640 & install 300A close delta regulator	N/A	N/A	N	N/A	N/A	GNA_252971102_Capacity	252971102	WEEDPATCH 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3292	No	Central Valley	Kern	Line Section	Renfro Bank 1	Renfro Bank 1 Relief Project - Perform Renfro 2103 to 2105 load transfer.	N/A	N/A	N	N/A	N/A	GNA_254572103_Capacity	254572103	RENFRO 2103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1242	Yes	North Coast	Sonoma	Line Section	Fulton 1104	Fulton DPA - Switching Plan - Correct Overloads	N/A	N/A	N	N/A	N/A	GNA_042561107_Capacity	042561107	FULTON 1107	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3293	No	Central Valley	Kern	Line Section	Lamont 1102	Lamont 1102 install new switch	N/A	N/A	N	N/A	N/A	GNA_252971102_Capacity	252971102	WEEDPATCH 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3294	No	Central Valley	Kern	Line Section	Lerdo 1113	Lerdo 1113 - Rearrange Feeder	N/A	N/A	N	N/A	N/A	GNA_253491113_Capacity	253491113	LERDO 1113 (OLD 1106)	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1230	Yes	South Bay and Central Coast	Los Padres	Line Section	Templeton 2109	EP - TEMPLETON 2109 - RECONDUCTOR	N/A	N/A	N	N/A	N/A	GNA_183052109_Capacity	183052109	TEMPLETON 2109	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3295	No	North Valley and Sierra	North Valley	Line Section	Treas Vias 1101	TREAS VIAS 1101 - RLPS DISCONNECT 9707	N/A	N/A	N	N/A	N/A	GNA_103251101_Capacity	103251101	TRES VIAS 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1164	Yes	North Valley and Sierra	Sierra	Line Section	Brunswick 1106	BRUNSWICK 1106 RECONDUCTOR 663FL W/ 397AL TW	N/A	N/A	N	N/A	N/A	GNA_152481106_Capacity	152481106	BRUNSWICK 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3296	No	North Valley and Sierra	Sacramento	Line Section	Peabody 2106	REPLACE 1000ALP CKT OUTLET-PEABODY 2106	N/A	N/A	N	N/A	N/A	GNA_063642106_Capacity	063642106	PEABODY 2106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3297	No	North Valley and Sierra	Sacramento	Line Section	Woodland 1113	SA WOODLAND 1113 REPLACE SW 6107 & 8759	N/A	N/A	N	N/A	N/A	GNA_062031113_Capacity	062031113	WOODLAND 1113	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1126	Yes	North Valley and Sierra	Sacramento	Line Section	Peabody 2102	REPLACE 40FEET 2AL ON PEABODY 2102	N/A	N/A	N	N/A	N/A	GNA_063642102_Capacity	063642102	PEABODY 2102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3299	No	Bay Area	Diablo	Line Section	Lakewood 2110	Lakewood 2110 Resolve overload	N/A	N/A	N	N/A	N/A	GNA_013532110_Capacity	013532110	LAKWOOD 2110	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3300	No	Central Valley	Stockton	Line Section	East Stockton 1102	East Stockton 1102 install 900A SW at pole 102096546	N/A	N/A	N	N/A	N/A	GNA_163131102_Capacity	163131102	EAST STOCKTON 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3301	No	Central Valley	Kern	Line Section	Arvin 1101	ARVIN 1101 - Install 2 close delta regulators; Install 600KVar and remove booste	N/A	N/A	N	N/A	N/A	GNA_253801101_Voltage	253801101	ARVIN 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3302	No	Central Valley	Kern	Line Section	San Bernard 1102	San Bernard 1102 - Install 300A regulator & 1-900KVar capacitor to improve P.F.	N/A	N/A	N	N/A	N/A	GNA_253191102_Voltage	253191102	SAN BERNARD 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3303	No	Central Valley	Stockton	Line Section	Avena 1701 & 1702	2019 AVENA 4KV CUTOVER	N/A	N/A	N	N/A	N/A	GNA_163571701_Voltage	163571701	AVENA 1701	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3304	No	Bay Area	Peninsula	Line Section	Redwood City 409	Redwood City 409- 1 SCADA reg bank	N/A	N/A	N	N/A	N/A	GNA_024160409_Voltage	024160409	REDWOOD CITY 0409	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3305	No	Bay Area	Diablo	Line Section	Fairview 2207	Fairview 2207 install cap bank	N/A	N/A	N	N/A	N/A	GNA_013432207_Capacity	013432207	FAIRVIEW 2207	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3306	No	Central Valley	Yosemite	Line Section	Mariposa 2102	Mariposa 2102 Install single phase Regs	N/A	N/A	N	N/A	N/A	GNA_254452102_Voltage	254452102	MARIPOSA 2102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3307	No	North Valley and Sierra	Sierra	Line Section	Lincoln 1104	LINCOLN 1104 LOW VOLTS	N/A	N/A	N	N/A	N/A	GNA_153701103_Voltage	153701103	LINCOLN 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3307	No	North Valley and Sierra	Sierra	Line Section	Lincoln 1104	LINCOLN 1104 LOW VOLTS	N/A	N/A	N	N/A	N/A	GNA_153701104_Voltage	153701104	LINCOLN 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3308	No	Bay Area	San Francisco	Line Section	Taraval 402	2023 CIRCUIT REINFORCEMENT- TARAVAL 402	N/A	N/A	N	N/A	N/A	GNA_022500402_Capacity	022500402	TARAVAL 0402	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3309	No	South Bay and Central Coast	Central Coast	Line Section	Camp Evers 2103	CAMP EVERS 2103 PN INFRACTION	N/A	N/A	N	N/A	N/A	GNA_083622103_Reliabil	083622103	CAMP EVERS 2103	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3310	No	Central Valley	Yosemite	Line Section	Storey 1108	Storey 1108, Install SCADA at UG SW 251876,	N/A	N/A	N	N/A	N/A	GNA_254611108_Reliabil	254611108	STOREY 1108	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3311	No	Central Valley	Fresno	Line Section	Dinuba 1102 & 1104	DINUBA 1102 & 1104 REMOVE TEMP VVO REGS	N/A	N/A	N	N/A	N/A	GNA_254091102_Voltage	254091102	DINUBA 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3312	No	Bay Area	San Francisco	Line Section	Daly City 1103 & 1109	CAPACITY LOOPING, DC-1109/L1103	N/A	N/A	N	N/A	N/A	GNA_022261103_Reliabil	022261103	SF L 1103	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3312	No	Bay Area	San Francisco	Line Section	Daly City 1103 & 1109	CAPACITY LOOPING, DC-1109/L1103	N/A	N/A	N	N/A	N/A	GNA_022641109_Reliabil	022641109	DALY CITY 1109	Reliability	N/A	N/A	N/A					

Customer Count																							
DDOR ID	Previous DDOR?	Distribution Planning Region	Division	Project Type	Project Name	Project Description	In-service Date	Project Cost (\$k)	Deferrable (Y/N)	LNBA Value (\$/kW-yr)	LNBA Value (\$/Vpu-yr)	GNA Need ID	Facility ID	GNA Facility Name	Distribution Service Required	Grid Need	Grid Need Unit	Residential	Commercial	Industrial	Agricultural	Other	Total
DDOR3330	No	North Valley and Sierra	North Valley	Line Section	Corning 1103	Corning 1103 Install Line Reg - 3x100A closed delta with SCADA	N/A	N/A	N	N/A	N/A	GNA_103331103_Voltage	103331103	CORNING 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1146	Yes	South Bay and Central Coast	Los Padres	Line Section	Cabriello 1104	CABRILLO 1104 EOL VOLTAGE SUPPORT	N/A	N/A	N	N/A	N/A	GNA_183101104_Voltage	183101104	CABRILLO 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3331	No	North Valley and Sierra	North Valley	Line Section	Esquon 1102	ESQUON 1102, INSTALL 200 AMP DELTA CONNECTED VOLTAGE REGULATOR	N/A	N/A	N	N/A	N/A	GNA_102171102_Voltage	102171102	ESQUON 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1163	Yes	North Valley and Sierra	Sierra	Line Section	Higgins 1109	HIGGINS 1109 INSTALL 200A REGULATOR	N/A	N/A	N	N/A	N/A	GNA_152691109_Voltage	152691109	HIGGINS 1109	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3332	No	Central Valley	Yosemite	Line Section	Riverbank 1713	Riverbank 1713 Install Reg	N/A	N/A	N	N/A	N/A	GNA_163191713_Voltage	163191713	RIVERBANK 1713	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3333	No	Central Valley	Yosemite	Line Section	El Capitan 1103	EL Capitan 1103 Install Closed Delta regs	N/A	N/A	N	N/A	N/A	GNA_253881103_Voltage	253881103	EL CAPITAN 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1148	Yes	North Coast	Humboldt	Line Section	Hopland 1101	Install 200A regulator on Hopland 1101	N/A	N/A	N	N/A	N/A	GNA_042251101_Voltage	042251101	HOPLAND 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3334	No	Central Valley	Stockton	Line Section	Lockeford 2102	Lockeford 2102 Voltage Correction	N/A	N/A	N	N/A	N/A	GNA_163682102_Voltage	163682102	LOCKEFORD 2102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3335	No	Central Valley	Stockton	Line Section	Monarch 403	Monarch 403 Install 1 -300KVAR OH CAP	N/A	N/A	N	N/A	N/A	GNA_162300403_Voltage	162300403	MONARCH 0403	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3336	No	Bay Area	Mission	Line Section	Castro Valley 1102	Install cap bank Castro Valley 1102 SSD MR518	N/A	N/A	N	N/A	N/A	GNA_014091102_Voltage	014091102	CASTRO VALLEY 1102 (Formerly 1101)	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3337	No	North Valley and Sierra	Sierra	Line Section	Apple Hill 2102	Apple Hill 2102 - Close delta/Relocate reg J4423	N/A	N/A	N	N/A	N/A	GNA_153662102_Voltage	153662102	APPLE HILL 2102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3338	No	Central Valley	Stockton	Line Section	Linden 1103	Linden 1103 Voltage Correction	N/A	N/A	N	N/A	N/A	GNA_162071103_Voltage	162071103	LINDEN 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3339	No	Central Valley	Stockton	Line Section	Oleta 1102	Oleta 1102 Voltage Correction	N/A	N/A	N	N/A	N/A	GNA_163541102_Voltage	163541102	OLETA 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1246	Yes	South Bay and Central Coast	San Jose	Line Section	San Jose B 410	Cut over a section of San Jose B 410 from 4kV to 12kV	N/A	N/A	N	N/A	N/A	GNA_082250410_Voltage	082250410	SAN JOSE A 0410	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3340	No	North Valley and Sierra	North Valley	Line Section	Esquon 1101	ESQUON 1101, INSTALL 600 KVAR CAP BANK	N/A	N/A	N	N/A	N/A	GNA_102171101_Voltage	102171101	ESQUON 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3341	No	Central Valley	Stockton	Line Section	Linden 1104	LINDEN 1104 VOLTAGE CORRECTION	N/A	N/A	N	N/A	N/A	GNA_162071104_Voltage	162071104	LINDEN 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3342	No	Central Valley	Yosemite	Line Section	Le Grand 1104	LE GRAND 1104:INSTALL CAP BANK & CLD REG	N/A	N/A	N	N/A	N/A	GNA_255361104_Voltage	255361104	LE GRAND 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3343	No	North Coast	Sonoma	Line Section	Rincon 1101	SO RINCON 1101 INST. REG. NEAR LR 576	N/A	N/A	N	N/A	N/A	GNA_043321101_Voltage	043321101	RINCON 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3344	No	Central Valley	Yosemite	Line Section	Crows Landing 1101	Crows Landing 1101 Install 150A CLD Regs S/O 909241	N/A	N/A	N	N/A	N/A	GNA_163251101_Voltage	163251101	CROWS LANDING 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3345	No	Central Valley	Kern	Line Section	Lakeview 1103	Lakeview 1103- Install 300A Regulator to improve End of Line voltage of 116.5V	N/A	N/A	N	N/A	N/A	GNA_253411103_Voltage	253411103	LAKEVIEW 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3346	No	Central Valley	Yosemite	Line Section	Newman 1106	Newman 1106 Voltage Correction	N/A	N/A	N	N/A	N/A	GNA_162741106_Voltage	162741106	NEWMAN 1106	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3347	No	North Valley and Sierra	North Valley	Line Section	Orland B 1103	ORLAND B 1103 - Voltage Correction	N/A	N/A	N	N/A	N/A	GNA_102701103_Voltage	102701103	ORLAND B 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1162	Yes	South Bay and Central Coast	Central Coast	Line Section	Los Ositos 2103	INSTALL NEW REGULATOR - LOS OSITOS 2103	N/A	N/A	N	N/A	N/A	GNA_182151101_Voltage	182151101	LOS COCHES 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1162	Yes	South Bay and Central Coast	Central Coast	Line Section	Los Ositos 2103	INSTALL NEW REGULATOR - LOS OSITOS 2103	N/A	N/A	N	N/A	N/A	GNA_182082103_Voltage	182082103	LOS OSITOS 2103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3349	No	Central Valley	Stockton	Line Section	East Stockton 402	EAST STOCKTON 402 - REPL STEPDOWN T13735	N/A	N/A	N	N/A	N/A	GNA_163131102_Reliabil	163131102	EAST STOCKTON 1102	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3350	No	Central Valley	Stockton	Line Section	French Camp 1102 & Vierra 1706	French Camp 1102 and Vierra 1706 install step down (17/12)	N/A	N/A	N	N/A	N/A	GNA_162701706_Reliabil	162701706	VIERRA 1706	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3350	No	Central Valley	Stockton	Line Section	French Camp 1102 & Vierra 1706	French Camp 1102 and Vierra 1706 install step down (17/12)	N/A	N/A	N	N/A	N/A	GNA_163291102_Reliabil	163291102	FRENCH CAMP 1102	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3351	No	Bay Area	San Francisco	Line Section	Potrero A1118	2011 N-1 CONTINGENCY OPER CAP A1118	N/A	N/A	N	N/A	N/A	GNA_022031118_Reliabil	022031118	POTRERO (SF A) 1118	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3352	No	North Valley and Sierra	Sierra	Line Section	Catlett 1105	RECON CATLETT 1105-CATLETT 1102 BACK TIE	N/A	N/A	N	N/A	N/A	GNA_153761105_Reliabil	153761105	CATLETT 1105	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3353	No	Central Valley	Fresno	Line Section	Kingsburg 1116	Build 2000 ft tie and add two switches	N/A	N/A	N	N/A	N/A	GNA_252241116_Reliabil	252241116	KINGSBURG 1116	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3354	No	Bay Area	East Bay	Line Section	Oakland X 1107	REINFORCE X 1107 TO REDUCE CUST ON X1115	N/A	N/A	N	N/A	N/A	GNA_012541107_Reliabil	012541107	OAKLAND X 1107	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3355	No	Bay Area	Diablo	Line Section	Kirker 2103 & 2108	COMPLETE KIRKER 2103-2108 BACKTIE	N/A	N/A	N	N/A	N/A	GNA_014452103_Reliabil	014452103	KIRKER 2103	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3356	No	Central Valley	Kern	Line Section	Bakersfield Bank 3	BAKERSFIELD BK 3 - SCADA 7 CAPACITORS and 5 Removals	N/A	N/A	N	N/A	N/A	GNA_253371105_Voltage	253371105	BAKERSFIELD 1105	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3357	No	Central Valley	Kern	Line Section	7th Standard Bank 1	7TH STANDARD BANK 1 CAPACITORS	N/A	N/A	N	N/A	N/A	GNA_254582102_Voltage	254582102	7TH STANDARD 2102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3358	No	Central Valley	Kern	Line Section	Bakersfield Bank 1	BAKERSFIELD BANK 1 - 6 CAPACITORS	N/A	N/A	N	N/A	N/A	GNA_253372104_Voltage	253372104	BAKERSFIELD 2104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3359	No	North Valley and Sierra	North Valley	Line Section	Wyndotte Bank 3	EP ADD SCADA ON CAPS, WYNDOTTE BK#3	N/A	N/A	N	N/A	N/A	GNA_102911110_Voltage	102911110	WYANDOTTE 1110	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3360	No	North Valley and Sierra	North Valley	Line Section	Wyndotte Bank 1	EP ADD SCADA ON CAPS, WYNDOTTE BK#1	N/A	N/A	N	N/A	N/A	GNA_102911103_Voltage	102911103	WYANDOTTE 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3361	No	Central Valley	Fresno	Line Section	Figarden Bank 3	FIGARDEN BANK 3 SCADA CAPACITORS	N/A	N/A	N	N/A	N/A	GNA_254552112_Voltage	254552112	FIGARDEN 2112	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3362	No	Central Valley	Yosemite	Line Section	Atwater Bank 2	ATWATER BANK 2 VAR AUTOMATION	N/A	N/A	N	N/A	N/A	GNA_253611102_Voltage	253611102	ATWATER 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3363	No	Central Valley	Yosemite	Line Section	Le Grand Bank 1	LE GRAND BANK 1 ADD SCADA TO 2 CAPS	N/A	N/A	N	N/A	N/A	GNA_255361104_Voltage	255361104	LE GRAND 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3364	No	Central Valley	Yosemite	Line Section	Wilson Bank 3	WILSON BK 3 VAR AUTOMATION	N/A	N/A	N	N/A	N/A	GNA_254301103_Voltage	254301103	WILSON 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3364	No	Central Valley	Yosemite	Line Section	Wilson Bank 3	WILSON BK 3 VAR AUTOMATION	N/A	N/A	N	N/A	N/A	GNA_254301101_Voltage	254301101	WILSON 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3365	No	Central Valley	Yosemite	Line Section	Chowchilla Bank 1	ADD SCADA TO CAPS ON CHOWCHILLA BANK 1	N/A	N/A	N	N/A	N/A	GNA_254101104_Voltage	254101104	CHOWCHILLA 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3366	No	Central Valley	Yosemite	Line Section	Dairyland Bank 1	DAIRYLAND BK1 - ADD SCADA 2 CAPS	N/A	N/A	N	N/A	N/A	GNA_252421105_Voltage	252421105	DAIRYLAND 1105	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3367	No	Central Valley	Yosemite	Line Section	Dairyland Bank 2	DAIRYLAND BK2 - ADD SCADA TO 2 CAPS	N/A	N/A	N	N/A	N/A	GNA_252421112_Voltage	252421112	DAIRYLAND 1112	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3367	No	Central Valley	Yosemite	Line																			

Customer Count																							
DDOR ID	Previous DDOR?	Distribution Planning Region	Division	Project Type	Project Name	Project Description	In-service Date	Project Cost (\$k)	Deferrable (Y/N)	LNBA Value (\$/kW-yr)	LNBA Value (\$/Vpu-yr)	GNA Need ID	Facility ID	GNA Facility Name	Distribution Service Required	Grid Need	Grid Need Unit	Residential	Commercial	Industrial	Agricultural	Other	Total
DDOR3383	No	Central Valley	Fresno	Line Section	Manchester Bank 3	MANCHESTER BANK 3 CAPACITORS	N/A	N/A	N	N/A	N/A	GNA_253921109_Voltage	253921109	MANCHESTER 1109	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3384	No	Central Valley	Fresno	Line Section	Airways Bank 1	AIRWAYS BANK 1 CAPACITORS	N/A	N/A	N	N/A	N/A	GNA_252041101_Voltage	252041101	AIRWAYS 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3385	No	Central Valley	Fresno	Line Section	Sanger Bank 1	SANGER BANK 1 CAPACITORS	N/A	N/A	N	N/A	N/A	GNA_252351108_Voltage	252351108	SANGER 1108	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3386	No	Central Valley	Fresno	Line Section	California Ave Bank 1	CALIFORNIA AVE BANK 1 CAPACITORS	N/A	N/A	N	N/A	N/A	GNA_252281110_Voltage	252281110	CALIFORNIA AVE 1110	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3387	No	Central Valley	Fresno	Line Section	California Ave Bank 2	CALIFORNIA AVE BANK 2 CAPACITORS	N/A	N/A	N	N/A	N/A	GNA_252281106_Voltage	252281106	CALIFORNIA AVE 1106	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3388	No	Central Valley	Fresno	Line Section	West Fresno Bank 1	WEST FRESNO BANK 1 CAPACITORS	N/A	N/A	N	N/A	N/A	GNA_253731101_Voltage	253731101	WEST FRESNO 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3389	No	Central Valley	Fresno	Line Section	West Fresno Bank 2	WEST FRESNO BANK 2 CAPACITORS	N/A	N/A	N	N/A	N/A	GNA_253731105_Voltage	253731105	WEST FRESNO 1105	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3390	No	Central Valley	Fresno	Line Section	Bullard Bank 1	BULLARD BANK 1 CAPACITORS	N/A	N/A	N	N/A	N/A	GNA_253961101_Voltage	253961101	BULLARD 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3391	No	North Valley and Sierra	Sacramento	Line Section	West Sacramento Bank 3	EP ADD SCADA ON CAPS W. SAC BK 3	N/A	N/A	N	N/A	N/A	GNA_063131109_Voltage	063131109	WEST SACRAMENTO 1109	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3391	No	North Valley and Sierra	Sacramento	Line Section	West Sacramento Bank 3	EP ADD SCADA ON CAPS W. SAC BK 3	N/A	N/A	N	N/A	N/A	GNA_063131110_Voltage	063131110	WEST SACRAMENTO 1110	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3391	No	North Valley and Sierra	Sacramento	Line Section	West Sacramento Bank 3	EP ADD SCADA ON CAPS W. SAC BK 3	N/A	N/A	N	N/A	N/A	GNA_063131111_Voltage	063131111	WEST SACRAMENTO 1111	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3392	No	North Valley and Sierra	Sierra	Line Section	Marysville Bank 1	EP ADD SCADA ON CAP BANKS-MARYSVILLEBK1	N/A	N/A	N	N/A	N/A	GNA_152011106_Voltage	152011106	MARYSVILLE 1106	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3392	No	North Valley and Sierra	Sierra	Line Section	Marysville Bank 1	EP ADD SCADA ON CAP BANKS-MARYSVILLEBK1	N/A	N/A	N	N/A	N/A	GNA_152011107_Voltage	152011107	MARYSVILLE 1107	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3392	No	North Valley and Sierra	Sierra	Line Section	Marysville Bank 1	EP ADD SCADA ON CAP BANKS-MARYSVILLEBK1	N/A	N/A	N	N/A	N/A	GNA_152011108_Voltage	152011108	MARYSVILLE 1108	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3392	No	North Valley and Sierra	Sierra	Line Section	Marysville Bank 1	EP ADD SCADA ON CAP BANKS-MARYSVILLEBK1	N/A	N/A	N	N/A	N/A	GNA_1520101_Voltage	1520101	MARYSVILLE BANK 1	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3393	No	North Valley and Sierra	Sierra	Line Section	Olvehurst Bank 2	EP ADD SCADA ON CAP BANKS-OLIVEHURST BK2	N/A	N/A	N	N/A	N/A	GNA_152901103_Voltage	152901103	OLIVEHURST 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3393	No	North Valley and Sierra	Sierra	Line Section	Olvehurst Bank 2	EP ADD SCADA ON CAP BANKS-OLIVEHURST BK2	N/A	N/A	N	N/A	N/A	GNA_152901104_Voltage	152901104	OLIVEHURST 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3393	No	North Valley and Sierra	Sierra	Line Section	Olvehurst Bank 2	EP ADD SCADA ON CAP BANKS-OLIVEHURST BK2	N/A	N/A	N	N/A	N/A	GNA_152901105_Voltage	152901105	OLIVEHURST 1105	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3393	No	North Valley and Sierra	Sierra	Line Section	Olvehurst Bank 2	EP ADD SCADA ON CAP BANKS-OLIVEHURST BK2	N/A	N/A	N	N/A	N/A	GNA_1529002_Voltage	1529002	OLIVEHURST BANK 2	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3394	No	North Valley and Sierra	Sierra	Line Section	Pease Bank 3	EP ADD SCADA ON CAP BANKS - PEASE BK 3	N/A	N/A	N	N/A	N/A	GNA_153751103_Voltage	153751103	PEASE 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3394	No	North Valley and Sierra	Sierra	Line Section	Pease Bank 3	EP ADD SCADA ON CAP BANKS - PEASE BK 3	N/A	N/A	N	N/A	N/A	GNA_1537503_Voltage	1537503	PEASE BANK 3	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3394	No	North Valley and Sierra	Sierra	Line Section	Pease Bank 3	EP ADD SCADA ON CAP BANKS - PEASE BK 3	N/A	N/A	N	N/A	N/A	GNA_153751104_Voltage	153751104	PEASE 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3395	No	North Coast	Sonoma	Line Section	Windsor 1101	Line work	N/A	N/A	N	N/A	N/A	GNA_043501101_Voltage	043501101	WINDSOR 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3396	No	Central Valley	Stockton	Line Section	Stanislaus 1701	2020 STANISLAUS 1701 ADD SCADA TO R315	N/A	N/A	N	N/A	N/A	GNA_162821701_Voltage	162821701	STANISLAUS 1701	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3397	No	Central Valley	Fresno	Line Section	Kerman 1106	2020 KERMAN 1106 ADD CD & SCADA TO 214R	N/A	N/A	N	N/A	N/A	GNA_252711106_Voltage	252711106	KERMAN 1106	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3398	No	Central Valley	Fresno	Line Section	Kingsburg 1111	KINGSBURG 1111 ADD SCADA TO REG 845	N/A	N/A	N	N/A	N/A	GNA_252241111_Voltage	252241111	KINGSBURG 1111 (old 1114)	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3399	No	Central Valley	Fresno	Line Section	Tulare Lake 1106	TULARE LAKE 1106 ADD SCADA TO REGS	N/A	N/A	N	N/A	N/A	GNA_252951106_Voltage	252951106	TULARE LAKE 1106	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3400	No	Central Valley	Stockton	Line Section	Mormon 1101	MORMON 1101 R724 SCADA ENABLING	N/A	N/A	N	N/A	N/A	GNA_163211101_Voltage	163211101	MORMON 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3401	No	Central Valley	Yosemite	Line Section	Dairyland 1113	DAIRYLAND REGS SCADA ADDITION	N/A	N/A	N	N/A	N/A	GNA_252421113_Voltage	252421113	DAIRYLAND 1113	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3402	No	Central Valley	Yosemite	Line Section	Merced Falls 1102	MERCED FALLS 1102- ADD SCADA TO REGS	N/A	N/A	N	N/A	N/A	GNA_252811102_Voltage	252811102	MERCED FALLS 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3403	No	Central Valley	Stockton	Line Section	Lodi 1102	LODI 1102 ADD SCADA REG R95431	N/A	N/A	N	N/A	N/A	GNA_162111102_Voltage	162111102	LODI 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3404	No	Central Valley	Yosemite	Line Section	Atwater 1102	ATWATER 1102 - ADD SCADA TO 3 REGS	N/A	N/A	N	N/A	N/A	GNA_253611102_Voltage	253611102	ATWATER 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3405	No	Central Valley	Yosemite	Line Section	Atwater 1102	2020 ATWATER1102 ADD SCADA TO R9862/R986	N/A	N/A	N	N/A	N/A	GNA_253611102_Voltage	253611102	ATWATER 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3406	No	Central Valley	Yosemite	Line Section	Cressey 2104	CRESSEY 2104 ADD SCADA - REG 8002 & 8029	N/A	N/A	N	N/A	N/A	GNA_254702104_Voltage	254702104	CRESSEY 2104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3407	No	Central Valley	Fresno	Line Section	Henrietta 1106	2020 HENRIETTA 1106 ADD SCADA TO R1914	N/A	N/A	N	N/A	N/A	GNA_252681106_Voltage	252681106	HENRIETTA 1106	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3408	No	Central Valley	Fresno	Line Section	Gates 1106	GATES 1106 - ADD SCADA TO R727	N/A	N/A	N	N/A	N/A	GNA_253931106_Voltage	253931106	GATES 1106	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3409	No	Central Valley	Fresno	Line Section	Guernsey 1101	2020 GUERNSEY 1101 ADD CD & SCADA TO 98C	N/A	N/A	N	N/A	N/A	GNA_252661101_Voltage	252661101	GUERNSEY 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3410	No	Central Valley	Yosemite	Line Section	Chowchilla 1104	2020 CHOWCHILLA 1104 SCADA ON R8605/8341	N/A	N/A	N	N/A	N/A	GNA_254101104_Voltage	254101104	CHOWCHILLA 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3411	No	North Valley and Sierra	North Valley	Line Section	Mc Arthur 1102	MC ARTHUR 1102 - REG R783 - ADD SCADA	N/A	N/A	N	N/A	N/A	GNA_103491102_Voltage	103491102	MC ARTHUR 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3412	No	Central Valley	Yosemite	Line Section	Merced 1114	2020 MERCED 1114 ADD SCADA TO 8675/R1089	N/A	N/A	N	N/A	N/A	GNA_252801114_Voltage	252801114	MERCED 1114	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3413	No	Central Valley	Yosemite	Line Section	Merced 1116	2020 MERCED 1116 ADD CD/SCADA TO 8225	N/A	N/A	N	N/A	N/A	GNA_252801116_Voltage	252801116	MERCED 1116	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3414	No	Central Valley	Yosemite	Line Section	Dairyland 1109	DAIRYLAND 1109 - 1 SCADA reg	N/A	N/A	N	N/A	N/A	GNA_252421109_Voltage	252421109	DAIRYLAND 1109	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3415	No	Central Valley	Yosemite	Line Section	Newman 1102	NEWMAN 1102 - 1 SCADA reg	N/A	N/A	N	N/A	N/A	GNA_162741102_Voltage	162741102	NEWMAN 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3416	No	Central Valley	Fresno	Line Section	Caruthers 1105	CARUTHERS 1105 - 1 SCADA reg	N/A	N/A	N	N/A	N/A	GNA_252371105_Voltage	252371105	CARUTHERS 1105	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3417	No	Central Valley	Fresno	Line Section	Kingsburg 1110	KINGSBURG 1110 - 1 SCADA reg	N/A	N/A	N	N/A	N/A	GNA_252241110_Voltage	252241110	KINGSBURG 1110	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1207	Yes	Central Valley	Fresno	Line Section	Malaga 1110	Malaga 1110 Outlet Reconductoring	N/A	N/A	N	N/A	N/A	GNA_254251110_Capacity											

Customer Count																							
DDOR ID	Previous DDOR?	Distribution Planning Region	Division	Project Type	Project Name	Project Description	In-service Date	Project Cost (\$k)	Deferrable (Y/N)	LNBA Value (\$/kW-yr)	LNBA Value (\$/Vpu-yr)	GNA Need ID	Facility ID	GNA Facility Name	Distribution Service Required	Grid Need	Grid Need Unit	Residential	Commercial	Industrial	Agricultural	Other	Total
DDOR3432	No	Bay Area	Mission	Line Section	Grant 1102	Grant 1102 Install OH 900A US Switch	N/A	N/A	N	N/A	N/A	GNA_014381102_Capacity	014381102	GRANT 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1194	Yes	North Valley and Sierra	Sierra	Line Section	Mountain Quarries 2101	Replace LR #2504 with Viper LR	N/A	N/A	N	N/A	N/A	GNA_152282101_Capacity	152282101	MOUNTAIN QUARRIES 2101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3433	No	North Valley and Sierra	Sierra	Line Section	Del Mar 2106	Replace LR #1686 with Viper LR	N/A	N/A	N	N/A	N/A	GNA_152582106_Capacity	152582106	DEL MAR 2106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3434	No	North Coast	Sonoma	Line Section	Fulton 1102	Fulton 1102 - Install New 300A Reg Bank	N/A	N/A	N	N/A	N/A	GNA_042561102_Voltage	042561102	FULTON 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3435	No	North Coast	Humboldt	Line Section	Clearlake 1101 & 1102	Line work	N/A	N/A	N	N/A	N/A	GNA_042141101_Capacity	042141101	CLEAR LAKE 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3436	No	North Valley and Sierra	Sierra	Line Section	Wise 1102	Install Line Reg. - 3x300A closed delta with SCADA	N/A	N/A	N	N/A	N/A	GNA_152271102_Voltage	152271102	WISE 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3437	No	North Valley and Sierra	Sierra	Line Section	Halsey 1102	RECONDUCTOR OVERLOADED LINE SECTION WITH 397AL	N/A	N/A	N	N/A	N/A	GNA_152241102_Voltage	152241102	HALSEY 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3438	No	North Valley and Sierra	Sierra	Line Section	Placer 1102	REPLACE OVERLOADED CABLE IN WISE SUBSTATION	N/A	N/A	N	N/A	N/A	GNA_152461102_Voltage	152461102	PLACER 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1178	Yes	North Valley and Sierra	North Valley	Line Section	Bucks Creek 1103	Install Line Reg. - 3x100A closed delta with SCADA	N/A	N/A	N	N/A	N/A	GNA_102211103_Voltage	102211103	BUCKS CREEK 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3439	No	South Bay and Central Coast	Los Padres	Line Section	Siquoc 1102	Siquoc 1102 - PF Correction	N/A	N/A	N	N/A	N/A	GNA_182811102_Voltage	182811102	SISQUOC 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3440	No	South Bay and Central Coast	Los Padres	Line Section	Buellton 1102	Buellton 1102 Mainline Tie UG Upgrade	N/A	N/A	N	N/A	N/A	GNA_183041102_Capacity	183041102	BUELLTON 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3441	No	South Bay and Central Coast	Central Coast	Line Section	Green Valley 2103	Green Valley 2103 - EOL Voltage Support	N/A	N/A	N	N/A	N/A	GNA_083192103_Voltage	083192103	GREEN VALLEY 2103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1115	Yes	South Bay and Central Coast	Central Coast	Line Section	Oilfields 1103	King City 1105 - Re-conductor	N/A	N/A	N	N/A	N/A	GNA_182031105_Capacity	182031105	KING CITY 1105	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1116	Yes	South Bay and Central Coast	Central Coast	Line Section	Salinas 1104	Camphora 1101 - Re-conductor/voltage support	N/A	N/A	N	N/A	N/A	GNA_182071101_Capacity	182071101	CAMP PHORA 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3442	No	South Bay and Central Coast	Central Coast	Line Section	King City 1106	ADD 3 CAPACITOR ON KING CITY 1106 FOR PF	N/A	N/A	N	N/A	N/A	GNA_182031106_Reliabil	182031106	KING CITY 1106	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3443	No	South Bay and Central Coast	Central Coast	Line Section	Salinas 1104	B.V. 1106 CIRCUIT REINFORCEMENT	N/A	N/A	N	N/A	N/A	GNA_182261106_Capacity	182261106	BUENA VISTA 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3444	No	South Bay and Central Coast	Central Coast	Line Section	Reservation Road 1102	Reconductor - R.R. 1102	N/A	N/A	N	N/A	N/A	GNA_182731102_Voltage	182731102	RESERVATION ROAD 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3445	No	North Coast	Humboldt	Line Section	Camp Evers 2108	Newburg Rio Dell DPA_TBD1-oveloaded in-line disconnect 2073	N/A	N/A	N	N/A	N/A	GNA_192151132_Capacity	192151132	NEWBURG 1132	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1181	Yes	North Valley and Sierra	Sierra	Line Section	Live Oak 1104	Replace SW5449 on Clarksville 2109	N/A	N/A	N	N/A	N/A	GNA_153612109_Capacity	153612109	CLARKSVILLE 2109	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1255	Yes	North Valley and Sierra	North Valley	Line Section	Corning 1101	Reconductor 9000' of 2AR on Cottonwood 1103	N/A	N/A	N	N/A	N/A	GNA_102931103_Capacity	102931103	COTTONWOOD 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3446	No	North Valley and Sierra	Sierra	Line Section	Apple Hill 2102	Add new voltage regulator on Apple Hill 2102	N/A	N/A	N	N/A	N/A	GNA_153662102_Voltage	153662102	APPLE HILL 2102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3447	No	North Valley and Sierra	Sierra	Line Section	Apple Hill 2102	Reconductor 917' of 2AR on Apple Hill 2102	N/A	N/A	N	N/A	N/A	GNA_153662102_Capacity	153662102	APPLE HILL 2102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3448	No	North Valley and Sierra	Sierra	Line Section	Apple Hill 2101	Add new voltage regulator on Apple Hill 1101	N/A	N/A	N	N/A	N/A	GNA_153661104_Voltage	153661104	APPLE HILL 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3449	No	North Valley and Sierra	Sierra	Line Section	El Dorado PH 2101	Change voltage regulator to closed delta 200A on El Dorado PH 2101	N/A	N/A	N	N/A	N/A	GNA_152762101_Voltage	152762101	EL DORADO P H 2101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3450	No	North Valley and Sierra	North Valley	Line Section	Jacinto 1101	Add new voltage regulator Jacinto 1101	N/A	N/A	N	N/A	N/A	GNA_102851101_Voltage	102851101	JACINTO 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3451	No	North Valley and Sierra	North Valley	Line Section	Logan Creek 2101	Change voltage regulator on Logan Creek 2102	N/A	N/A	N	N/A	N/A	GNA_103142102_Voltage	103142102	LOGAN CREEK 2102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3452	No	North Valley and Sierra	North Valley	Line Section	Jacinto 1102	Add new voltage regulator on Jacinto 1102	N/A	N/A	N	N/A	N/A	GNA_102851102_Voltage	102851102	JACINTO 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3453	No	North Valley and Sierra	Sierra	Line Section	Higgins 1109	Add new voltage regulator on Higgins 1109	N/A	N/A	N	N/A	N/A	GNA_152691109_Voltage	152691109	HIGGINS 1109	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3454	No	North Valley and Sierra	Sierra	Line Section	Brunswick 1106	Reconductor 1301.7' of 4CU with 397__AAC_1	N/A	N/A	N	N/A	N/A	GNA_152481106_Capacity	152481106	BRUNSWICK 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1174	Yes	North Valley and Sierra	Sierra	Line Section	East Nicolaus 1102	East Nicolaus 1102: Re-conductor 1000ft of 4AR with 397AAC.	N/A	N/A	N	N/A	N/A	GNA_152151102_Capacity	152151102	EAST NICOLAUS 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1175	Yes	North Valley and Sierra	Sierra	Line Section	East Nicolaus 1103	East Nicolaus 1103: Install Line Regulator.	N/A	N/A	N	N/A	N/A	GNA_152151103_Voltage	152151103	EAST NICOLAUS 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1186	Yes	North Valley and Sierra	North Valley	Line Section	Honcut 1102	Honcut 1102: Install Line Regulator.	N/A	N/A	N	N/A	N/A	GNA_103211102_Voltage	103211102	HONCUT 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1267	Yes	North Valley and Sierra	North Valley	Line Section	Glenn 1101	Glenn 1101: Re-conductor 12,300ft of 4/DAL with 715AL.	N/A	N/A	N	N/A	N/A	GNA_102601101_Capacity	102601101	GLENN 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1198	Yes	North Valley and Sierra	North Valley	Line Section	Capay 1102	Capay 1102: Re-conductor 194ft of 2 Cu with 397AL.	N/A	N/A	N	N/A	N/A	GNA_102111102_Capacity	102111102	CAPAY 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1197	Yes	North Valley and Sierra	North Valley	Line Section	Orland B 1103	Orland B 1103: Re-conductor 1000ft of 6 Cu with 397AL.	N/A	N/A	N	N/A	N/A	GNA_102701103_Capacity	102701103	ORLAND B 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1202	Yes	North Valley and Sierra	North Valley	Line Section	Jessup 1101	Jessup 1101: Replace (2) 400A KPF SW for Load Transfer.	N/A	N/A	N	N/A	N/A	GNA_103441101_Capacity	103441101	JESSUP 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1199	Yes	North Valley and Sierra	North Valley	Line Section	Wyandotte 1106	Wyandotte 1106: Install Line Regulator.	N/A	N/A	N	N/A	N/A	GNA_102911106_Voltage	102911106	WYANDOTTE 1106	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1200	Yes	North Valley and Sierra	North Valley	Line Section	Wyandotte 1109	Wyandotte 1109: Replace (2) OH Switches.	N/A	N/A	N	N/A	N/A	GNA_102911109_Capacity	102911109	WYANDOTTE 1109	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1201	Yes	North Valley and Sierra	North Valley	Line Section	Wyandotte 1110	Wyandotte 1110: Replace OH Switch.	N/A	N/A	N	N/A	N/A	GNA_102911110_Capacity	102911110	WYANDOTTE 1110	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3455	No	North Valley and Sierra	North Valley	Line Section	Bangor 1101	Bangor 1101: Install Line Regulator.	N/A	N/A	N	N/A	N/A	GNA_103191101_Voltage	103191101	BANGOR 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3456	No	South Bay and Central Coast	Central Coast	Line Section	Hollister 2105	Hollister 2105 - Install Reg on Best Rd	N/A	N/A	N	N/A	N/A	GNA_182492105_Voltage	182492105	HOLLISTER 2105	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3457	No	South Bay and Central Coast	Los Padres	Line Section	Templeton 2112	ED - INSTALL REGULATOR	N/A	N/A	N	N/A	N/A	GNA_183052112_Voltage	183052112	TEMPLETON 2112	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1208	Yes	Central Valley	Fresno	Line Section	Stone Corral 1108	Stone Corral 1108: Re-conductor 2CU w/ 4/0 AAC	N/A	N/A	N	N/A	N/A	GNA_252921108_Capacity	252921108	STONE CORRAL 1108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3458	No	South Bay and Central Coast	San Jose	Line Section	Morgan Hill 2110	Morgan Hill 2110: 4kV to 21kV to fix an undervoltage	N/A	N/A	N	N/A	N/A	GNA_083242110_Voltage	083242110	MORGAN HILL 2110	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3459	No	South Bay and Central Coast	San Jose	Line Section	Llagas 2105	Llagas 2105: Relocate capacitor to fix an OL	N/A	N/A	N	N/A	N/A	GNA_083182105_Capacity	083182105	LLAGAS 2105	Capacity	N/A	N						

Customer Count																							
DDOR ID	Previous DDOR?	Distribution Planning Region	Division	Project Type	Project Name	Project Description	In-service Date	Project Cost (\$k)	Deferrable (Y/N)	LNBA Value (\$/kW-yr)	LNBA Value (\$/Vpu-yr)	GNA Need ID	Facility ID	GNA Facility Name	Distribution Service Required	Grid Need	Grid Need Unit	Residential	Commercial	Industrial	Agricultural	Other	Total
DDOR3478	No	North Valley and Sierra	Sierra	Line Section	Bell 1109	Bell 1109: Recondactor 4AR to 4/OAL	N/A	N/A	N	N/A	N/A	GNA_152701109_Capacity	152701109	BELL 1109	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3479	No	North Valley and Sierra	Sierra	Line Section	Wise 1102	Wise 1102: Fix Under-V at EOL	N/A	N/A	N	N/A	N/A	GNA_152271102_Voltage	152271102	WISE 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3480	No	North Valley and Sierra	North Valley	Line Section	Bangor 1101	Bangor 1101: Recondactor 15,000ft of 4/0 w/ 715	N/A	N/A	N	N/A	N/A	GNA_103191101_Capacity	103191101	BANGOR 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3481	No	North Valley and Sierra	North Valley	Line Section	Wyandotte 1103	Wyandotte 1103: Replace UG SW 1114 and 1116 with 3w SW	N/A	N/A	N	N/A	N/A	GNA_102911103_Capacity	102911103	WYANDOTTE 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3482	No	North Valley and Sierra	North Valley	Line Section	Bangor 1101	Bangor 1101: Recondactor 15,000ft from 4/0 to 715 Near Outlet	N/A	N/A	N	N/A	N/A	GNA_103191101_Capacity	103191101	BANGOR 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3483	No	North Valley and Sierra	North Valley	Line Section	Bangor 1101	Bangor 1101: Recondactor 500FT 4AR to 397	N/A	N/A	N	N/A	N/A	GNA_103191101_Capacity	103191101	BANGOR 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3484	No	Central Valley	North Valley	Line Section	Panorama 1101	Panorama 1101 reconductoring of 5,186' of 2AR with 397A TW	N/A	N/A	N	N/A	N/A	GNA_103461101_Voltage	103461101	PANORAMA 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3485	No	South Bay and Central Coast	Central Coast	Line Section	Oilfields 1102	OILFIELDS 1102 UPGRADE R720 TO 3-200A CLOSED DELTA REGULATOR	N/A	N/A	N	N/A	N/A	GNA_182391102_Voltage	182391102	OILFIELDS 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3486	No	South Bay and Central Coast	Central Coast	Line Section	San Ardo 1102	SAN ARDO 1102 RELOCATE REGULATOR R327	N/A	N/A	N	N/A	N/A	GNA_182191102_Voltage	182191102	SAN ARDO 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3487	No	South Bay and Central Coast	Central Coast	Line Section	King City 1102	KING CITY 1102 RECONDUCTORING	N/A	N/A	N	N/A	N/A	GNA_182031102_Voltage	182031102	KING CITY 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3488	No	South Bay and Central Coast	Central Coast	Line Section	King City 1101	KING CITY 1101 RECONDUCTORING	N/A	N/A	N	N/A	N/A	GNA_182191102_Voltage	182191102	SAN ARDO 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3489	No	South Bay and Central Coast	Central Coast	Line Section	King City 1106	KING CITY 1106 RECONDUCTORING	N/A	N/A	N	N/A	N/A	GNA_182031106_Capacity	182031106	KING CITY 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3492	No	Central Valley	Los Padres	Line Section	San Luis Obispo 1101	San Luis Obispo 1101: Repull Feeder Outlet W/ 1100AL	N/A	N/A	N	N/A	N/A	GNA_182631101_Capacity	182631101	SAN LUIS OBISPO 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3493	No	Central Valley	Los Padres	Line Section	Goldtree 1108	Goldtree 1108: Recondactor 2,370ft OH with 715AAC	N/A	N/A	N	N/A	N/A	GNA_182581108_Voltage	182581108	GOLDTREE 1108	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3494	No	Central Valley	Los Padres	Line Section	Atascadero 1103	Atascadero 1103: Replace Fuse 6635 with FuseSaver	N/A	N/A	N	N/A	N/A	GNA_182541103_Capacity	182541103	ATASCADERO 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3495	No	Central Valley	Los Padres	Line Section	Atascadero 1103	Atascadero 1103: Recondactor 26,240ft of Overloaded 1/0C with 397AAC	N/A	N/A	N	N/A	N/A	GNA_182541103_Voltage	182541103	ATASCADERO 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3496	No	Central Valley	Los Padres	Line Section	Pasa Robles 1107	Paso Robles 1107: Recondactor 900ft of Overloaded 6C	N/A	N/A	N	N/A	N/A	GNA_182611107_Capacity	182611107	PASO ROBLES 1107	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3497	No	Central Valley	Los Padres	Line Section	San Miguel 1104	San Miguel 1104: New Cap and Move Regs	N/A	N/A	N	N/A	N/A	GNA_182661104_Voltage	182661104	SAN MIGUEL 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3498	No	North Valley and Sierra	Los Padres	Line Section	Cayucos 1102	Cayucos 1102: New Reg	N/A	N/A	N	N/A	N/A	GNA_182551102_Voltage	182551102	CAYUCOS 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3500	No	North Valley and Sierra	Los Padres	Line Section	Mesa 1103	MESA 1103 OL - TRANSFER (SW 12501)	N/A	N/A	N	N/A	N/A	GNA_182821103_Capacity	182821103	MESA 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3501	No	Central Valley	Los Padres	Line Section	Sisquoc 1104	Sisquoc 1104 - Low Voltage Issue	N/A	N/A	N	N/A	N/A	GNA_182811104_Voltage	182811104	SISQUOC 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3502	No	Central Valley	Los Padres	Line Section	Sisquoc 1102	Sisquoc 1102 - Upgrade Outlet Cable	N/A	N/A	N	N/A	N/A	GNA_182811102_Capacity	182811102	SISQUOC 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3503	No	Central Valley	Los Padres	Line Section	Fairway 1107	FW 1107 OL - SM 1109 Transfer	N/A	N/A	N	N/A	N/A	GNA_182061107_Capacity	182061107	FAIRWAY 1107	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3504	No	South Bay and Central Coast	Central Coast	Line Section	Hollister 2101	Hollister 2101 - Reduce Cust Count	N/A	N/A	N	N/A	N/A	GNA_182492101_Reliability	182492101	HOLLISTER 2101	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3505	No	Central Valley	Central Coast	Line Section	Watsonville 2101	Watsonville Upgrade - Transfer	N/A	N/A	N	N/A	N/A	GNA_083332101_Capacity	083332101	WATSONVILLE 2101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3506	No	Central Valley	Los Padres	Line Section	Buellton 1103	Buellton Sub - Install new 1103 Feeder	N/A	N/A	N	N/A	N/A	GNA_183041101_Capacity	183041101	BUELLTON 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3508	No	South Bay and Central Coast	Central Coast	Line Section	Buena Vista 1106	BACKTIE FOR D'ARRIGO BRO - B.V. FEEDERS	N/A	N/A	N	N/A	N/A	GNA_182261106_Reliability	182261106	BUENA VISTA 1106	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3510	No	Central Valley	Los Padres	Line Section	Atascadero 1102	Atascadero 1102: New Mainline Switch	N/A	N/A	N	N/A	N/A	GNA_182541102_Capacity	182541102	ATASCADERO 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3511	No	Central Valley	Kern	Line Section	Westpark 1108	Westpark 1108 Overload Correction	N/A	N/A	N	N/A	N/A	GNA_253701108_Capacity	253701108	WESTPARK 1108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3512	No	Central Valley	Kern	Line Section	Magunden 1108	Magunden 1108 Overload Correction	N/A	N/A	N	N/A	N/A	GNA_252771108_Capacity	252771108	MAGUNDEN 1108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3513	No	Central Valley	Kern	Line Section	Cal Water 1102	Cal Water 1102 overload correction	N/A	N/A	N	N/A	N/A	GNA_255451102_Capacity	255451102	CAL WATER 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3514	No	Central Valley	Kern	Line Section	Westpark 1107	Westpark 1107 overload correction	N/A	N/A	N	N/A	N/A	GNA_253701107_Capacity	253701107	WESTPARK 1107	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3515	No	Central Valley	Kern	Line Section	Magunden 2109	Transfer from Magunden 2108 to Magunden 2109: Recondactor 6cu w/ 815AL /	N/A	N/A	N	N/A	N/A	GNA_252772109_Capacity	252772109	MAGUNDEN 2109	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3516	No	Central Valley	Kern	Line Section	Cal Water 1103, Columbus 1104, Magunden 1101, &	Replace stressed cut outs	N/A	N/A	N	N/A	N/A	GNA_255451103_Capacity	255451103	CAL WATER 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3516	No	Central Valley	Kern	Line Section	Cal Water 1103, Columbus 1104, Magunden 1101, &	Replace stressed cut outs	N/A	N/A	N	N/A	N/A	GNA_253951104_Capacity	253951104	COLUMBUS 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3516	No	Central Valley	Kern	Line Section	Cal Water 1103, Columbus 1104, Magunden 1101, &	Replace stressed cut outs	N/A	N/A	N	N/A	N/A	GNA_252771101_Capacity	252771101	MAGUNDEN 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3516	No	Central Valley	Kern	Line Section	Cal Water 1103, Columbus 1104, Magunden 1101, &	Replace stressed cut outs	N/A	N/A	N	N/A	N/A	GNA_253701103_Capacity	253701103	WESTPARK 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3517	No	Central Valley	Fresno	Line Section	Shepherd Bank 3	Shepherd Bank 3 Overload Relief	N/A	N/A	N	N/A	N/A	GNA_254082110_Capacity	254082110	CLOVIS 2110	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3517	No	Central Valley	Fresno	Line Section	Shepherd Bank 3	Shepherd Bank 3 Overload Relief	N/A	N/A	N	N/A	N/A	GNA_252062110_Capacity	252062110	SHEPHERD 2110	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3518	No	Central Valley	Fresno	Line Section	Woodward 2102	Woodward 2102 Replace Fuse F9372	N/A	N/A	N	N/A	N/A	GNA_255292102_Capacity	255292102	WOODWARD 2102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3519	No	South Bay and Central Coast	Fresno	Line Section	Gates 1106	Gates 1106 Recondactor and Device Upgrade	N/A	N/A	N	N/A	N/A	GNA_253931106_Capacity	253931106	GATES 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3520	No	Central Valley	Kern	Line Section	Midway 1102	Midway 1102 - recondactor tie to Elk hill 1104	N/A	N/A	N	N/A	N/A	GNA_252611102_Capacity	252611102	MIDWAY 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3521	No	Central Valley	Kern	Line Section	Midway 1101	Midway 1101 recondactor to correct conductor overload of 30% and low voltage	N/A	N/A	N	N/A	N/A	GNA_252611101_Capacity	252611101	MIDWAY 1101	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3522	No	Central Valley	Kern	Line Section	Midway 1103	Midway 1103 reconduto to correct conductor overload	N/A	N/A	N	N/A	N/A	GNA_252611103_Capacity	252611103	MIDWAY 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3523	No	Central Valley	Kern	Line Section	Lerdo 1116	Lerdo 1116 - recondactor 3200ft of 4AR with 715AL	N/A	N/A	N	N/A	N/A	GNA_253491116_Capacity	253491116	LERDO 1116 (OLD 1107)	Capacity	N/A							

Customer Count																							
DDOR ID	Previous DDOR?	Distribution Planning Region	Division	Project Type	Project Name	Project Description	In-service Date	Project Cost (\$k)	Deferrable (Y/N)	LNBA Value (\$/kw-yr)	LNBA Value (\$/Vpu-yr)	GNA Need ID	Facility ID	GNA Facility Name	Distribution Service Required	Grid Need	Grid Need Unit	Residential	Commercial	Industrial	Agricultural	Other	Total
DDOR3546	No	Central Valley	Fresno	Line Section	Sanger 1110	Sanger 1110/Rainbow 1106 - H&R reconductoring for transfer offload	N/A	N/A	N	N/A	N/A	GNA 252351110_Capacity	252351110	SANGER 1110	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3547	No	Central Valley	Fresno	Line Section	Reedley Bank 3	Reedley Bank 3 overload	N/A	N/A	N	N/A	N/A	GNA 2523403_Capacity	2523403	REEDLEY BANK 3	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1256	Yes	Central Valley	Fresno	Line Section	Dinuba 1104	Dinuba 1104 - Re-conductor 1/0 and 4/0 with 715AL	N/A	N/A	N	N/A	N/A	GNA 254091104_Capacity	254091104	DINUBA 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3548	No	Central Valley	Fresno	Line Section	Wahtoke 1109	Wahtoke 1109 - reconductor 4500ft of 397AL with 715Al	N/A	N/A	N	N/A	N/A	GNA 254531109_Capacity	254531109	WAHTOKE 1109	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3549	No	Central Valley	Fresno	Line Section	West Fresno 1108	West Fresno 1108 and 1109 Outlet Reconductor	N/A	N/A	N	N/A	N/A	GNA 253731109_Voltage	253731109	WEST FRESNO 1109	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3550	No	Central Valley	Fresno	Line Section	California 1106	California 1106 Overload Relief	N/A	N/A	N	N/A	N/A	GNA 252281106_Capacity	252281106	CALIFORNIA AVE 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3551	No	Central Valley	Fresno	Line Section	West Fresno 1113	New West Fresno 1113 Feeder	N/A	N/A	N	N/A	N/A	GNA 253731111_Voltage	253731111	WEST FRESNO 1111	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3552	No	Central Valley	Fresno	Line Section	West Fresno 1114	New West Fresno 1114 Feeder	N/A	N/A	N	N/A	N/A	GNA 253731101_Voltage	253731101	WEST FRESNO 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3552	No	Central Valley	Fresno	Line Section	West Fresno 1114	New West Fresno 1114 Feeder	N/A	N/A	N	N/A	N/A	GNA 252281102_Voltage	252281102	CALIFORNIA AVE 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3552	No	Central Valley	Fresno	Line Section	West Fresno 1114	New West Fresno 1114 Feeder	N/A	N/A	N	N/A	N/A	GNA 254251111_Voltage	254251111	MALAGA 1111	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3553	No	Central Valley	Fresno	Line Section	California 1103	California 1103 Local Loop Reconductoring	N/A	N/A	N	N/A	N/A	GNA 252281103_Capacity	252281103	CALIFORNIA AVE 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3557	No	Central Valley	Kern	Line Section	Charca 1103	Transfer Charca 1103 to Shafter 1102	N/A	N/A	N	N/A	N/A	GNA 254501103_Capacity	254501103	CHARCA 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3558	No	Central Valley	Kern	Line Section	McFarland 1104	Trasfer McFarland 1104 to McFarland 1101	N/A	N/A	N	N/A	N/A	GNA 253181104_Capacity	253181104	MC FARLAND 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3559	No	Central Valley	Kern	Line Section	Smyrna 1102	Reconductor OL Smyrna 1102 & transfer Smyrna 1106 to 1102	N/A	N/A	N	N/A	N/A	GNA 253551102_Capacity	253551102	SMYRNA 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3560	No	Central Valley	Kern	Line Section	Famoso 1103	Famoso 1103 - LV & PF	N/A	N/A	N	N/A	N/A	GNA 252461103_Reliabil	252461103	FAMOSO 1103	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3561	No	Central Valley	Kern	Line Section	Semitropic 1108	Semitropic 1108 - LV & PF	N/A	N/A	N	N/A	N/A	GNA 252901108_Reliabil	252901108	SEMITROPIC 1108	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3562	No	Central Valley	Kern	Line Section	Goose Lake 110	Goose Lake 1106 - OL & LV	N/A	N/A	N	N/A	N/A	GNA 254201106_Capacity	254201106	GOOSE LAKE 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3563	No	Central Valley	Kern	Line Section	Goose Lake 2104	Goose Lake 2104 - OL LV PF	N/A	N/A	N	N/A	N/A	GNA 254202104_Voltage	254202104	GOOSE LAKE 2104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3564	No	Central Valley	Kern	Line Section	Smyrna 1105 - LV	Smyrna 1105 - LV	N/A	N/A	N	N/A	N/A	GNA 253551105_Voltage	253551105	SMYRNA 1105	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3565	No	Central Valley	Fresno	Line Section	Kerman 1108	KERMAN 1108 - RECONDUCTOR AND REGS	N/A	N/A	N	N/A	N/A	GNA 252711108_Capacity	252711108	KERMAN 1108	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3566	No	Central Valley	Fresno	Line Section	Kearney 1104	Kearney 1104 - Install Regs	N/A	N/A	N	N/A	N/A	GNA 252701104_Voltage	252701104	KEARNEY 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3567	No	South Bay and Central Coast	Fresno	Line Section	Kearney 1108	Kearney 1106 - Install Cap Banks and Fuse	N/A	N/A	N	N/A	N/A	GNA 252701106_Reliabil	252701106	KEARNEY 1106	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3568	No	South Bay and Central Coast	Fresno	Line Section	Kerman 1101	Kerman 1101 - Install Reg and Fuse	N/A	N/A	N	N/A	N/A	GNA 252711101_Voltage	252711101	KERMAN 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3569	No	South Bay and Central Coast	Fresno	Line Section	Kerman 1106	Kerman 1106 - Install Regs	N/A	N/A	N	N/A	N/A	GNA 252711106_Capacity	252711106	KERMAN 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3570	No	South Bay and Central Coast	Fresno	Line Section	Kearney 1110	Kearney 1110 - Re-conductor	N/A	N/A	N	N/A	N/A	GNA 252701110_Capacity	252701110	KEARNEY 1110	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3571	No	South Bay and Central Coast	Fresno	Line Section	Kerman 1103	Kerman 1103 - Re-conductor	N/A	N/A	N	N/A	N/A	GNA 252711103_Capacity	252711103	KERMAN 1103	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3572	No	South Bay and Central Coast	Fresno	Line Section	Biola 1103	Biola 1103 - Install Regulator	N/A	N/A	N	N/A	N/A	GNA 252211103_Voltage	252211103	BIOLA 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3573	No	South Bay and Central Coast	Fresno	Line Section	Biola 1102	Biola 1102 - Install Regulator	N/A	N/A	N	N/A	N/A	GNA 252211102_Voltage	252211102	BIOLA 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3574	No	South Bay and Central Coast	Fresno	Line Section	Kerman 1104	Kerman 1104 - Install Regulator	N/A	N/A	N	N/A	N/A	GNA 252711104_Capacity	252711104	KERMAN 1104	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3575	No	Central Valley	Yosemite	Line Section	Ortiga 1106	Ortiga 1106 - New OH SW	N/A	N/A	N	N/A	N/A	GNA 254311106_Capacity	254311106	ORTIGA 1106	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3576	No	North Valley and Sierra	Yosemite	Line Section	Cottle 1708	Cottle 1708 - New 1200 KVAR Cap Bk	N/A	N/A	N	N/A	N/A	GNA 163711708_Reliabil	163711708	COTTLE 1708	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3577	No	North Valley and Sierra	Yosemite	Line Section	Panache 1103	Extend OH line from Panache 1103 to Panache 1102 to transfer load from Panoc	N/A	N/A	N	N/A	N/A	GNA 253671102_Capacity	253671102	PANOCHÉ 1102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3578	No	South Bay and Central Coast	Stockton	Line Section	Vierra 1702	Vierra 1702 - Replace (2) S.B. w/900A OH U.S. switches	N/A	N/A	N	N/A	N/A	GNA 162701702_Capacity	162701702	VIERRA 1702	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3580	No	North Valley and Sierra	San Jose	Line Section	River Oaks 2102	SCADA Transfer Trimble 2118 (Nortech 2106) - River Oaks 2102	N/A	N/A	N	N/A	N/A	GNA 082342102_Capacity	082342102	RIVER OAKS 2102	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3581	No	Central Valley	Stockton	Line Section	Weber 1111	Weber 1111 - install UG tie with 2300ft of 110DAL with 1-6" D spare between W	N/A	N/A	N	N/A	N/A	GNA 163481111_Capacity	163481111	WEBER NEW 1111 (2021)	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3584	No	Central Valley	Sierra	Line Section	Pleasant Grove 2110	Pleasant Grove 2110 OH 277' reconductoring	N/A	N/A	N	N/A	N/A	GNA 152442110_Capacity	152442110	PLEASANT GROVE 2110	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3586	No	Bay Area	San Francisco	Line Section	Larkin SF Y 1138	LARKIN SF Y 1138 RECONFIGURATION	N/A	N/A	N	N/A	N/A	GNA 022801138_Capacity	022801138	LARKIN (SF Y) 1138	Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3032	No	South Bay and Central Coast	Central Coast	Line Section	Soledad 2102	Reconductor Soledad 2102 - 700' 267AL	N/A	N/A	N	N/A	N/A	GNA 182052102_Reliabil	182052102	SOLEDA2 2102	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3588	No	North Coast	Humboldt	Line Section	Middletown 1102	MIDDLETOWN 1102 - Conductor Overload	N/A	N/A	N	N/A	N/A	GNA 043141102_Reliabil	043141102	MIDDLETOWN 1102	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3046	No	South Bay and Central Coast	Los Padres	Line Section	Templeton 2111	Transfer to new feeder	N/A	N/A	N	N/A	N/A	GNA 182541101_Reliabil	182541101	ATASCADERO 1101	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3054	No	Bay Area	Peninsula	Line Section	East Grand 1106	REDUCE LOAD ON EG1106 TO <600AMPS	N/A	N/A	N	N/A	N/A	GNA 022571106_Reliabil	022571106	EAST GRAND 1106	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3224	No	North Coast	Sonoma	Line Section	Mirabel 1101	MIRABEL 1101 - RECONDUCTOR 3,300 FT OF 2CU WITH 397AL	N/A	N/A	N	N/A	N/A	GNA 042091101_Reliabil	042091101	MIRABEL 1101	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3232	No	South Bay and Central Coast	Los Padres	Line Section	Atascadero 1103	[ON HOLD] Offload 2MW from Atascadero 1103 to 1102	N/A	N/A	N	N/A	N/A	GNA 182541102_Reliabil	182541102	ATASCADERO 1102	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3241	No	Bay Area	Diablo	Line Section	Willow Pass Bank 3	Install Devices to Offload Willow Pass Bank 3	N/A	N/A	N	N/A	N/A	GNA 014452106_Reliabil	014452106	KIRKER 2106	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3250	No	Bay Area	East Bay	Line Section	Oakland J 1116	J 1116 EXTEND MAINLINE	N/A	N/A	N	N/A	N/A	GNA 012091116_Reliabil	012091116	OAKLAND J 1116	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3261	No	Central Valley</																					

																	Customer Count						
DDOR ID	Previous DDOR?	Distribution Planning Region	Division	Project Type	Project Name	Project Description	In-service Date	Project Cost (\$k)	Deferrable (Y/N)	LNBA Value (\$/kW-yr)	LNBA Value (\$/Vpu-yr)	GNA Need ID	Facility ID	GNA Facility Name	Distribution Service Required	Grid Need	Grid Need Unit	Residential	Commercial	Industrial	Agricultural	Other	Total
DDOR1265	Yes	Central Valley	Fresno	Line Section	Schindler 1105	Schindler 1105 Resolve Overload and Low Voltage	N/A	N/A	N	N/A	N/A	GNA_252891105_Voltage	252891105	SCHINDLER 1105	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3225	No	Central Valley	Kern	Line Section	Rio Bravo 1106	Rio Bravo 1106 reconductor 4AR at 26.6% OL	N/A	N/A	N	N/A	N/A	GNA_252861106_Voltage	252861106	RIO BRAVO 1106	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3226	No	North Valley and Sierra	North Valley	Line Section	Logan Creek 2102	LOGAN CREEK 2102 RECONDUCTOR 10,576' AND INSTALL LINE REGULATOR	N/A	N/A	N	N/A	N/A	GNA_103142102_Voltage	103142102	LOGAN CREEK 2102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3227	No	Central Valley	Kern	Line Section	Smyrna 1106	Smyrna 1106 - OL, LV, and PF correction.	N/A	N/A	N	N/A	N/A	GNA_253551106_Voltage	253551106	SMYRNA 1106	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3234	No	Bay Area	Peninsula	Line Section	Carolands 404	Carolands 404- replace overload UG/OH mainline	N/A	N/A	N	N/A	N/A	GNA_024060404_Voltage	024060404	CAROLANDS 0404	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3235	No	South Bay and Central Coast	Central Coast	Line Section	Salinas 1104	RECONDUCTOR - SALINAS 1104	N/A	N/A	N	N/A	N/A	GNA_182011104_Voltage	182011104	SALINAS 1104	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3246	No	Bay Area	Peninsula	Line Section	Menlo 403	Menlo 403 - Replace overload swt/ UG mainline and correct low voltage	N/A	N/A	N	N/A	N/A	GNA_024130403_Voltage	024130403	MENLO 0403	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1152	Yes	South Bay and Central Coast	Los Padres	Line Section	Mesa 1101	MESA 1101 - REG RS42 UPGRADE	N/A	N/A	N	N/A	N/A	GNA_182821101_Voltage	182821101	MESA 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3272	No	South Bay and Central Coast	Los Padres	Line Section	Atascadero 1103	EP - ATASCADERO 1103 - REROUTE MAINLINE	N/A	N/A	N	N/A	N/A	GNA_182541103_Voltage	182541103	ATASCADERO 1103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1156	Yes	Central Valley	Fresno	Line Section	Gates 1102	Gates 1102 Reconductor	N/A	N/A	N	N/A	N/A	GNA_253931102_Voltage	253931102	GATES 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3294	No	Central Valley	Kern	Line Section	Lerdo 1113	Lerdo 1113 - Rearrange Feeder	N/A	N/A	N	N/A	N/A	GNA_253491113_Voltage	253491113	LERDO 1113 (OLD 1106)	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1230	Yes	South Bay and Central Coast	Los Padres	Line Section	Templeton 2109	EP - TEMPLETON 2109 - RECONDUCTOR	N/A	N/A	N	N/A	N/A	GNA_183052109_Voltage	183052109	TEMPLETON 2109	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3418	No	Central Valley	Kern	Line Section	Temblor 2103	Temblor 2103 - install 1 - 900KVAr capacitor; 1-150A close delta regulator and re	N/A	N/A	N	N/A	N/A	GNA_252552103_Voltage	252552103	TEMBLOR 2103	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1116	Yes	South Bay and Central Coast	Central Coast	Line Section	Camphora 1101	Camphora 1101 - Reconductor/voltage support	N/A	N/A	N	N/A	N/A	GNA_182071101_Voltage	182071101	CAMPHORA 1101	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3176	No	South Bay and Central Coast	Los Padres	Line Section	Atascadero 1101	EP - Atascadero 1101 FUSE 4663 ZONE 3rd PHASE	N/A	N/A	N	N/A	N/A	GNA_182541101_Reliabil	182541101	ATASCADERO 1101	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3200	No	South Bay and Central Coast	San Jose	Line Section	Swift 2110	Install SCADA reg Bank on Swift 2110	N/A	N/A	N	N/A	N/A	GNA_083392110_Reliabil	083392110	SWIFT 2110	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR1114	Yes	South Bay and Central Coast	Central Coast	Line Section	Oilfields 1103	Oilfields 1103 - Replace B488 with Line reg	N/A	N/A	N	N/A	N/A	GNA_182391103_Reliabil	182391103	OILFIELDS 1103	Reliability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3014	No	South Bay and Central Coast	Central Coast	Line Section	Spence 1101	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_182201104_Voltage	182201104	SPENCE 1104 (OLD 1122)	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3014	No	South Bay and Central Coast	Central Coast	Line Section	Spence 1101	Install new feeder	N/A	N/A	N	N/A	N/A	GNA_182201102_Voltage	182201102	SPENCE 1102 (OLD 1123)	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DDOR3252	No	Central Valley	Stockton	Line Section	Carbona 1102	Carbona 1102 - Reconductor 5600ft	N/A	N/A	N	N/A	N/A	GNA_163091102_Voltage	163091102	CARBONA 1102	Voltage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Worksheet/Tab	Purpose
General Input	Data includes equipment revenue requirement multipliers and O&M costs as a percentage of direct costs. Generic discount rate and default inflation rate information. 2023 updates include 1.43% property tax factor, 6.697 Discount Factor (2023 Cost of Capital Decision)
LNBA Results-PlannedInvestments	Results of the LNBA values are presented here. For example: Value of Deferral Benefits (\$000s) in Install Year (Capital Benefit in Install Year, O&M Deferral Benefit in Install Year) and Load Forecast year. Normalized Deferral Benefit (\$/kW*yr)
Project Specific Inputs	Utility Inputs: Project specific information such as cost and need for projects .

PG&E 2023 Distribution Deferral Opportunity Report (DDOR)
Appendix J.1: LNBA - Planned Investments - Line Sections - General Inputs
Version Date: 11/30/2023

Public

First load forecast year

After Tax Weighted Cost of Capital (ATWACC)

Cost Year Basis*

End of Deferral year

8/1/2023

6.69%

8/1/2023

7/31/2033

10 year added to first load forecast year

Input

Reference value

Calculated

Input	2023 Cost			
	General	Substation Bank	Primary Feeder	Poles and towers
Revenue Requirement Multiplier (Fixed Costs)	145.25%	144.14%	146.36%	149.93%
Revenue Requirement Multiplier With O&M	243.93%	184.86%	302.99%	304.30%
Equipment Inflation	2.50%	2.50%	2.50%	2.50%
O&M Inflation	2.50%	2.50%	2.50%	2.50%
O&M Factor	5.15%	2.13%	8.18%	8.18%
O&M Old Eqpt	0.00%	0.00%	0.00%	0.00%
Book Life	46	46	46	44
RECC	0.04667	0.04667	0.04667	0.0474
Discount rate net of project inflation (5/yr)	4.09%	4.09%	4.09%	4.09%

(*) 2023 updates include 1.43% property tax factor, 6.69% Discount Factor (2023 Cost of Capital Decision). Multipliers continue to use May 1, 2023 depreciation rates and O&M factors from 2022 tool.

**For projects with hybrid (Bank and Feeder) needs use the General during detailed analysis

2023 Multiplier Details									
2023	Rate	Ratio	WACC	TR	ATWACC		Station Equipment	OH Conductors & Devices	Poles, Towers, & Fixtures
Bond Interest	4.31	0.48	2.07		1.49	SalVal	-40	-90	-150
Equity	10.00	0.52	5.20		5.20	ServLife	46	46	44
Adopted			7.27	0.2798	6.69	PVRR (Fixed) (%)	144.14	146.36	149.93
						PVRR W/O&M (%)	184.86	302.99	304.30
						O&M factor	2.13%	8.18%	8.18%

Description	PVRR	PVRR	PVRR
Return on Investment	53.0945%	53.09%	53.53%
Book Depreciation	52.64%	54.87%	58.00%
Federal and State Income Taxes	14.18%	14.18%	14.25%
Property Tax	14.26%	14.26%	14.26%
Insurance	9.9645%	9.96%	9.90%
Subtotal of Fixed Charges	144.14%	146.36%	149.93%
M&O	40.72%	156.63%	154.37%
Total	184.86%	302.99%	304.30%

GNA ID	DDOR ID	Project Name	Project Type	New or Existing Equipment	Project Cost (\$k)	Revenue Requirement Multiplier	Discount Rate (%/yr)	Equipment Inflation	O&M Inflation	Book Life (Year)	DER Install Year	Cost year basis	Analysis Year	Years (10-Year Period)	Real Economic Carrying Cost (RECC)	Discount rate net or project inflation (Slr)	Revenue Requirement (RR) Install Yr \$'s	RR * RECC	Value of Deferral Benefits (\$000s) in Install Year (Capital + O&M)	Value of Deferral Benefit (\$000s) in 2023	Grid Need (MW/Vpu/M VAR)	Units	Sum of Grid Need per Project (MW/Vpu/MVAR)	Units	Number of Needs solved by project	Estimated LNBA Value (\$/kW-yr)	Estimated LNBA Value (\$/Vpu-yr)
GNA_013501105_Reliability	DDOR3057	Jarvis Bank 2 and 1107	Line Section	N/A	\$4,594	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253541102_Capacity	DDOR132	El Nido 1106	Line Section	N/A	\$6,147	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192221102_Capacity	DDOR3058	Garberville 1101 & 1102	Line Section	N/A	\$1,385	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_012091102_Capacity	DDOR3059	Oakland Edes 1102	Line Section	N/A	\$508	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_014471110_Capacity	DDOR3060	Jarvis 1102	Line Section	N/A	\$626	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252761117_Capacity	DDOR3061	Madera 1117	Line Section	N/A	\$1,742	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192461102_Voltage	DDOR1142	Bridgeville 1102	Line Section	N/A	\$166	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252821103_Capacity	DDOR3062	Old River 1105	Line Section	N/A	\$135	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252801114_Capacity	DDOR3063	Merced 1114	Line Section	N/A	\$286	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253151102_Capacity	DDOR3064	Giffen 1102	Line Section	N/A	\$1,630	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192461102_Voltage	DDOR1142	Bridgeville 1102	Line Section	N/A	\$166	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192171101_Capacity	DDOR3066	Willow Creek 1101	Line Section	N/A	\$820	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_162991101_Capacity	DDOR3067	Corral 1101	Line Section	N/A	\$900	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_022031121_Capacity	DDOR3068	Potrero (SF A) 1122	Line Section	N/A	\$462	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_083871105_Reliability	DDOR3069	FMC 1112	Line Section	N/A	\$349	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_043501102_Capacity	DDOR1273	Windsor 1102	Line Section	N/A	\$1,733	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_022031108_Capacity	DDOR3070	Potrero (SF A) 1120	Line Section	N/A	\$7,070	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254091107_Capacity	DDOR1269	Dinuba 1103	Line Section	N/A	\$1,408	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182381103_Capacity	DDOR3071	DOLAN ROAD 1103	Line Section	N/A	\$1,740	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182381103_Capacity	DDOR3071	DOLAN ROAD 1103	Line Section	N/A	\$1,740	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254611104_Capacity	DDOR3074	Storey 1104	Line Section	N/A	\$634	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252921108_Voltage	DDOR3075	Stone Corral 1108	Line Section	N/A	\$180	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_082160401_Capacity	DDOR3076	Loyola Bank 1	Line Section	N/A	\$4,544	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_024080402_Capacity	DDOR3077	Emerald Lake 402	Line Section	N/A	\$150	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254461109_Capacity	DDOR3078	Newhall 1109	Line Section	N/A	\$10	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152591102_Capacity	DDOR3079	Summit 1101 & 1102	Line Section	N/A	\$2,640	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_013232102_Capacity	DDOR1122	Lone Tree 2106	Line Section	N/A	\$3,028	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182082103_Capacity	DDOR3080	Spence 1101	Line Section	N/A	\$7,179	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182201103_Capacity	DDOR1151	Spence Bank 2	Line Section	N/A	\$1,284	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182201105_Capacity	DDOR1151	Spence Bank 2	Line Section	N/A	\$1,284	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042711101_Capacity	DDOR3084	CALIFSTOGA BANK 1	Line Section	N/A	\$350	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253441103_Capacity	DDOR3087	CALFLAX BANK 2	Line Section	N/A	\$2,466	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192251101_Capacity	DDOR3088	RIO DELL 1101	Line Section	N/A	\$8,581	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253441103_Capacity	DDOR3087	CALFLAX BANK 2	Line Section	N/A	\$2,466	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_022011120_Capacity	DDOR3092	MISSION (SF X) 1120	Line Section	N/A	\$3,401	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254552102_Capacity	DDOR3094	Figarden 2114	Line Section	N/A	\$4,896	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253191102_Capacity	DDOR1263	San Bernard 1102	Line Section	N/A	\$4,474	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253191102_Capacity	DDOR1263	San Bernard 1102	Line Section	N/A	\$4,474	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_083622106_Reliability	DDOR3097	Camp Evers 2106	Line Section	N/A	\$1,274	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_022031113_Capacity	DDOR1106	A1113 Circuit Reinforcement	Line Section	N/A	\$7,177	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_014371105_Capacity	DDOR3099	San Pablo 1104	Line Section	N/A	\$8,103	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_043292104_Capacity	DDOR3100	Pueblo 2104	Line Section	N/A	\$1,531	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182661104_Capacity	DDOR3101	San Miguel 1104	Line Section	N/A	\$1,613	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182661104_Capacity	DDOR3101	San Miguel 1104	Line Section	N/A	\$1,613	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042151106_Capacity	DDOR3104	SANTA ROSA A 1102, 1103 & 1106	Line Section	N/A	\$1,469	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042151103_Capacity	DDOR3104	SANTA ROSA A 1102, 1103 & 1106	Line Section	N/A	\$1,469	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042151102_Capacity	DDOR3104	SANTA ROSA A 1102, 1103 & 1106	Line Section	N/A	\$1,469	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_103331102_Capacity	DDOR3105	Corning 1102	Line Section	N/A	\$4,094	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_022011101_Capacity	DDOR3106	Mission X-1101	Line Section	N/A	\$6,677	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_022031108_Capacity	DDOR3070	Potrero (SF A) 1120	Line Section	N/A	\$7,070	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163481102_Capacity	DDOR3108	Weber 1102	Line Section	N/A</																							

GNA ID	DDOR ID	Project Name	Project Type	New or Existing Equipment	Project Cost (\$k)	Revenue Requirement Multiplier	Discount Rate (%/yr)	Equipment Inflation	O&M Inflation	Book Life (Year)	DER Install Year	Cost year basis	Analysis Year	Years (10-Year Period)	Real Economic Carrying Cost (RECC)	Discount rate net or project inflation (Slr)	Revenue Requirement (RR) Install Yr \$'s	RR * RECC	Value of Deferral Benefits (\$000s) in Install Year (Capital + O&M)	Value of Deferral Benefit (\$000s) in 2023	Grid Need (MW/Vpu/M VAR)	Units	Sum of Grid Need per Project (MW/Vpu/MVAR)	Units	Number of Needs solved by project	Estimated LNBA Value (\$/kW-yr)	Estimated LNBA Value (\$/Vpu-yr)
GNA_022071103_Capacity	DDOR1160	Potero (SF A) 1101	Line Section	N/A	\$500	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_013761114_Capacity	DDOR3118	Mt Eden 1114	Line Section	N/A	\$61	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253731105_Voltage	DDOR3119	West Fresno 1105	Line Section	N/A	\$124	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182201104_Capacity	DDOR3120	Los Ositos 2103	Line Section	N/A	\$7,000	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182201102_Capacity	DDOR3120	Los Ositos 2103	Line Section	N/A	\$7,000	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_082241103_Capacity	DDOR1125	Los Altos 1103	Line Section	N/A	\$4,173	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_024091102_Capacity	DDOR3121	Glenwood 1102	Line Section	N/A	\$358	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253151102_Capacity	DDOR3064	Giffen 1102	Line Section	N/A	\$1,630	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254601103_Capacity	DDOR3123	Sand Creek 1103	Line Section	N/A	\$3,701	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_082160401_Capacity	DDOR3076	Loyola Bank 1	Line Section	N/A	\$4,544	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_043501101_Capacity	DDOR3125	Windsor 1101	Line Section	N/A	\$1,131	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252761114_Capacity	DDOR3126	Madera 1114	Line Section	N/A	\$192	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_024261105_Capacity	DDOR3127	Bair 1105	Line Section	N/A	\$120	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_255371106_Reliability	DDOR3128	Oro Loma 1106	Line Section	N/A	\$10	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252451104_Voltage	DDOR1132	EL NIDOS 1104	Line Section	N/A	\$114	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254611109_Voltage	DDOR3129	Storey 1109	Line Section	N/A	\$33	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_024161104_Reliability	DDOR3130	Redwood City 1104	Line Section	N/A	\$47	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_013911101_Capacity	DDOR3131	WILLOW PASS 1101	Line Section	N/A	\$4,521	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_022011107_Capacity	DDOR3132	Mission X1107	Line Section	N/A	\$13,975	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042711101_Capacity	DDOR3084	CALIFSTOGA BANK 1	Line Section	N/A	\$350	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254121103_Capacity	DDOR3134	McCall 1103	Line Section	N/A	\$2,264	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042281105_Capacity	DDOR123	Potter Valley 1105	Line Section	N/A	\$2,376	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254072112_Capacity	DDOR3135	Stockdale 2112	Line Section	N/A	\$381	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253651102_Capacity	DDOR3136	Famoso Bank 1	Line Section	N/A	\$2,623	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252371102_Capacity	DDOR1241	Caruthers 1102	Line Section	N/A	\$5,357	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042141101_Capacity	DDOR158	Clear Lake 1101	Line Section	N/A	\$2,097	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182402107_Capacity	DDOR1049	Fort Ord 2107	Line Section	N/A	\$4,680	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252421105_Capacity	DDOR3137	Dairyland 1105	Line Section	N/A	\$601	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_043351103_Capacity	DDOR1145	Lucerne 1103	Line Section	N/A	\$3,333	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042871101_Capacity	DDOR1145	Lucerne 1103	Line Section	N/A	\$3,333	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_012091104_Capacity	DDOR264	Oakland J1101 & J1104	Line Section	N/A	\$1,721	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252861104_Capacity	DDOR3138	Rio Bravo 1104	Line Section	N/A	\$1,001	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182052105_Capacity	DDOR3139	Soledad 2105	Line Section	N/A	\$9,092	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253671103_Capacity	DDOR3140	PANOCHÉ 1103	Line Section	N/A	\$12,721	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_022031106_Capacity	DDOR3141	POTRERO (SF A) 1106	Line Section	N/A	\$1,030	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_083332101_Capacity	DDOR1244	Watsonville 2101	Line Section	N/A	\$541	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254272108_Capacity	DDOR3143	Cassidy 2108	Line Section	N/A	\$2,018	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254272108_Capacity	DDOR3143	Cassidy 2108	Line Section	N/A	\$2,018	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252931102_Capacity	DDOR3145	Tejon 1107 & 1102	Line Section	N/A	\$3,040	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252931107_Capacity	DDOR3145	Tejon 1107 & 1102	Line Section	N/A	\$3,040	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_043301105_Capacity	DDOR3146	MONROE 2108	Line Section	N/A	\$3,300	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252901112_Capacity	DDOR3147	SEMITROPIC 1112	Line Section	N/A	\$3,196	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152901103_Capacity	DDOR184	Marysville 1105	Line Section	N/A	\$2,090	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254601103_Capacity	DDOR3123	Sand Creek 1103	Line Section	N/A	\$3,701	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254601103_Capacity	DDOR3123	Sand Creek 1103	Line Section	N/A	\$3,701	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_082160401_Capacity	DDOR3076	Loyola Bank 1	Line Section	N/A	\$4,544	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_082160401_Capacity	DDOR3076	Loyola Bank 1	Line Section	N/A	\$4,544	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253931101_Capacity	DDOR3152	GATES BANK 3	Line Section	N/A	\$9,865	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253411102_Capacity	DDOR3153	Lakeview 1108	Line Section	N/A	\$3,003	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_083192101_Voltage	DDOR3154	Green Valley 2101	Line Section	N/A	\$4,975	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254611114_Capacity	DDOR3155	Storey 1114	Line Section	N/A	\$7,889	N/A	6.69%	2.50%	2.50%																		

GNA ID	DDOR ID	Project Name	Project Type	New or Existing Equipment	Project Cost (\$k)	Revenue Requirement Multiplier	Discount Rate (%/yr)	Equipment Inflation	O&M Inflation	Book Life (Year)	DER Install Year	Cost year basis	Analysis Year	Years (10-Year Period)	Real Economic Carrying Cost (RECC)	Discount rate net or project inflation (Slr)	Revenue Requirement (RR) Install Yr \$'s	RR * RECC	Value of Deferral Benefits (\$000s) in Install Year (Capital + O&M)	Value of Deferral Benefit (\$000s) in 2023	Grid Need (MW/Vpu/M VAR)	Units	Sum of Grid Need per Project (MW/Vpu/MVAR)	Units	Number of Needs solved by project	Estimated LNBA Value (\$/kW-yr)	Estimated LNBA Value (\$/Vpu-yr)	
GNA_252281111_Capacity	DDOR1051	CALIFORNIA AVE 1111	Line Section	N/A	\$1,120	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_252281102_Capacity	DDOR1051	CALIFORNIA AVE 1111	Line Section	N/A	\$1,120	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_103331103_Capacity	DDOR1150	Corning 1103	Line Section	N/A	\$560	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042251101_Capacity	DDOR3163	HOPLAND 1101	Line Section	N/A	\$3,491	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_012041106_Capacity	DDOR3164	Oakland D 1106	Line Section	N/A	\$3,910	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254251102_Capacity	DDOR3165	Malaga 1102	Line Section	N/A	\$2,490	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182492105_Capacity	DDOR3166	Hollister 2105	Line Section	N/A	\$3,216	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163741103_Capacity	DDOR173	Herdlyn 1103	Line Section	N/A	\$1,543	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252891114_Capacity	DDOR230	Schindler 1114	Line Section	N/A	\$390	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252421109_Capacity	DDOR3167	Dairyland 1109	Line Section	N/A	\$2,032	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_255371106_Capacity	DDOR224	Oro Loma 1106	Line Section	N/A	\$1,518	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163481101_Reliability	DDOR3168	WEBER 1111	Line Section	N/A	\$2,217	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182671112_Reliability	DDOR3169	SANTA MARIA 1112	Line Section	N/A	\$354	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163741103_Capacity	DDOR173	Herdlyn 1103	Line Section	N/A	\$1,543	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182601106_Capacity	DDOR3182	Oceano 1106	Line Section	N/A	\$245	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253481101_Capacity	DDOR3207	Wheeler Ridge 1101	Line Section	N/A	\$20	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_636421114_Capacity	DDOR3209	Peabody Bank 3 & Peabody 2114	Line Section	N/A	\$9,280	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254582101_Capacity	DDOR3213	7th Standard 2101	Line Section	N/A	\$5,666	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_102601101_Capacity	DDOR3222	Glenn 1101 & Orland B 1102	Line Section	N/A	\$2,780	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_102701102_Capacity	DDOR3222	Glenn 1101 & Orland B 1102	Line Section	N/A	\$2,780	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042151105_Capacity	DDOR3237	Santa Rosa A 1105	Line Section	N/A	\$768	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_102601101_Voltage	DDOR1128	Glenn 1101	Line Section	N/A	\$158	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_013652113_Capacity	DDOR1170	Contra Costa 2113	Line Section	N/A	\$183	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182561101_Voltage	DDOR3499	Cholame 1101	Line Section	N/A	\$3,479	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182941102_Voltage	DDOR3507	Otter 1102	Line Section	N/A	\$10,754	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_63591110_Voltage	DDOR3509	Vaca Dixon 1110	Line Section	N/A	\$10,458	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254582105_Capacity	DDOR3554	7th Standard 2105	Line Section	N/A	\$4,428	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254582106_Capacity	DDOR3555	7th Standard 2106	Line Section	N/A	\$6,378	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_014722103_Capacity	DDOR3579	Dixon Landing 2103	Line Section	N/A	\$1,111	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163481118_Voltage	DDOR3582	Weber 1118	Line Section	N/A	\$3,232	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042821102_Capacity	DDOR3583	Cloverdale 1102	Line Section	N/A	\$478	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252161107_Capacity	DDOR3585	Coalinga No 1 1105	Line Section	N/A	\$4,000	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182401101_Reliability	DDOR3587	Ford Ord 1101	Line Section	N/A	\$1,185	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_162991101_Reliability	DDOR3067	Corral 1101	Line Section	N/A	\$900	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163781705_Reliability	DDOR3161	Peoria 1705	Line Section	N/A	\$1,860	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192221102_Voltage	DDOR3058	Garberville 1101 & 1102	Line Section	N/A	\$1,385	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252821103_Voltage	DDOR3062	Old River 1105	Line Section	N/A	\$135	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252801114_Voltage	DDOR3063	Merced 1114	Line Section	N/A	\$286	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253151102_Voltage	DDOR3064	Giffen 1102	Line Section	N/A	\$1,630	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192171101_Voltage	DDOR3066	Willow Creek 1101	Line Section	N/A	\$820	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_043501102_Voltage	DDOR1273	Windsor 1102	Line Section	N/A	\$1,733	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_082160401_Voltage	DDOR3076	Loyola Bank 1	Line Section	N/A	\$4,544	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_024080402_Voltage	DDOR3077	Emerald Lake 402	Line Section	N/A	\$150	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253441103_Voltage	DDOR3087	Califax Bank 2	Line Section	N/A	\$2,466	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253441103_Voltage	DDOR3087	Califax Bank 2	Line Section	N/A	\$2,466	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182661104_Voltage	DDOR3101	San Miguel 1104	Line Section	N/A	\$1,613	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182661104_Voltage	DDOR3101	San Miguel 1104	Line Section	N/A	\$1,613	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_103331102_Voltage	DDOR3105	Corning 1102	Line Section	N/A	\$4,094	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163481102_Voltage	DDOR3108	Weber 1102	Line Section	N/A	\$3,613	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_062462226_Voltage	DDOR3110	Grand Island 2226 &																										

GNA ID	DDOR ID	Project Name	Project Type	New or Existing Equipment	Project Cost (\$k)	Revenue Requirement Multiplier	Discount Rate (%/yr)	Equipment Inflation	O&M Inflation	Book Life (Year)	DER Install Year	Cost year basis	Analysis Year	Years (10-Year Period)	Real Economic Carrying Cost (RECC)	Discount rate net or project inflation (5/yr)	Revenue Requirement (RR) Install Yr \$'s	RR * RECC	Value of Deferral Benefits (\$000s) in Install Year (Capital + O&M)	Value of Deferral Benefit (\$000s) in 2023	Grid Need (MW/Vpu/MVAR)	Units	Sum of Grid Need per Project (MW/Vpu/MVAR)	Units	Number of Needs solved by project	Estimated LNBA Value (\$/kW-yr)	Estimated LNBA Value (\$/Vpu-yr)
GNA_254601103_Voltage	DDOR3123	Sand Creek 1103	Line Section	N/A	\$3,701	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_082160401_Voltage	DDOR3076	Loyola Bank 1	Line Section	N/A	\$4,544	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_082160401_Voltage	DDOR3076	Loyola Bank 1	Line Section	N/A	\$4,544	N/A	6.69%	2.50%	2.50%	46	2024	8/1/2023	8/1/2023	9	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252381106_Voltage	DDOR1048	Coalinga No 2 1106	Line Section	N/A	\$4,639	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182492105_Voltage	DDOR3166	Hollister 2105	Line Section	N/A	\$3,216	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_255371106_Voltage	DDOR224	Oro Loma 1106	Line Section	N/A	\$1,518	N/A	6.69%	2.50%	2.50%	46	2025	8/1/2023	8/1/2023	8	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

GNA ID	DDOR ID	Project Name	Project Type	Capital Cost (2022 \$)				Need Year/In Service Date	Grid Need Energy (MWh/yr)	Peak Day Energy (MWh)	Deferral Years	Distribution Service Required	Grid Need (MW/Vpu/MVAR)	Units	DER Installation Year
				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_013501105_Reliability	DDOR3057	Jarvis Bank 2 and 1107	Line Section		N/A	\$4,594	N/A	2024	N/A	N/A	9	Reliability	N/A	N/A	2024
GNA_253541102_Capacity	DDOR132	El Nido 1106	Line Section		N/A	\$6,147	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_192221102_Capacity	DDOR3058	Garberville 1101 & 1102	Line Section		N/A	\$1,385	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_012091102_Capacity	DDOR3059	Oakland Edes 1102	Line Section		N/A	\$508	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_014471110_Capacity	DDOR3060	Jarvis 1102	Line Section		N/A	\$626	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_252761117_Capacity	DDOR3061	Madera 1117	Line Section		N/A	\$1,742	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_192461102_Voltage	DDOR1142	Bridgeville 1102	Line Section		N/A	\$166	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_252821103_Capacity	DDOR3062	Old River 1105	Line Section		N/A	\$135	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_252801114_Capacity	DDOR3063	Merced 1114	Line Section		N/A	\$286	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_253151102_Capacity	DDOR3064	Giffen 1102	Line Section		N/A	\$1,630	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_192461102_Voltage	DDOR3065	Bridgeville 1102	Line Section		N/A	\$26	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_192171101_Capacity	DDOR3066	Willow Creek 1101	Line Section		N/A	\$820	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_162991101_Capacity	DDOR3067	Corral 1101	Line Section		N/A	\$900	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_022031121_Capacity	DDOR3068	Potrero (SF A) 1122	Line Section		N/A	\$462	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_083871105_Reliability	DDOR3069	FMC 1112	Line Section		N/A	\$349	N/A	2024	N/A	N/A	9	Reliability	N/A	N/A	2024
GNA_043501102_Capacity	DDOR1273	Windsor 1102	Line Section		N/A	\$1,733	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_022031108_Capacity	DDOR3070	Potrero (SF A) 1120	Line Section		N/A	\$7,070	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_254091107_Capacity	DDOR1269	Dinuba 1103	Line Section		N/A	\$1,408	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_182381103_Capacity	DDOR3071	DOLAN ROAD 1103	Line Section		N/A	\$1,740	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_182381103_Capacity	DDOR3072	Dolan Bank	Line Section		N/A	\$1,740	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_254611104_Capacity	DDOR3074	Storey 1104	Line Section		N/A	\$634	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_252921108_Voltage	DDOR3075	Stone Corral 1108	Line Section		N/A	\$180	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_082160401_Capacity	DDOR3076	Loyola Bank 1	Line Section		N/A	\$4,544	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_024080402_Capacity	DDOR3077	Emerald Lake 402	Line Section		N/A	\$150	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_254461109_Capacity	DDOR3078	Newhall 1109	Line Section		N/A	\$10	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_152591102_Capacity	DDOR3079	Summit 1101 & 1102	Line Section		N/A	\$2,640	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_013232102_Capacity	DDOR1122	Lone Tree 2106	Line Section		N/A	\$3,028	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_182082103_Capacity	DDOR3080	Spence 1101	Line Section		N/A	\$7,179	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_182201103_Capacity	DDOR1151	Spence Bank 2	Line Section		N/A	\$1,284	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_182201105_Capacity	DDOR1151	Spence Bank 2	Line Section		N/A	\$1,284	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_042711101_Capacity	DDOR3084	CALIFSTOGA BANK 1	Line Section		N/A	\$350	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_253441103_Capacity	DDOR3087	CALFLAX BANK 2	Line Section		N/A	\$2,466	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_192251101_Capacity	DDOR3088	RIO DELL 1101	Line Section		N/A	\$8,581	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_253441103_Capacity	DDOR3091	Califax Bank 2	Line Section		N/A	\$6,982	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_022011120_Capacity	DDOR3092	MISSION (SF X) 1120	Line Section		N/A	\$3,401	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_254552102_Capacity	DDOR3094	Figarden 2114	Line Section		N/A	\$4,896	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_253191102_Capacity	DDOR1263	San Bernard 1102	Line Section		N/A	\$4,474	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_253191102_Capacity	DDOR3095	SAN BERNARD BANK 2	Line Section		N/A	\$350	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_083622106_Reliability	DDOR3097	Camp Evers 2106	Line Section		N/A	\$1,274	N/A	2024	N/A	N/A	9	Reliability	N/A	N/A	2024
GNA_022031113_Capacity	DDOR1106	A1113 Circuit Reinforcement	Line Section		N/A	\$7,177	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_014371105_Capacity	DDOR3099	San Pablo 1104	Line Section		N/A	\$8,103	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_043292104_Capacity	DDOR3100	Pueblo 2104	Line Section		N/A	\$1,531	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024

GNA ID	DDOR ID	Project Name	Project Type	Capital Cost (2022 \$)				Need Year/In Service Date	Grid Need Energy (MWh/yr)	Peak Day Energy (MWh)	Deferral Years	Distribution Service Required	Grid Need (MW/Vpu/MVAR)	Units	DER Installation Year
				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_182661104_Capacity	DDOR3101	San Miguel 1104	Line Section		N/A	\$1,613	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_182661104_Capacity	DDOR3102	San Miguel 1104	Line Section		N/A	\$834	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_042151106_Capacity	DDOR3104	SANTA ROSA A 1102, 1103 & 1106	Line Section		N/A	\$1,469	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_042151103_Capacity	DDOR3104	SANTA ROSA A 1102, 1103 & 1106	Line Section		N/A	\$1,469	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_042151102_Capacity	DDOR3104	SANTA ROSA A 1102, 1103 & 1106	Line Section		N/A	\$1,469	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_103331102_Capacity	DDOR3105	Corning 1102	Line Section		N/A	\$4,094	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_022011101_Capacity	DDOR3106	Mission X-1101	Line Section		N/A	\$6,677	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_022031108_Capacity	DDOR3107	Potrero A1108	Line Section		N/A	\$6,956	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_163481102_Capacity	DDOR3108	Weber 1102	Line Section		N/A	\$3,613	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_022031119_Capacity	DDOR3109	Potrero A1119	Line Section		N/A	\$2,993	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_062462226_Capacity	DDOR3110	Grand Island 2226 & 2227	Line Section		N/A	\$2,502	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_062462226_Capacity	DDOR3111	Peabody 2106	Line Section		N/A	\$5,874	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_252761118_Capacity	DDOR3112	Madera 1118	Line Section		N/A	\$1,371	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_254091105_Capacity	DDOR3113	Dinuba 1105	Line Section		N/A	\$337	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_103331102_Capacity	DDOR1066	CORNING 1102	Line Section		N/A	\$562	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_063171103_Capacity	DDOR3114	Madison 1103	Line Section		N/A	\$2,960	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_182352103_Capacity	DDOR3115	Castroville 2103	Line Section		N/A	\$904	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_042991106_Capacity	DDOR3116	Las Gallinas A 1106	Line Section		N/A	\$745	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_042991105_Capacity	DDOR3116	Las Gallinas A 1106	Line Section		N/A	\$745	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_102171101_Capacity	DDOR3117	Esquon 1101	Line Section		N/A	\$2,460	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_022071101_Capacity	DDOR1160	Potrero (SF A) 1101	Line Section		N/A	\$500	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_022071103_Capacity	DDOR1160	Potrero (SF A) 1101	Line Section		N/A	\$500	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_013761114_Capacity	DDOR3118	Mt Eden 1114	Line Section		N/A	\$61	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_253731105_Voltage	DDOR3119	West Fresno 1105	Line Section		N/A	\$124	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_182201104_Capacity	DDOR3120	Los Ositos 2103	Line Section		N/A	\$7,000	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_182201102_Capacity	DDOR3120	Los Ositos 2103	Line Section		N/A	\$7,000	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_082241103_Capacity	DDOR1125	Los Altos 1103	Line Section		N/A	\$4,173	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_024091102_Capacity	DDOR3121	Glenwood 1102	Line Section		N/A	\$358	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_253151102_Capacity	DDOR3122	Giffen 1102	Line Section		N/A	\$115	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_254601103_Capacity	DDOR3123	Sand Creek 1103	Line Section		N/A	\$3,701	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_082160401_Capacity	DDOR3124	Loyola 401	Line Section		N/A	\$691	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_043501101_Capacity	DDOR3125	Windsor 1101	Line Section		N/A	\$1,131	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_252761114_Capacity	DDOR3126	Madera 1114	Line Section		N/A	\$192	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_024261105_Capacity	DDOR3127	Bair 1105	Line Section		N/A	\$120	N/A	2024	N/A	N/A	9	Capacity	N/A	N/A	2024
GNA_255371106_Reliability	DDOR3128	Oro Loma 1106	Line Section		N/A	\$10	N/A	2024	N/A	N/A	9	Reliability	N/A	N/A	2024
GNA_252451104_Voltage	DDOR1132	EL NIDOS 1104	Line Section		N/A	\$114	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_254611109_Voltage	DDOR3129	Storey 1109	Line Section		N/A	\$33	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_024161104_Reliability	DDOR3130	Redwood City 1104	Line Section		N/A	\$47	N/A	2024	N/A	N/A	9	Reliability	N/A	N/A	2024
GNA_013911101_Capacity	DDOR3131	WILLOW PASS 1101	Line Section		N/A	\$4,521	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_022011107_Capacity	DDOR3132	Mission X1107	Line Section		N/A	\$13,975	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_042711101_Capacity	DDOR3133	Calistoga 1103	Line Section		N/A	\$3,037	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_254121103_Capacity	DDOR3134	McCall 1103	Line Section		N/A	\$2,264	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025

GNA ID	DDOR ID	Project Name	Project Type	Capital Cost (2022 \$)				Need Year/In Service Date	Grid Need Energy (MWh/yr)	Peak Day Energy (MWh)	Deferral Years	Distribution Service Required	Grid Need (MW/Vpu/MVAR)	Units	DER Installation Year
				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_042281105_Capacity	DDOR123	Potter Valley 1105	Line Section		N/A	\$2,376	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_254072112_Capacity	DDOR3135	Stockdale 2112	Line Section		N/A	\$381	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_253651102_Capacity	DDOR3136	Famoso Bank 1	Line Section		N/A	\$2,623	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_252371102_Capacity	DDOR1241	Caruthers 1102	Line Section		N/A	\$5,357	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_042141101_Capacity	DDOR158	Clear Lake 1101	Line Section		N/A	\$2,097	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_182402107_Capacity	DDOR1049	Fort Ord 2107	Line Section		N/A	\$4,680	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_252421105_Capacity	DDOR3137	Dairyland 1105	Line Section		N/A	\$601	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_043351103_Capacity	DDOR1145	Lucerne 1103	Line Section		N/A	\$3,333	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_042871101_Capacity	DDOR1145	Lucerne 1103	Line Section		N/A	\$3,333	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_012091104_Capacity	DDOR264	Oakland J1101 & J1104	Line Section		N/A	\$1,721	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_252861104_Capacity	DDOR3138	Rio Bravo 1104	Line Section		N/A	\$1,001	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_182052105_Capacity	DDOR3139	Soledad 2105	Line Section		N/A	\$9,092	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_253671103_Capacity	DDOR3140	PANOCHÉ 1103	Line Section		N/A	\$12,721	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_022031106_Capacity	DDOR3141	POTRERO (SF A) 1106	Line Section		N/A	\$1,030	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_083332101_Capacity	DDOR1244	Watsonville 2101	Line Section		N/A	\$541	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_254272108_Capacity	DDOR3143	Cassidy 2108	Line Section		N/A	\$2,018	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_254272108_Capacity	DDOR3144	Cassidy 2108	Line Section		N/A	\$981	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_252931102_Capacity	DDOR3145	Tejon 1107 & 1102	Line Section		N/A	\$3,040	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_252931107_Capacity	DDOR3145	Tejon 1107 & 1102	Line Section		N/A	\$3,040	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_043301105_Capacity	DDOR3146	MONROE 2108	Line Section		N/A	\$3,300	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_252901112_Capacity	DDOR3147	SEMITROPIC 1112	Line Section		N/A	\$3,196	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_152901103_Capacity	DDOR184	Marysville 1105	Line Section		N/A	\$2,090	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_254601103_Capacity	DDOR3148	Sand Creek 1103	Line Section		N/A	\$3,827	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_254601103_Capacity	DDOR3149	Sand Creek 1103	Line Section		N/A	\$3,197	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_082160401_Capacity	DDOR3150	Loyola 401	Line Section		N/A	\$825	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_082160401_Capacity	DDOR3151	Loyola 401	Line Section		N/A	\$326	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_253931101_Capacity	DDOR3152	GATES BANK 3	Line Section		N/A	\$9,865	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_253411102_Capacity	DDOR3153	Lakeview 1108	Line Section		N/A	\$3,003	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_083192101_Voltage	DDOR3154	Green Valley 2101	Line Section		N/A	\$4,975	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_254611114_Capacity	DDOR3155	Storey 1114	Line Section		N/A	\$7,889	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_254611113_Capacity	DDOR3156	Storey 1113	Line Section		N/A	\$3,875	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_252041107_Capacity	DDOR1233	Airways 1110	Line Section		N/A	\$8,881	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_254611109_Capacity	DDOR3157	Storey 1103	Line Section		N/A	\$2,291	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_163481117_Capacity	DDOR3158	Weber Bank 7 & Weber 1117	Line Section		N/A	\$5,268	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_182090403_Reliability	DDOR3159	MONTEREY BANK 2	Line Section		N/A	\$7,754	N/A	2025	N/A	N/A	8	Reliability	N/A	N/A	2025
GNA_253422101_Capacity	DDOR3160	Panama 2101	Line Section		N/A	\$4,518	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_163781705_Capacity	DDOR3161	Peoria 1705	Line Section		N/A	\$1,860	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_253481103_Capacity	DDOR3162	Wheeler Ridge 1103	Line Section		N/A	\$2,771	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_254272108_Capacity	DDOR1090	Cassidy 2108	Line Section		N/A	\$1,755	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_013681113_Capacity	DDOR1149	Edes 1113	Line Section		N/A	\$1,940	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_252381106_Capacity	DDOR1048	Coalinga No 2 1106	Line Section		N/A	\$4,639	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_043181104_Capacity	DDOR1168	Bellevue 1104	Line Section		N/A	\$1,344	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025

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				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_252281111_Capacity	DDOR1051	CALIFORNIA AVE 1111	Line Section		N/A	\$1,120	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_252281102_Capacity	DDOR1051	CALIFORNIA AVE 1111	Line Section		N/A	\$1,120	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_103331103_Capacity	DDOR1150	Corning 1103	Line Section		N/A	\$560	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_042251101_Capacity	DDOR3163	HOPLAND 1101	Line Section		N/A	\$3,491	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_012041106_Capacity	DDOR3164	Oakland D 1106	Line Section		N/A	\$3,910	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_254251102_Capacity	DDOR3165	Malaga 1102	Line Section		N/A	\$2,490	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_182492105_Capacity	DDOR3166	Hollister 2105	Line Section		N/A	\$3,216	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_163741103_Capacity	DDOR173	Herdlyn 1103	Line Section		N/A	\$1,543	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_252891114_Capacity	DDOR230	Schindler 1114	Line Section		N/A	\$390	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_252421109_Capacity	DDOR3167	Dairyland 1109	Line Section		N/A	\$2,032	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_255371106_Capacity	DDOR224	Oro Loma 1106	Line Section		N/A	\$1,518	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_163481101_Reliability	DDOR3168	WEBER 1111	Line Section		N/A	\$2,217	N/A	2025	N/A	N/A	8	Reliability	N/A	N/A	2025
GNA_182671112_Reliability	DDOR3169	SANTA MARIA 1112	Line Section		N/A	\$354	N/A	2025	N/A	N/A	8	Reliability	N/A	N/A	2025
GNA_163741103_Capacity	DDOR3170	Herdlyn 1103	Line Section		N/A	\$3,132	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_182601106_Capacity	DDOR3182	Oceano 1106	Line Section		N/A	\$245	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_253481101_Capacity	DDOR3207	Wheeler Ridge 1101	Line Section		N/A	\$20	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_63642114_Capacity	DDOR3209	Peabody Bank 3 & Peabody 2114	Line Section		N/A	\$9,280	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_254582101_Capacity	DDOR3213	7th Standard 2101	Line Section		N/A	\$5,666	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_102601101_Capacity	DDOR3222	Glenn 1101 & Orland B 1102	Line Section		N/A	\$2,780	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_102701102_Capacity	DDOR3222	Glenn 1101 & Orland B 1102	Line Section		N/A	\$2,780	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_042151105_Capacity	DDOR3237	Santa Rosa A 1105	Line Section		N/A	\$768	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_102601101_Voltage	DDOR1128	Glenn 1101	Line Section		N/A	\$150	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_013652113_Capacity	DDOR1170	Contra Costa 2113	Line Section		N/A	\$183	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_182561101_Voltage	DDOR3499	Cholame 1101	Line Section		N/A	\$3,479	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_182941102_Voltage	DDOR3507	Otter 1102	Line Section		N/A	\$10,754	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_63591110_Voltage	DDOR3509	Vaca Dixon 1110	Line Section		N/A	\$10,458	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_254582105_Capacity	DDOR3554	7th Standard 2105	Line Section		N/A	\$4,428	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_254582106_Capacity	DDOR3555	7th Standard 2106	Line Section		N/A	\$6,378	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_014722103_Capacity	DDOR3579	Dixon Landing 2103	Line Section		N/A	\$1,111	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_163481118_Voltage	DDOR3582	Weber 1118	Line Section		N/A	\$3,232	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_042821102_Capacity	DDOR3583	Cloverdale 1102	Line Section		N/A	\$478	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_252161107_Capacity	DDOR3585	Coalinga No 1 1105	Line Section		N/A	\$4,000	N/A	2025	N/A	N/A	8	Capacity	N/A	N/A	2025
GNA_182401101_Reliability	DDOR3587	Ford Ord 1101	Line Section		N/A	\$1,185	N/A	2025	N/A	N/A	8	Reliability	N/A	N/A	2025
GNA_162991101_Reliability	DDOR3067	Corral 1101	Line Section		N/A	\$900	N/A	2024	N/A	N/A	9	Reliability	N/A	N/A	2024
GNA_163781705_Reliability	DDOR3161	Peoria 1705	Line Section		N/A	\$1,860	N/A	2025	N/A	N/A	8	Reliability	N/A	N/A	2025
GNA_192221102_Voltage	DDOR3058	Garberville 1101 & 1102	Line Section		N/A	\$1,385	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_252821103_Voltage	DDOR3062	Old River 1105	Line Section		N/A	\$135	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_252801114_Voltage	DDOR3063	Merced 1114	Line Section		N/A	\$286	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_253151102_Voltage	DDOR3064	Giffen 1102	Line Section		N/A	\$1,630	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_192171101_Voltage	DDOR3066	Willow Creek 1101	Line Section		N/A	\$820	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_043501102_Voltage	DDOR1273	Windsor 1102	Line Section		N/A	\$1,733	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_082160401_Voltage	DDOR3076	Loyola Bank 1	Line Section		N/A	\$4,544	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024

GNA ID	DDOR ID	Project Name	Project Type	Capital Cost (2022 \$)				Need Year/In Service Date	Grid Need Energy (MWh/yr)	Peak Day Energy (MWh)	Deferral Years	Distribution Service Required	Grid Need (MW/Vpu/MVAR)	Units	DER Installation Year
				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_024080402_Voltage	DDOR3077	Emerald Lake 402	Line Section		N/A	\$150	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_253441103_Voltage	DDOR3087	Califax Bank 2	Line Section		N/A	\$2,466	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_253441103_Voltage	DDOR3091	Califax Bank 2	Line Section		N/A	\$6,982	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_182661104_Voltage	DDOR3101	San Miguel 1104	Line Section		N/A	\$1,613	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_182661104_Voltage	DDOR3102	San Miguel 1104	Line Section		N/A	\$834	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_103331102_Voltage	DDOR3105	Corning 1102	Line Section		N/A	\$4,094	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_163481102_Voltage	DDOR3108	Weber 1102	Line Section		N/A	\$3,613	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_062462226_Voltage	DDOR3110	Grand Island 2226 & 2227	Line Section		N/A	\$2,502	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_062462226_Voltage	DDOR3111	Peabody 2106	Line Section		N/A	\$5,874	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_103331102_Voltage	DDOR1066	CORNING 1102	Line Section		N/A	\$562	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_063171103_Voltage	DDOR3114	Madison 1103	Line Section		N/A	\$2,960	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_102171101_Voltage	DDOR3117	Esquon 1101	Line Section		N/A	\$2,460	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_082241103_Voltage	DDOR1125	Los Altos 1103	Line Section		N/A	\$4,173	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_254601103_Voltage	DDOR3123	Sand Creek 1103	Line Section		N/A	\$3,701	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_082160401_Voltage	DDOR3124	Loyola 401	Line Section		N/A	\$691	N/A	2024	N/A	N/A	9	Voltage	N/A	N/A	2024
GNA_042281105_Voltage	DDOR123	Potter Valley 1105	Line Section		N/A	\$2,376	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_252371102_Voltage	DDOR1241	Caruthers 1102	Line Section		N/A	\$5,357	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_042141101_Voltage	DDOR158	Clear Lake 1101	Line Section		N/A	\$2,097	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_083332101_Voltage	DDOR1244	Watsonville 2101	Line Section		N/A	\$541	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_252901112_Voltage	DDOR3147	Semitropic 1112	Line Section		N/A	\$3,196	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_254601103_Voltage	DDOR3148	Sand Creek 1103	Line Section		N/A	\$3,827	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_254601103_Voltage	DDOR3149	Sand Creek 1103	Line Section		N/A	\$3,197	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_082160401_Voltage	DDOR3150	Loyola 401	Line Section		N/A	\$825	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_082160401_Voltage	DDOR3151	Loyola 401	Line Section		N/A	\$326	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_252381106_Voltage	DDOR1048	Coalinga No 2 1106	Line Section		N/A	\$4,639	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_182492105_Voltage	DDOR3166	Hollister 2105	Line Section		N/A	\$3,216	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025
GNA_255371106_Voltage	DDOR224	Oro Loma 1106	Line Section		N/A	\$1,518	N/A	2025	N/A	N/A	8	Voltage	N/A	N/A	2025

Worksheet/Tab	Purpose
General Input	Data includes equipment revenue requirement multipliers and O&M costs as a percentage of direct costs. Generic discount rate and default inflation rate information. 2023 updates include 1.43% property tax factor, 6.697 Discount Factor (2023 Cost of Capital Decision)
LNBA Results-PlannedInvestments	Results of the LNBA values are presented here. For example: Value of Deferral Benefits (\$000s) in Install Year (Capital Benefit in Install Year, O&M Deferral Benefit in Install Year) and Load Forecast year. Normalized Deferral Benefit (\$/kW*yr)
Project Specific Inputs	Utility Inputs: Project specific information such as cost and need for projects .

PG&E 2023 Distribution Deferral Opportunity Report (DDOR)

Appendix J.2: LNBA - Planned Solutions - Line Sections - General Inputs

Version Date: 11/30/2023

Public

First load forecast year

After Tax Weighted Cost of Capital (ATWACC)

Cost Year Basis*

End of Deferral year

8/1/2023

6.69%

8/1/2023

7/31/2033

10 year added to first load forecast year

Input

Reference value

Calculated

Input	2023 Cost			
	General	Substation Bank	Primary Feeder	Poles and towers
Revenue Requirement Multiplier (Fixed Costs)	145.25%	144.14%	146.36%	149.93%
Revenue Requirement Multiplier With O&M	243.93%	184.86%	302.99%	304.30%
Equipment Inflation	2.50%	2.50%	2.50%	2.50%
O&M Inflation	2.50%	2.50%	2.50%	2.50%
O&M Factor	5.15%	2.13%	8.18%	8.18%
O&M Old Eqpt	0.00%	0.00%	0.00%	0.00%
Book Life	46	46	46	44
RECC	0.04667	0.04667	0.04667	0.0474
Discount rate net of project inflation (5/yr)	4.09%	4.09%	4.09%	4.09%

(*) 2023 updates include 1.43% property tax factor, 6.69% Discount Factor (2023 Cost of Capital Decision). Multipliers continue to use May 1, 2023 depreciation rates and O&M factors from 2022 tool.

**For projects with hybrid (Bank and Feeder) needs use the General during detailed analysis

2023 Multiplier Details									
	2023	Rate	Ratio	WACC	TR	ATWACC		Station Equipment	OH Conductors & Devices
Bond Interest		4.31	0.48	2.07		1.49	SalVal	-40	-90
Equity		10.00	0.52	5.20		5.20	ServLife	46	46
Adopted				7.27	0.2798	6.69	PVRR (Fixed) (%)	144.14	146.36
							PVRR W/O&M (%)	184.86	302.99
							O&M factor	2.13%	8.18%

Description	PVRR	PVRR	PVRR
Return on Investment	53.0945%	53.09%	53.53%
Book Depreciation	52.64%	54.87%	58.00%
Federal and State Income Taxes	14.18%	14.18%	14.25%
Property Tax	14.26%	14.26%	14.26%
Insurance	9.9645%	9.96%	9.90%
Subtotal of Fixed Charges	144.14%	146.36%	149.93%
M&O	40.72%	156.63%	154.37%
Total	184.86%	302.99%	304.30%

GNA ID	DDOR ID	Project Name	Project Type	New or Existing Equipment	Project Cost (\$k)	Revenue Requirement Multiplier	Discount Rate (%/yr)	Equipment Inflation	O&M Inflation	Book Life (Year)	DER Install Year	Cost year basis	Analysis Year	Years (10-Year Period)	Real Economic Carrying Cost (RECC)	Discount rate net or project inflation (5/yr)	Revenue Requirement (RR) Install Yr \$'s	RR * RECC	Value of Deferral Benefits (\$000s) in Install Year (Capital + O&M)	Value of Deferral Benefit (\$000s) in 2023	Grid Need (MW/Vpu/M VAR)	Units	Sum of Grid Need per Project (MW/Vpu/MVAR)	Units	Number of Needs solved by project	Estimated LNBA Value (\$/kW-yr)	Estimated LNBA Value (\$/Vpu-yr)
GNA_022031115_Capacity	DDOR3000	Mission X-1129	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_014592104_Reliability	DDOR3001	Brentwood 2104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_014592112_Reliability	DDOR3001	Brentwood 2104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042251101_Capacity	DDOR3002	Hopland 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_022571109_Capacity	DDOR3003	East Grand 1116 & 1117	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163481110_Capacity	DDOR1226	Weber 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152461101_Reliability	DDOR3006	Placer Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192251101_Capacity	DDOR3007	Rio Dell 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_062721101_Reliability	DDOR3008	Knights Landing 1101 & 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_062721102_Reliability	DDOR3008	Knights Landing 1101 & 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153781105_Capacity	DDOR3009	Bogue 1108	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153781102_Capacity	DDOR3009	Bogue 1108	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153781103_Capacity	DDOR3009	Bogue 1108	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_063811101_Capacity	DDOR3010	Dunningan 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_063811101_Capacity	DDOR3010	Dunningan 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_063811101_Capacity	DDOR3010	Dunningan 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_063811101_Capacity	DDOR3010	Dunningan 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182201104_Capacity	DDOR3014	Spence 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182201102_Capacity	DDOR3014	Spence 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_083802118_Capacity	DDOR3015	Trimble 2118	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_082921107_Capacity	DDOR3016	El Patio 1101 and El Patio 1111	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_255391101_Capacity	DDOR3017	Bonita 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_255391103_Capacity	DDOR3018	Bonita 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192151131_Capacity	DDOR1227	Newburg 1131	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254121103_Capacity	DDOR3019	McCall 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254582102_Capacity	DDOR1272	7th Standard 2102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_013590401_Voltage	DDOR3020	Geary 401	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_102931101_Voltage	DDOR3021	Cottonwood 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_062462226_Capacity	DDOR3022	Grand Island 2226 & 2227	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_013532225_Capacity	DDOR3023	Contra Costa 2105	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192151131_Capacity	DDOR1227	Newburg 1131	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182402107_Capacity	DDOR3025	Fort Ord 2107	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_022011113_Capacity	DDOR3026	Mission (X) 1113	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253881102_Capacity	DDOR3027	El Capitan 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182671111_Capacity	DDOR3028	Santa Maria 1111	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153761102_Capacity	DDOR3029	Cattlett 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182201102_Capacity	DDOR3014	Spence 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253401104_Capacity	DDOR1134	Panoche 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253491114_Capacity	DDOR3031	Lerdo 1114	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_063171103_Capacity	DDOR1140	Zamora 1107	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_103391102_Capacity	DDOR1229	Gerber 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182052102_Capacity	DDOR3032	Soledad 2102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182671111_Capacity	DDOR3028	Santa Maria 1111	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182671111_Capacity	DDOR3028	Santa Maria 1111	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252901108_Capacity	DDOR3034	Semitropic 1108	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_083892106_Capacity	DDOR1076	Montague 2106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192151131_Capacity	DDOR1227	Newburg 1131	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182631104_Reliability	DDOR3036	SAN LUIS OBISPO 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252951106_Capacity	DDOR3037	Tulare Lake 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_043141102_Capacity	DDOR1264	Middletown 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253801101_Capacity	DDOR3038	Arvin 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252351114_Capacity	DDOR3039	Sanger 1114	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A								

GNA ID	DDOR ID	Project Name	Project Type	New or Existing Equipment	Project Cost (\$k)	Revenue Requirement Multiplier	Discount Rate (%/yr)	Equipment Inflation	O&M Inflation	Book Life (Year)	DER Install Year	Cost year basis	Analysis Year	Years (10-Year Period)	Real Economic Carrying Cost (RECC)	Discount rate net or project inflation (5/yr)	Revenue Requirement (RR) Install Yr \$'s	RR * RECC	Value of Deferral Benefits (\$000s) in Install Year (Capital + O&M)	Value of Deferral Benefit (\$000s) in 2023	Grid Need (MW/Vpu/M VAR)	Units	Sum of Grid Need per Project (MW/Vpu/MVAR)	Units	Number of Needs solved by project	Estimated LNBA Value (\$/kW-yr)	Estimated LNBA Value (\$/Vpu-yr)
GNA_252421113_Voltage	DDOR3050	Dairyland 1113	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253551104_Capacity	DDOR3051	Smryna 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254461109_Capacity	DDOR3052	Mendola 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_255451102_Reliability	DDOR3053	Cal Water 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_022571106_Capacity	DDOR3054	East Grand 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_083252104_Reliability	DDOR3055	Paul Sweet 2104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253371118_Voltage	DDOR3056	Bakersfield Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252901101_Capacity	DDOR3171	Semitropic 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252901103_Capacity	DDOR3172	Semitropic 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_255361106_Capacity	DDOR3173	Le Grand 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042151108_Capacity	DDOR3174	Santa Rosa A 1108	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_255451102_Capacity	DDOR3175	Cal Water 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182541101_Voltage	DDOR3176	Atascadero 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_014351109_Reliability	DDOR3177	Fremont 1109	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_024060401_Voltage	DDOR3178	Carolands 401	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192221102_Capacity	DDOR1120	Garberville 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_24251106_Capacity	DDOR3180	Woodside 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163081101_Capacity	DDOR3181	Rough and Ready 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_162701706_Capacity	DDOR3183	Vierra 1706	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_162421101_Capacity	DDOR3184	Slagg 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163211102_Capacity	DDOR3185	Mormon 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042271103_Capacity	DDOR3186	Cotati 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163351704_Reliability	DDOR3187	Curtis 1704	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182671110_Voltage	DDOR3188	Santa Maria 1110	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153612103_Voltage	DDOR1180	Clarksville 2103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182661104_Voltage	DDOR1266	San Miguel 1107 & 2106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252361106_Capacity	DDOR3189	San Joaquin Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_1636801_Reliability	DDOR3190	Lockeford Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254401102_Capacity	DDOR3191	Twiselman 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252311103_Capacity	DDOR3192	Mendola 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_014652107_Capacity	DDOR3193	Tidewater 2107	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252771108_Capacity	DDOR3194	Magunden 1108	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254541104_Capacity	DDOR3195	Ganso 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252891105_Capacity	DDOR1265	Schindler 1105	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254611108_Capacity	DDOR3196	Storey 1108	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_162081102_Capacity	DDOR3197	New Hope 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_014452105_Capacity	DDOR1131	Contra Costa 2114	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_014381102_Capacity	DDOR3198	Grant 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_010222217_Capacity	DDOR3199	Clayton 2217	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_083392110_Voltage	DDOR3200	Swift 2110	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252611103_Voltage	DDOR3201	Midway 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254081102_Voltage	DDOR3202	Clovis 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_102851101_Voltage	DDOR1217	Jacinto 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_063801105_Capacity	DDOR3203	Jameson 1105	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153781102_Voltage	DDOR3204	Bogue Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153781103_Voltage	DDOR3204	Bogue Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153781104_Voltage	DDOR3204	Bogue Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_1537801_Voltage	DDOR3204	Bogue Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153781105_Voltage	DDOR3205	Bogue Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153781106_Voltage	DDOR3205	Bogue Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153781107_Voltage	DDOR3205	Bogue Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_1537802_Voltage	DDOR3205	Bogue Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163571701_Voltage	DDOR3206																										

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PG&E 2022 Distribution Deferral Opportunity Report (DDOR)

Appendix J.2: LNBA - Planned Solutions - Line Sections - LNBA Results - Project Specific Inputs

Version Date: 11/30/2023

Public

GNA ID	DDOR ID	Project Name	Project Type	New or Existing Equipment	Project Cost (\$k)	Revenue Requirement Multiplier	Discount Rate (%/yr)	Equipment Inflation	O&M Inflation	Book Life (Year)	DER Install Year	Cost year basis	Analysis Year	Years (10-Year Period)	Real Economic Carrying Cost (RECC)	Discount rate net or project inflation (5/yr)	Revenue Requirement (RR) Install Yr \$'s	RR * RECC	Value of Deferral Benefits (\$000s) in Install Year (Capital + O&M)	Value of Deferral Benefit (\$000s) in 2023	Grid Need (MW/Vpu/M VAR)	Units	Sum of Grid Need per Project (MW/Vpu/MVAR)	Units	Number of Needs solved by project	Estimated LNBA Value (\$/kW-yr)	Estimated LNBA Value (\$/Vpu-yr)
GNA_024040403_Voltage	DDOR3320	Beresford 403	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_252421112_Voltage	DDOR3321	Dairyland 1112	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_183041101_Voltage	DDOR1113	Buellton 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_162741106_Voltage	DDOR3322	Newman 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_163081102_Voltage	DDOR3323	Rough and Ready 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_062051102_Voltage	DDOR3324	Honcut 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_255121103_Voltage	DDOR3325	Borden 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_043071103_Voltage	DDOR3326	Dunbar 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_103611101_Voltage	DDOR3327	Wildwood 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_253142102_Voltage	DDOR3328	Cuyama 2102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_182381104_Voltage	DDOR3329	Castroville 2103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_182352103_Voltage	DDOR3329	Castroville 2103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_103331103_Voltage	DDOR3330	Corning 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_183101104_Voltage	DDOR1146	Cabriollo 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_102171102_Voltage	DDOR3331	Esquon 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_152691109_Voltage	DDOR1163	Higgins 1109	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_163191713_Voltage	DDOR3332	Riverbank 1713	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_253881103_Voltage	DDOR3333	El Capitan 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_042251101_Voltage	DDOR1148	Hopland 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_163682102_Voltage	DDOR3334	Lockeford 2102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_162300403_Voltage	DDOR3335	Monarch 403	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_014091102_Voltage	DDOR3336	Castro Valley 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_153662102_Voltage	DDOR3337	Apple Hill 2102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_162071103_Voltage	DDOR3338	Linden 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_163541102_Voltage	DDOR3339	Oleta 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_082250410_Voltage	DDOR1246	San Jose B 410	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_102171101_Voltage	DDOR3340	Esquon 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_162071104_Voltage	DDOR3341	Linden 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_255361104_Voltage	DDOR3342	Le Grand 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_043321101_Voltage	DDOR3343	Rincon 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_163251101_Voltage	DDOR3344	Crows Landing 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_253411103_Voltage	DDOR3345	Lakeview 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_162741106_Voltage	DDOR3322	Newman 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_102701103_Voltage	DDOR3347	Orland B 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_182151101_Voltage	DDOR1162	Los Ositos 2103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_182082103_Voltage	DDOR1162	Los Ositos 2103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_163131102_Reliability	DDOR3349	East Stockton 402	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_162701706_Reliability	DDOR3350	French Camp 1102 & Vierra 1706	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_163291102_Reliability	DDOR3350	French Camp 1102 & Vierra 1706	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_022031118_Reliability	DDOR3351	Potrero A1118	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_153761105_Reliability	DDOR3352	Cattlett 1105	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_252241116_Reliability	DDOR3353	Kingsburg 1116	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_012541107_Reliability	DDOR3354	Oakland X 1107	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_014452103_Reliability	DDOR3355	Kirker 2103 & 2108	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_253371105_Voltage	DDOR3356	Bakersfield Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_254582102_Voltage	DDOR3357	7th Standard Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_253372104_Voltage	DDOR3358	Bakersfield Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_102911110_Voltage	DDOR3359	Wyndotte Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_102911103_Voltage	DDOR3360	Wyndotte Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_254552112_Voltage	DDOR3361	Figarden Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_253611102_Voltage	DDOR3362	Atwater Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_255361104_Voltage	DDOR3342	Le Grand 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_254301103_Voltage	DDOR3364	Wilson Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_254301101_Voltage	DDOR3364	Wilson Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GNA_																											

GNA ID	DDOR ID	Project Name	Project Type	New or Existing Equipment	Project Cost (\$k)	Revenue Requirement Multiplier	Discount Rate (%/yr)	Equipment Inflation	O&M Inflation	Book Life (Year)	DER Install Year	Cost year basis	Analysis Year	Years (10-Year Period)	Real Economic Carrying Cost (RECC)	Discount rate net or project inflation (5/yr)	Revenue Requirement (RR) Install Yr \$'s	RR * RECC	Value of Deferral Benefits (\$000s) in Install Year (Capital + O&M)	Value of Deferral Benefit (\$000s) in 2023	Grid Need (MW/Vpu/M VAR)	Units	Sum of Grid Need per Project (MW/Vpu/MVAR)	Units	Number of Needs solved by project	Estimated LNBA Value (\$/kW-yr)	Estimated LNBA Value (\$/Vpu-yr)
GNA_254552108_Voltage	DDOR3370	Figarden Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254552109_Voltage	DDOR3370	Figarden Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153701101_Voltage	DDOR3371	Lincoln Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153701102_Voltage	DDOR3372	Lincoln Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_1524403_Voltage	DDOR3373	Grove Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_1524401_Voltage	DDOR3374	Grove Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_1524402_Voltage	DDOR3375	Grove Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_013532227_Voltage	DDOR3376	Lakewood Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_013532107_Voltage	DDOR3377	Lakewood Bank 4	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_013532109_Voltage	DDOR3377	Lakewood Bank 4	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253571101_Voltage	DDOR3378	Barton Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253571102_Voltage	DDOR3379	Barton Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253961105_Voltage	DDOR3380	Bullard Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253961101_Voltage	DDOR3381	Bullard Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253921102_Voltage	DDOR3382	Manchester Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253921109_Voltage	DDOR3383	Manchester Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252041101_Voltage	DDOR3384	Airways Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252351108_Voltage	DDOR3385	Sanger Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252281110_Voltage	DDOR3386	California Ave Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252281106_Voltage	DDOR3387	California Ave Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253731101_Voltage	DDOR3388	West Fresno Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253731105_Voltage	DDOR3389	West Fresno Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253961101_Voltage	DDOR3381	Bullard Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_063131109_Voltage	DDOR3391	West Sacramento Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_063131110_Voltage	DDOR3391	West Sacramento Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_063131111_Voltage	DDOR3391	West Sacramento Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152011106_Voltage	DDOR3392	Marysville Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152011107_Voltage	DDOR3392	Marysville Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152011108_Voltage	DDOR3392	Marysville Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_1520101_Voltage	DDOR3392	Marysville Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152901103_Voltage	DDOR3393	Olivehurst Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152901104_Voltage	DDOR3393	Olivehurst Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152901105_Voltage	DDOR3393	Olivehurst Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_1529002_Voltage	DDOR3393	Olivehurst Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153751103_Voltage	DDOR3394	Pease Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_1537503_Voltage	DDOR3394	Pease Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153751104_Voltage	DDOR3394	Pease Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_043501101_Voltage	DDOR3395	Windsor 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_162821701_Voltage	DDOR3396	Stanislaus 1701	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252711106_Voltage	DDOR3397	Kerman 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252241111_Voltage	DDOR3398	Kingsburg 1111	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252951106_Voltage	DDOR3399	Tulare Lake 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163211101_Voltage	DDOR3400	Mormon 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252421113_Voltage	DDOR3050	Dairyland 1113	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252811102_Voltage	DDOR3402	Merced Falls 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_162111102_Voltage	DDOR3403	Lodi 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253611102_Voltage	DDOR3362	Atwater Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253611102_Voltage	DDOR3362	Atwater Bank 2	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254702104_Voltage	DDOR3406	Cressey 2104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252681106_Voltage	DDOR3407	Henrietta 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253931106_Voltage	DDOR3408	Gates 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252661101_Voltage	DDOR3409	Guernsey 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254101104_Voltage	DDOR3365	Chowchilla Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A</													

PG&E 2022 Distribution Deferral Opportunity Report (DDOR)

Appendix J.2: LNBA - Planned Solutions - Line Sections - LNBA Results - Project Specific Inputs

Version Date: 11/30/2023

Public

GNA ID	DDOR ID	Project Name	Project Type	New or Existing Equipment	Project Cost (\$k)	Revenue Requirement Multiplier	Discount Rate (%/yr)	Equipment Inflation	O&M Inflation	Book Life (Year)	DER Install Year	Cost year basis	Analysis Year	Years (10-Year Period)	Real Economic Carrying Cost (RECC)	Discount rate net or project inflation (5/yr)	Revenue Requirement (RR) Install Yr \$'s	RR * RECC	Value of Deferral Benefits (\$000s) in Install Year (Capital + O&M)	Value of Deferral Benefit (\$000s) in 2023	Grid Need (MW/Vpu/M VAR)	Units	Sum of Grid Need per Project (MW/Vpu/MVAR)	Units	Number of Needs solved by project	Estimated LNBA Value (\$/kW-yr)	Estimated LNBA Value (\$/Vpu-yr)
GNA_254101101_Capacity	DDOR3420	Chowchilla 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253731101_Capacity	DDOR3421	West Fresno 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254761101_Reliability	DDOR3422	Rosedale 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252421102_Capacity	DDOR3423	Dairyland 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_014592112_Reliability	DDOR3001	Brentwood 2104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_014321101_Reliability	DDOR3424	Balfour 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252731101_Capacity	DDOR1189	Kettleman 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254402105_Voltage	DDOR1177	Twissleman 2105	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182222104_Reliability	DDOR3425	Del Monte 2104 & Reservation Road	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253601102_Capacity	DDOR3426	Lemoore 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253601104_Voltage	DDOR3427	Lemoore 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252301104_Capacity	DDOR1252	Camden 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253601101_Capacity	DDOR3428	Lemoore 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253601106_Capacity	DDOR1190	Lemoore 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252351108_Capacity	DDOR1258	Sanger 1108	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254441105_Capacity	DDOR3429	Rainbow 1105	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254561104_Capacity	DDOR3430	Tupman 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_014381103_Capacity	DDOR3431	Grant 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_014381102_Capacity	DDOR3198	Grant 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152282101_Capacity	DDOR1194	Mountain Quarries 2101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152582106_Capacity	DDOR1169	Del Mar 2106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042561102_Voltage	DDOR3434	Fulton 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042141101_Capacity	DDOR3435	Clearlake 1101 & 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152271102_Voltage	DDOR3436	Wise 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152241102_Voltage	DDOR3437	Halsey 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152461102_Voltage	DDOR3438	Placer 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_102211103_Voltage	DDOR1178	Bucks Creek 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182811102_Voltage	DDOR3439	Siquoc 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_183041102_Capacity	DDOR3440	Buellton 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_083192103_Voltage	DDOR3441	Green Valley 2103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182031105_Capacity	DDOR1115	Oilfields 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182071101_Capacity	DDOR1116	Salinas 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182031106_Reliability	DDOR3442	King City 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182261106_Capacity	DDOR3443	Salinas 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182731102_Voltage	DDOR3444	Reservation Road 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192151132_Capacity	DDOR3445	Camp Evers 2108	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153612109_Capacity	DDOR1181	Live Oak 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_102931103_Capacity	DDOR1255	Coming 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153662102_Voltage	DDOR3337	Apple Hill 2102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153662102_Capacity	DDOR3447	Apple Hill 2102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153661104_Voltage	DDOR3448	Apple Hill 2101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152762101_Voltage	DDOR3449	El Dorado PH 2101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_102851101_Voltage	DDOR1217	Jacinto 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_103142102_Voltage	DDOR3451	Logan Creek 2101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_102851102_Voltage	DDOR3452	Jacinto 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152691109_Voltage	DDOR1163	Higgins 1109	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152481106_Capacity	DDOR1164	Brunswick 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152151102_Capacity	DDOR1174	East Nicolaus 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_152151103_Voltage	DDOR1175	East Nicolaus 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_103211102_Voltage	DDOR3316	Honcut 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_102601101_Capacity	DDOR1225	Glenn 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_102111102_Capacity	DDOR1198	Capay 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_102701103_Capacity	DDOR1197	Orland B 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A																

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GNA ID	DDOR ID	Project Name	Project Type	New or Existing Equipment	Project Cost (\$k)	Revenue Requirement Multiplier	Discount Rate (%/yr)	Equipment Inflation	O&M Inflation	Book Life (Year)	DER Install Year	Cost year basis	Analysis Year	Years (10-Year Period)	Real Economic Carrying Cost (RECC)	Discount rate net or project inflation (5/yr)	Revenue Requirement (RR) Install Yr \$'s	RR * RECC	Value of Deferral Benefits (\$000s) in Install Year (Capital + O&M)	Value of Deferral Benefit (\$000s) in 2023	Grid Need (MW/Vpu/MVAR)	Units	Sum of Grid Need per Project (MW/Vpu/MVAR)	Units	Number of Needs solved by project	Estimated LNBA Value (\$/kW-yr)	Estimated LNBA Value (\$/Vpu-yr)
GNA_182541101_Reliability	DDOR3046	Templeton 2111	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_022571106_Reliability	DDOR3054	East Grand 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_042091101_Reliability	DDOR3224	Mirabel 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182541102_Reliability	DDOR3232	Atascadero 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_014452106_Reliability	DDOR3241	Willow Pass Bank 3	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_012091116_Reliability	DDOR3250	Oakland J 1116	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254061103_Reliability	DDOR3261	Dunlap 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252772108_Reliability	DDOR3279	Magunden 2108	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163481110_Voltage	DDOR1226	Weber 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254582102_Voltage	DDOR3357	7th Standard Bank 1	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_062462226_Voltage	DDOR3022	Grand Island 2226 & 2227	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192151131_Voltage	DDOR3024	Newburg 1131	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253881102_Voltage	DDOR3027	El Capitan 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182671111_Voltage	DDOR3028	Santa Maria 1111	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_153761102_Voltage	DDOR3029	Cattlett 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182201102_Voltage	DDOR3030	Spence 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253401104_Voltage	DDOR1134	Panoche 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253491114_Voltage	DDOR3031	Lerdo 1114	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_063171103_Voltage	DDOR1140	Zamora 1107	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_103391102_Voltage	DDOR1229	Gerber 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182671111_Voltage	DDOR3028	Santa Maria 1111	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182671111_Voltage	DDOR3028	Santa Maria 1111	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192151131_Voltage	DDOR3024	Newburg 1131	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254501102_Voltage	DDOR3467	Lamont 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254461109_Voltage	DDOR3052	Mendota 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_192221102_Voltage	DDOR1120	Garberville 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_254541104_Voltage	DDOR3195	Ganso 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252891105_Voltage	DDOR1265	Schindler 1105	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252861106_Voltage	DDOR3225	Rio Bravo 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_103142102_Voltage	DDOR3451	Logan Creek 2101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253551106_Voltage	DDOR3227	Smyrna 1106	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_024060404_Voltage	DDOR3234	Carolands 404	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182011104_Voltage	DDOR3235	Salinas 1104	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_024130403_Voltage	DDOR3246	Menlo 403	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182821101_Voltage	DDOR1152	Mesa 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182541103_Voltage	DDOR3495	Atascadero 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253931102_Voltage	DDOR1156	Gates 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_253491113_Voltage	DDOR3294	Lerdo 1113	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_183052109_Voltage	DDOR3044	Templeton 2109	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_252552103_Voltage	DDOR3418	Temblor 2103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182071101_Voltage	DDOR1116	Camphora 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182541101_Reliability	DDOR3046	Templeton 2111	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_083392110_Reliability	DDOR3200	Swift 2110	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182391103_Reliability	DDOR1114	Oilfields 1103	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182201104_Voltage	DDOR3014	Spence 1101	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_182201102_Voltage	DDOR3030	Spence 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GNA_163091102_Voltage	DDOR3252	Carbona 1102	Line Section	N/A	N/A	N/A	6.69%	2.50%	2.50%	46	N/A	8/1/2023	8/1/2023	N/A	0.04667	4.09%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

GNA ID	DDOR ID	Project Name	Project Type	Capital Cost (2022 \$)				Need Year/In Service Date	Grid Need Energy (MWh/yr)	Peak Day Energy (MWh)	Deferral Years	Distribution Service Required	Grid Need (MW/Vpu/MVAR)	Units	DER Installation Year
				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_022031115_Capacity	DDOR3000	Mission X-1129	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_014592104_Reliability	DDOR3001	Brentwood 2104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_014592112_Reliability	DDOR3001	Brentwood 2104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_042251101_Capacity	DDOR3002	Hopland 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_022571109_Capacity	DDOR3003	East Grand 1116 & 1117	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_163481110_Capacity	DDOR1226	Weber 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_152461101_Reliability	DDOR3006	Placer Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_192251101_Capacity	DDOR3007	Rio Dell 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_062721101_Reliability	DDOR3008	Knights Landing 1101 & 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_062721102_Reliability	DDOR3008	Knights Landing 1101 & 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_153781105_Capacity	DDOR3009	Bogue 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_153781102_Capacity	DDOR3009	Bogue 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_153781103_Capacity	DDOR3009	Bogue 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_063811101_Capacity	DDOR3010	Dunningan 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_063811101_Capacity	DDOR3011	Dunningan 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_063811101_Capacity	DDOR3012	Dunningan 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_063811101_Capacity	DDOR3013	Grand Island 2226 & 2227	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182201104_Capacity	DDOR3014	Spence 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182201102_Capacity	DDOR3014	Spence 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_083802118_Capacity	DDOR3015	Trimble 2118	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_082921107_Capacity	DDOR3016	El Patio 1101 and El Patio 1111	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_255391101_Capacity	DDOR3017	Bonita 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_255391103_Capacity	DDOR3018	Bonita 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_192151131_Capacity	DDOR1227	Newburg 1131	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254121103_Capacity	DDOR3019	McCall 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254582102_Capacity	DDOR1272	7th Standard 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_013590401_Voltage	DDOR3020	Geary 401	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_102931101_Voltage	DDOR3021	Cottonwood 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_062462226_Capacity	DDOR3022	Grand Island 2226 & 2227	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_013532225_Capacity	DDOR3023	Contra Costa 2105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_192151131_Capacity	DDOR3024	Newburg 1131	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182402107_Capacity	DDOR3025	Fort Ord 2107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_022011113_Capacity	DDOR3026	Mission (X) 1113	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253881102_Capacity	DDOR3027	El Capitan 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182671111_Capacity	DDOR3028	Santa Maria 1111	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_153761102_Capacity	DDOR3029	Catlett 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182201102_Capacity	DDOR3030	Spence 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253401104_Capacity	DDOR1134	Panoche 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253491114_Capacity	DDOR3031	Lerdo 1114	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_063171103_Capacity	DDOR1140	Zamora 1107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_103391102_Capacity	DDOR1229	Gerber 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182052102_Capacity	DDOR3032	Soledad 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A

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				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_182671111_Capacity	DDOR267	Santa Maria 1111	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182671111_Capacity	DDOR3033	Santa Maria 1111	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252901108_Capacity	DDOR3034	Semitropic 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_083892106_Capacity	DDOR1076	Montague 2106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_192151131_Capacity	DDOR3035	Newburg 1131	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182631104_Reliability	DDOR3036	SAN LUIS OBISPO 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_252951106_Capacity	DDOR3037	Tulare Lake 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_043141102_Capacity	DDOR1264	Middletown 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253801101_Capacity	DDOR3038	Arvin 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252351114_Capacity	DDOR3039	Sanger 1114	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_042151107_Capacity	DDOR3040	Santa Rosa 1107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_153771104_Capacity	DDOR3041	Live Oak 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254762102_Reliability	DDOR3042	Lamont 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_024060403_Voltage	DDOR3043	Carolands 403	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_183052109_Voltage	DDOR3044	Templeton 2109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254501102_Capacity	DDOR3045	Charca 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182541101_Capacity	DDOR3046	Templeton 2111	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254311106_Capacity	DDOR3047	Ortiga 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_012501104_Voltage	DDOR3048	El Cerrito G 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252461103_Capacity	DDOR3049	Famoso 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_012200404_Voltage	DDOR1111	Walnut Creek 404	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252421113_Voltage	DDOR3050	Dairyland 1113	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253551104_Capacity	DDOR3051	Smyrna 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254461109_Capacity	DDOR3052	Mendota 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_255451102_Reliability	DDOR3053	Cal Water 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_022571106_Capacity	DDOR3054	East Grand 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_083252104_Reliability	DDOR3055	Paul Sweet 2104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_253371118_Voltage	DDOR3056	Bakersfield Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252901101_Capacity	DDOR3171	Semitropic 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252901103_Capacity	DDOR3172	Semitropic 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_255361106_Capacity	DDOR3173	Le Grand 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_042151108_Capacity	DDOR3174	Santa Rosa A 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_255451102_Capacity	DDOR3175	Cal Water 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182541101_Voltage	DDOR3176	Atascadero 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_014351109_Reliability	DDOR3177	Fremont 1109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_024060401_Voltage	DDOR3178	Carolands 401	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_192221102_Capacity	DDOR1120	Garberville 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_24251106_Capacity	DDOR3180	Woodside 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_163081101_Capacity	DDOR3181	Rough and Ready 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_162701706_Capacity	DDOR3183	Vierra 1706	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_162421101_Capacity	DDOR3184	Stagg 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_163211102_Capacity	DDOR3185	Mormon 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A

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				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_042271103_Capacity	DDOR3186	Cotati 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_163351704_Reliability	DDOR3187	Curtis 1704	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_182671110_Voltage	DDOR3188	Santa Maria 1110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153612103_Voltage	DDOR1180	Clarksville 2103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182661104_Voltage	DDOR1266	San Miguel 1107 & 2106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252361106_Capacity	DDOR3189	San Joaquin Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_1636801_Reliability	DDOR3190	Lockeford Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_254401102_Capacity	DDOR3191	Twiselman 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252311103_Capacity	DDOR3192	Mendota 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_014652107_Capacity	DDOR3193	Tidewater 2107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252771108_Capacity	DDOR3194	Magunden 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254541104_Capacity	DDOR3195	Ganso 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252891105_Capacity	DDOR1265	Schindler 1105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254611108_Capacity	DDOR3196	Storey 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_162081102_Capacity	DDOR3197	New Hope 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_014452105_Capacity	DDOR1131	Contra Costa 2114	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_014381102_Capacity	DDOR3198	Grant 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_012022217_Capacity	DDOR3199	Clayton 2217	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_083392110_Voltage	DDOR3200	Swift 2110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252611103_Voltage	DDOR3201	Midway 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254081102_Voltage	DDOR3202	Clovis 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_102851101_Voltage	DDOR1217	Jacinto 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_063801105_Capacity	DDOR3203	Jameson 1105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_153781102_Voltage	DDOR3204	Bogue Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153781103_Voltage	DDOR3204	Bogue Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153781104_Voltage	DDOR3204	Bogue Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_1537801_Voltage	DDOR3204	Bogue Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153781105_Voltage	DDOR3205	Bogue Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153781106_Voltage	DDOR3205	Bogue Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153781107_Voltage	DDOR3205	Bogue Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_1537802_Voltage	DDOR3205	Bogue Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_163571701_Voltage	DDOR3206	Bogue Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253931105_Capacity	DDOR3208	Gates 1105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252051113_Capacity	DDOR3210	Ashlan Avenue 1113	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252421111_Capacity	DDOR3211	Dairyland 1111	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254101106_Capacity	DDOR3212	Chowchilla 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_163281101_Capacity	DDOR3214	Victor 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253371105_Reliability	DDOR3215	Bakersfield 1105, 1107, 1115, & 2109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_253371107_Reliability	DDOR3215	Bakersfield 1105, 1107, 1115, & 2109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_253371115_Reliability	DDOR3215	Bakersfield 1105, 1107, 1115, & 2109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_253372109_Reliability	DDOR3215	Bakersfield 1105, 1107, 1115, & 2109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_022691107_Capacity	DDOR3216	Daly City 1107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A

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				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_182492101_Capacity	DDOR1172	Hollister 2101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252721108_Capacity	DDOR3218	Kern Oil 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252461103_Capacity	DDOR3219	Famoso 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254531107_Capacity	DDOR3220	Wahtoke 1107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_043081101_Reliability	DDOR3221	Big River 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_252451101_Capacity	DDOR3223	El Nido 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_042091101_Capacity	DDOR3224	Mirabel 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_103351101_Capacity	DDOR1105	Deschurtes 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252861106_Capacity	DDOR3225	Rio Bravo 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_103142102_Capacity	DDOR3226	Logan Creek 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253551106_Capacity	DDOR3227	Smyrna 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253181102_Capacity	DDOR3228	Mcfarland 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253411106_Capacity	DDOR3229	Lakeview 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252971102_Capacity	DDOR3230	Weedpatch 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252371105_Capacity	DDOR3231	Caruthers 1105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182541102_Capacity	DDOR3232	Atascadero 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_014662103_Capacity	DDOR1154	Tassajara 2103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252821104_Capacity	DDOR3233	Old River 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_012200404_Capacity	DDOR1234	Walnut Creek 404	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_024060404_Capacity	DDOR3234	Carolands 404	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182011104_Capacity	DDOR3235	Salinas 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_162771102_Capacity	DDOR1136	Lammers 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_043321101_Capacity	DDOR3236	Rincon 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252341112_Capacity	DDOR1236	Tulare Lake 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252841101_Capacity	DDOR1236	Tulare Lake 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254531109_Capacity	DDOR1236	Tulare Lake 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_083182103_Capacity	DDOR3238	Llagas 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253911106_Capacity	DDOR3239	Lamont 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_024091101_Capacity	DDOR3240	Glenwood 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_014452106_Capacity	DDOR3241	Willow Pass Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_103331101_Capacity	DDOR3242	Corning 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_083392108_Capacity	DDOR3243	Swift 2108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_014692101_Capacity	DDOR1155	Research 2101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_014091105_Capacity	DDOR3244	Castro Valley 1105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254211102_Capacity	DDOR3245	Maricopa 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_024130403_Capacity	DDOR3246	Menlo 403	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252971102_Capacity	DDOR3247	Weedpatch 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252771105_Capacity	DDOR3248	Magunden 1105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_255361110_Capacity	DDOR3249	Le Grand 1110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_012091116_Capacity	DDOR3250	Oakland J 1116	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252771105_Capacity	DDOR3251	Magunden 1105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_163091102_Capacity	DDOR3252	Carbona 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A

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				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_103142102_Capacity	DDOR3253	Logan Creek 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_152582106_Capacity	DDOR1169	Del Mar 2106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_043071101_Capacity	DDOR3254	Dunbar 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_013761114_Capacity	DDOR3255	Mt Eden 1114	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253191101_Capacity	DDOR3256	San Bernard 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252311101_Capacity	DDOR3257	Firebaugh 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253651103_Capacity	DDOR3258	Shafter 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253731110_Capacity	DDOR3259	West Fresno 1110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_024130402_Capacity	DDOR3260	Menlo 402	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182821101_Capacity	DDOR1152	Mesa 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254061103_Capacity	DDOR3261	Dunlap 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252891112_Voltage	DDOR194	Schindler 1112	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_014101101_Capacity	DDOR3262	Alhambra 1101 & 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_012091112_Capacity	DDOR1137	Oakland J 1112	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253411107_Capacity	DDOR3263	Lakeview 1107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252721103_Capacity	DDOR3264	Kern Oil 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252721116_Capacity	DDOR3265	Kern Oil 1116	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253951106_Capacity	DDOR3266	Columbus 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_162671103_Capacity	DDOR1214	Westley 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_103142102_Capacity	DDOR3267	Logan Creek 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_255121101_Capacity	DDOR3268	Borden 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252901106_Capacity	DDOR3269	Semitropic 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_042561104_Capacity	DDOR3270	Fulton 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253181102_Capacity	DDOR3271	Mc Farland 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182541103_Capacity	DDOR3272	Atascadero 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252161108_Capacity	DDOR3273	Coalinga No 1 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252161107_Capacity	DDOR3273	Coalinga No 1 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253911103_Capacity	DDOR3274	Lamont 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_022011110_Capacity	DDOR1107	MISSION (SF X) 1110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_255121102_Capacity	DDOR3275	Borden 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253422101_Capacity	DDOR3276	Panama 2101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252821102_Capacity	DDOR3277	Old River 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253371118_Capacity	DDOR3278	Bakersfield 1118	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253931102_Capacity	DDOR1156	Gates 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_102601101_Capacity	DDOR1225	Glenn 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252661102_Capacity	DDOR1237	Guernsey 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252772108_Capacity	DDOR3279	Magunden 2108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252971106_Capacity	DDOR3280	Weedpatch 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252051108_Capacity	DDOR1110	Ashlan 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_043321103_Capacity	DDOR3281	Rincon 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_043321101_Capacity	DDOR3282	Rincon 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_043302107_Capacity	DDOR3283	Monroe 2107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A

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				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_042151107_Capacity	DDOR3284	Santa Rosa 1107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_102601101_Capacity	DDOR1130	Glenn 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252772108_Capacity	DDOR3285	Magunden 2108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_043501103_Capacity	DDOR3286	Windsor 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182131104_Capacity	DDOR1238	Gonzales 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252901110_Capacity	DDOR3287	Semitropic 1110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252971102_Capacity	DDOR3291	Weedpatch 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254572103_Capacity	DDOR3292	Renfro Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_042561107_Capacity	DDOR1242	Fulton 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252971102_Capacity	DDOR3293	Lamont 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253491113_Capacity	DDOR3294	Lerdo 1113	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_183052109_Capacity	DDOR1230	Templeton 2109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_103251101_Capacity	DDOR3295	Treas Vias 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_152481106_Capacity	DDOR1164	Brunswick 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_063642106_Capacity	DDOR3296	Peabody 2106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_062031113_Capacity	DDOR3297	Woodland 1113	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_063642102_Capacity	DDOR1126	Peabody 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_013532110_Capacity	DDOR3299	Lakewood 2110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_163131102_Capacity	DDOR3300	East Stockton 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253801101_Voltage	DDOR3301	Arvin 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253191102_Voltage	DDOR3302	San Bernard 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_163571701_Voltage	DDOR3303	Avena 1701 &1702	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_024160409_Voltage	DDOR3304	Redwood City 409	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_013432207_Capacity	DDOR3305	Fairview 2207	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254452102_Voltage	DDOR3306	Mariposa 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153701103_Voltage	DDOR3307	Lincoln 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153701104_Voltage	DDOR3307	Lincoln 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_022500402_Capacity	DDOR3308	Taraval 402	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_083622103_Reliability	DDOR3309	Camp Evers 2103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_254611108_Reliability	DDOR3310	Storey 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_254091102_Voltage	DDOR3311	Dinuba 1102 & 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_022261103_Reliability	DDOR3312	Daly City 1103 & 1109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_022641109_Reliability	DDOR3312	Daly City 1103 & 1109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_182131102_Capacity	DDOR3313	Gonzales 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182052101_Voltage	DDOR3314	Soledad 2101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_013751102_Voltage	DDOR3315	Vasco 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_103211102_Voltage	DDOR3316	Honcut 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_024030401_Voltage	DDOR3317	Belmont 401	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_042011109_Voltage	DDOR1108	San Rafael 1109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_024131102_Voltage	DDOR3318	Menlo 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182191102_Voltage	DDOR3319	San Ardo 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182391103_Voltage	DDOR1114	Oilfields 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A

GNA ID	DDOR ID	Project Name	Project Type	Capital Cost (2022 \$)				Need Year/In Service Date	Grid Need Energy (MWh/yr)	Peak Day Energy (MWh)	Deferral Years	Distribution Service Required	Grid Need (MW/Vpu/MVAR)	Units	DER Installation Year
				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_024040403_Voltage	DDOR3320	Beresford 403	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252421112_Voltage	DDOR3321	Dairyland 1112	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_183041101_Voltage	DDOR1113	Buellton 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_162741106_Voltage	DDOR3322	Newman 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_163081102_Voltage	DDOR3323	Rough and Ready 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_062051102_Voltage	DDOR3324	Honcut 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_255121103_Voltage	DDOR3325	Borden 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_043071103_Voltage	DDOR3326	Dunbar 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_103611101_Voltage	DDOR3327	Wildwood 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253142102_Voltage	DDOR3328	Cuyama 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182381104_Voltage	DDOR3329	Castroville 2103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182352103_Voltage	DDOR3329	Castroville 2103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_103331103_Voltage	DDOR3330	Corning 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_183101104_Voltage	DDOR1146	Cabriollo 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_102171102_Voltage	DDOR3331	Esquon 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_152691109_Voltage	DDOR1163	Higgins 1109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_163191713_Voltage	DDOR3332	Riverbank 1713	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253881103_Voltage	DDOR3333	El Capitan 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_042251101_Voltage	DDOR1148	Hopland 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_163682102_Voltage	DDOR3334	Lockeford 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_162300403_Voltage	DDOR3335	Monarch 403	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_014091102_Voltage	DDOR3336	Castro Valley 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153662102_Voltage	DDOR3337	Apple Hill 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_162071103_Voltage	DDOR3338	Linden 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_163541102_Voltage	DDOR3339	Oleta 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_082250410_Voltage	DDOR1246	San Jose B 410	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_102171101_Voltage	DDOR3340	Esquon 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_162071104_Voltage	DDOR3341	Linden 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_255361104_Voltage	DDOR3342	Le Grand 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_043321101_Voltage	DDOR3343	Rincon 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_163251101_Voltage	DDOR3344	Crows Landing 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253411103_Voltage	DDOR3345	Lakeview 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_162741106_Voltage	DDOR3346	Newman 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_102701103_Voltage	DDOR3347	Orland B 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182151101_Voltage	DDOR1162	Los Ositos 2103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182082103_Voltage	DDOR1162	Los Ositos 2103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_163131102_Reliability	DDOR3349	East Stockton 402	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_162701706_Reliability	DDOR3350	French Camp 1102 & Vierra 1706	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_163291102_Reliability	DDOR3350	French Camp 1102 & Vierra 1706	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_022031118_Reliability	DDOR3351	Potrero A1118	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_153761105_Reliability	DDOR3352	Catlett 1105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_252241116_Reliability	DDOR3353	Kingsburg 1116	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A

GNA ID	DDOR ID	Project Name	Project Type	Capital Cost (2022 \$)				Need Year/In Service Date	Grid Need Energy (MWh/yr)	Peak Day Energy (MWh)	Deferral Years	Distribution Service Required	Grid Need (MW/Vpu/MVAR)	Units	DER Installation Year
				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_012541107_Reliability	DDOR3354	Oakland X 1107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_014452103_Reliability	DDOR3355	Kirker 2103 & 2108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_253371105_Voltage	DDOR3356	Bakersfield Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254582102_Voltage	DDOR3357	7th Standard Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253372104_Voltage	DDOR3358	Bakersfield Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_102911110_Voltage	DDOR3359	Wyndotte Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_102911103_Voltage	DDOR3360	Wyndotte Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254552112_Voltage	DDOR3361	Figarden Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253611102_Voltage	DDOR3362	Atwater Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_255361104_Voltage	DDOR3363	Le Grand Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254301103_Voltage	DDOR3364	Wilson Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254301101_Voltage	DDOR3364	Wilson Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254101104_Voltage	DDOR3365	Chowchilla Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252421105_Voltage	DDOR3366	Dairyland Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252421112_Voltage	DDOR3367	Dairyland Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252421113_Voltage	DDOR3367	Dairyland Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_013532226_Voltage	DDOR3368	Lakewood Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254552102_Voltage	DDOR3369	Figarden Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254552103_Voltage	DDOR3369	Figarden Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254552105_Voltage	DDOR3369	Figarden Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254552107_Voltage	DDOR3370	Figarden Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254552108_Voltage	DDOR3370	Figarden Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254552109_Voltage	DDOR3370	Figarden Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153701101_Voltage	DDOR3371	Lincoln Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153701102_Voltage	DDOR3372	Lincoln Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_1524403_Voltage	DDOR3373	Grove Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_1524401_Voltage	DDOR3374	Grove Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_1524402_Voltage	DDOR3375	Grove Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_013532227_Voltage	DDOR3376	Lakewood Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_013532107_Voltage	DDOR3377	Lakewood Bank 4	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_013532109_Voltage	DDOR3377	Lakewood Bank 4	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253571101_Voltage	DDOR3378	Barton Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253571102_Voltage	DDOR3379	Barton Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253961105_Voltage	DDOR3380	Bullard Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253961101_Voltage	DDOR3381	Bullard Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253921102_Voltage	DDOR3382	Manchester Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253921109_Voltage	DDOR3383	Manchester Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252041101_Voltage	DDOR3384	Airways Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252351108_Voltage	DDOR3385	Sanger Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252281110_Voltage	DDOR3386	California Ave Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252281106_Voltage	DDOR3387	California Ave Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253731101_Voltage	DDOR3388	West Fresno Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A

GNA ID	DDOR ID	Project Name	Project Type	Capital Cost (2022 \$)				Need Year/In Service Date	Grid Need Energy (MWh/yr)	Peak Day Energy (MWh)	Deferral Years	Distribution Service Required	Grid Need (MW/Vpu/MVAR)	Units	DER Installation Year
				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_253731105_Voltage	DDOR3389	West Fresno Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253961101_Voltage	DDOR3390	Bullard Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_063131109_Voltage	DDOR3391	West Sacramento Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_063131110_Voltage	DDOR3391	West Sacramento Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_063131111_Voltage	DDOR3391	West Sacramento Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_152011106_Voltage	DDOR3392	Marysville Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_152011107_Voltage	DDOR3392	Marysville Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_152011108_Voltage	DDOR3392	Marysville Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_1520101_Voltage	DDOR3392	Marysville Bank 1	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_152901103_Voltage	DDOR3393	Olivehurst Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_152901104_Voltage	DDOR3393	Olivehurst Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_152901105_Voltage	DDOR3393	Olivehurst Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_1529002_Voltage	DDOR3393	Olivehurst Bank 2	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153751103_Voltage	DDOR3394	Pease Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_1537503_Voltage	DDOR3394	Pease Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153751104_Voltage	DDOR3394	Pease Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_043501101_Voltage	DDOR3395	Windsor 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_162821701_Voltage	DDOR3396	Stanislaus 1701	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252711106_Voltage	DDOR3397	Kerman 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252241111_Voltage	DDOR3398	Kingsburg 1111	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252951106_Voltage	DDOR3399	Tulare Lake 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_163211101_Voltage	DDOR3400	Mormon 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252421113_Voltage	DDOR3401	Dairyland 1113	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252811102_Voltage	DDOR3402	Merced Falls 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_162111102_Voltage	DDOR3403	Lodi 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253611102_Voltage	DDOR3404	Atwater 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253611102_Voltage	DDOR3405	Atwater 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254702104_Voltage	DDOR3406	Cressey 2104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252681106_Voltage	DDOR3407	Henrietta 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253931106_Voltage	DDOR3408	Gates 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252661101_Voltage	DDOR3409	Guernsey 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254101104_Voltage	DDOR3410	Chowchilla 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_103491102_Voltage	DDOR3411	Mc Arthur 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252801114_Voltage	DDOR3412	Merced 1114	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252801116_Voltage	DDOR3413	Merced 1116	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252421109_Voltage	DDOR3414	Dairyland 1109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_162741102_Voltage	DDOR3415	Newman 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252371105_Voltage	DDOR3416	Caruthers 1105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252241110_Voltage	DDOR3417	Kingsburg 1110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254251110_Capacity	DDOR1207	Malaga 1110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252552103_Capacity	DDOR3418	Temblor 2103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_042571102_Capacity	DDOR3419	Molino 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A

GNA ID	DDOR ID	Project Name	Project Type	Capital Cost (2022 \$)				Need Year/In Service Date	Grid Need Energy (MWh/yr)	Peak Day Energy (MWh)	Deferral Years	Distribution Service Required	Grid Need (MW/Vpu/MVAR)	Units	DER Installation Year
				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_254101101_Capacity	DDOR3420	Chowchilla 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253731101_Capacity	DDOR3421	West Fresno 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254761101_Reliability	DDOR3422	Rosedale 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_252421102_Capacity	DDOR3423	Dairyland 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_014592112_Reliability	DDOR3424	Brentwood 2112	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_014321101_Reliability	DDOR3424	Balfour 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_252731101_Capacity	DDOR1189	Kettleman 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254402105_Voltage	DDOR1177	Twissleman 2105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182222104_Reliability	DDOR3425	Del Monte 2104 & Reservation Road	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_253601102_Capacity	DDOR3426	Lemoore 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253601104_Voltage	DDOR3427	Lemoore 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252301104_Capacity	DDOR1252	Camden 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253601101_Capacity	DDOR3428	Lemoore 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253601106_Capacity	DDOR1190	Lemoore 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252351108_Capacity	DDOR1258	Sanger 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254441105_Capacity	DDOR3429	Rainbow 1105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254561104_Capacity	DDOR3430	Tupman 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_014381103_Capacity	DDOR3431	Grant 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_014381102_Capacity	DDOR3432	Grant 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_152282101_Capacity	DDOR1194	Mountain Quarries 2101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_152582106_Capacity	DDOR3433	Del Mar 2106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_042561102_Voltage	DDOR3434	Fulton 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_042141101_Capacity	DDOR3435	Clearlake 1101 & 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_152271102_Voltage	DDOR3436	Wise 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_152241102_Voltage	DDOR3437	Halsey 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_152461102_Voltage	DDOR3438	Placer 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_102211103_Voltage	DDOR1178	Bucks Creek 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182811102_Voltage	DDOR3439	Siquoc 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_183041102_Capacity	DDOR3440	Buellton 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_083192103_Voltage	DDOR3441	Green Valley 2103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182031105_Capacity	DDOR1115	Oilfields 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182071101_Capacity	DDOR1116	Salinas 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182031106_Reliability	DDOR3442	King City 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_182261106_Capacity	DDOR3443	Salinas 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182731102_Voltage	DDOR3444	Reservation Road 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_192151132_Capacity	DDOR3445	Camp Evers 2108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_153612109_Capacity	DDOR1181	Live Oak 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_102931103_Capacity	DDOR1255	Corning 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_153662102_Voltage	DDOR3446	Apple Hill 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153662102_Capacity	DDOR3447	Apple Hill 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_153661104_Voltage	DDOR3448	Apple Hill 2101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_152762101_Voltage	DDOR3449	El Dorado PH 2101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A

PG&E 2023 Distribution Deferral Opportunity Report (DDOR)
Appendix J.2: LNBA - Planned Investments - Line Sections - Project Specific Inputs
Version Date: 11/30/2023
Public

GNA ID	DDOR ID	Project Name	Project Type	Capital Cost (2022 \$)				Need Year/In Service Date	Grid Need Energy (MWh/yr)	Peak Day Energy (MWh)	Deferral Years	Distribution Service Required	Grid Need (MW/Vpu/MVAR)	Units	DER Installation Year
				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_102851101_Voltage	DDOR3450	Jacinto 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_103142102_Voltage	DDOR3451	Logan Creek 2101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_102851102_Voltage	DDOR3452	Jacinto 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_152691109_Voltage	DDOR3453	Higgins 1109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_152481106_Capacity	DDOR3454	Brunswick 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_152151102_Capacity	DDOR1174	East Nicolaus 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_152151103_Voltage	DDOR1175	East Nicolaus 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_103211102_Voltage	DDOR1186	Honcut 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_102601101_Capacity	DDOR1267	Glenn 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_102111102_Capacity	DDOR1198	Capay 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_102701103_Capacity	DDOR1197	Orland B 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_103441101_Capacity	DDOR1202	Jessup 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_102911106_Voltage	DDOR1199	Wyandotte 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_102911109_Capacity	DDOR1200	Wyandotte 1109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_102911110_Capacity	DDOR1201	Wyandotte 1110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_103191101_Voltage	DDOR3455	Bangor 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182492105_Voltage	DDOR3456	Hollister 2105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_183052112_Voltage	DDOR3457	Templeton 2112	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252921108_Capacity	DDOR1208	Stone Corral 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_083242110_Voltage	DDOR3458	Morgan Hill 2110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_083182105_Capacity	DDOR3459	Llagas 2105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_082951102_Capacity	DDOR3460	Edenvale 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_082951103_Capacity	DDOR3461	Edenvale 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254432104_Voltage	DDOR3462	Coarsegold 2104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252661106_Capacity	DDOR1251	Guernsey 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252661101_Capacity	DDOR1251	Guernsey 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_042721106_Capacity	DDOR3463	Sonoma 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_043361102_Capacity	DDOR3464	Highlands 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_042821101_Capacity	DDOR3465	Cloverdale Bank and Feeder	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_043301105_Capacity	DDOR3466	Monroe 1105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254501102_Voltage	DDOR3467	Lamont 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254501103_Voltage	DDOR3468	Lamont 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252461101_Capacity	DDOR3469	Calwater 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252461102_Voltage	DDOR3470	Calwater 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254541103_Voltage	DDOR3471	Lamont 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253181102_Voltage	DDOR3472	Lamont 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253181105_Voltage	DDOR3473	Calwater 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252901104_Voltage	DDOR3474	Lamont 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252961101_Capacity	DDOR3475	Lamont 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252961102_Capacity	DDOR3476	Lamont 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_083371109_Capacity	DDOR1157	Saratoga 1109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182611104_Capacity	DDOR3477	Pasa Robles 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A

GNA ID	DDOR ID	Project Name	Project Type	Capital Cost (2022 \$)				Need Year/In Service Date	Grid Need Energy (MWh/yr)	Peak Day Energy (MWh)	Deferral Years	Distribution Service Required	Grid Need (MW/Vpu/MVAR)	Units	DER Installation Year
				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_152701109_Capacity	DDOR3478	Bell 1109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_152271102_Voltage	DDOR3479	Wise 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_103191101_Capacity	DDOR3480	Bangor 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_102911103_Capacity	DDOR3481	Wyandotte 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_103191101_Capacity	DDOR3482	Bangor 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_103191101_Capacity	DDOR3483	Bangor 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_103461101_Voltage	DDOR3484	Panorama 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182391102_Capacity	DDOR3485	Oilfields 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182191102_Voltage	DDOR3486	San Ardo 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182031102_Voltage	DDOR3487	King City 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182191102_Voltage	DDOR3488	King City 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182031106_Capacity	DDOR3489	King City 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182631101_Capacity	DDOR3492	San Luis Obispo 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182581108_Voltage	DDOR3493	Goldtree 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182541103_Capacity	DDOR3494	Atascadero 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182541103_Voltage	DDOR3495	Atascadero 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182611107_Capacity	DDOR3496	Pasa Robles 1107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182661104_Voltage	DDOR3497	San Miguel 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182551102_Voltage	DDOR3498	Cayucos 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182821103_Capacity	DDOR3500	Mesa 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182811104_Voltage	DDOR3501	Sisquoc 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182811102_Capacity	DDOR3502	Sisquoc 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182061107_Capacity	DDOR3503	Fairway 1107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182492101_Reliability	DDOR3504	Hollister 2101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_083332101_Capacity	DDOR3505	Watsonville 2101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_183041101_Capacity	DDOR3506	Buellton 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182261106_Reliability	DDOR3508	Buena Vista 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_182541102_Capacity	DDOR3510	Atascadero 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253701108_Capacity	DDOR3511	Westpark 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252771108_Capacity	DDOR3512	Magunden 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_255451102_Capacity	DDOR3513	Cal Water 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253701107_Capacity	DDOR3514	Westpark 1107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252772109_Capacity	DDOR3515	Magunden 2109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_255451103_Capacity	DDOR3516	Cal Water 1103, Columbus 1104, M	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253951104_Capacity	DDOR3516	Cal Water 1103, Columbus 1104, M	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252771101_Capacity	DDOR3516	Cal Water 1103, Columbus 1104, M	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253701103_Capacity	DDOR3516	Cal Water 1103, Columbus 1104, M	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254082110_Capacity	DDOR3517	Shepherd Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252062110_Capacity	DDOR3517	Shepherd Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_255292102_Capacity	DDOR3518	Woodward 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253931106_Capacity	DDOR3519	Gates 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252611102_Capacity	DDOR3520	Midway 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A

GNA ID	DDOR ID	Project Name	Project Type	Capital Cost (2022 \$)				Need Year/In Service Date	Grid Need Energy (MWh/yr)	Peak Day Energy (MWh)	Deferral Years	Distribution Service Required	Grid Need (MW/Vpu/MVAR)	Units	DER Installation Year
				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_252611101_Capacity	DDOR3521	Midway 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252611103_Capacity	DDOR3522	Midway 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253491116_Capacity	DDOR3523	Lerdo 1116	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254561107_Capacity	DDOR3524	Tupman 1107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253491116_Capacity	DDOR3525	Lerdo 1116	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254561104_Voltage	DDOR3526	Tupman 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253651103_Capacity	DDOR3527	Shafter 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253651112_Capacity	DDOR3528	Shafter 1112	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252171112_Capacity	DDOR3530	Corcoran 1112	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252171118_Capacity	DDOR3531	Corcoran 1118	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252171108_Voltage	DDOR3532	Corcoran 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252171112_Capacity	DDOR3533	Corcoran 1112	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252171116_Capacity	DDOR3534	Corcoran 1116	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254771102_Voltage	DDOR3535	Jacobs Corner 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252661101_Capacity	DDOR3536	Guernsey 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252661103_Capacity	DDOR3537	Guernsey 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252661102_Capacity	DDOR3538	Guernsey 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252681104_Voltage	DDOR3539	Henrietta 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252681104_Capacity	DDOR3540	Henrietta 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252661104_Capacity	DDOR3541	Henrietta 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254771102_Voltage	DDOR3542	Jacobs Corner 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252041102_Capacity	DDOR3543	Airway 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252041108_Capacity	DDOR3544	Airways 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252301103_Capacity	DDOR3545	Camden 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252351110_Capacity	DDOR3546	Sanger 1110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_2523403_Capacity	DDOR3547	Reedley Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254091104_Capacity	DDOR1256	Dinuba 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254531109_Capacity	DDOR3548	Wahtoke 1109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253731109_Voltage	DDOR3549	West Fresno 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252281106_Capacity	DDOR3550	California 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253731111_Voltage	DDOR3551	West Fresno 1113	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253731101_Voltage	DDOR3552	West Fresno 1114	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252281102_Voltage	DDOR3552	West Fresno 1114	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254251111_Voltage	DDOR3552	West Fresno 1114	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252281103_Capacity	DDOR3553	California 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254501103_Capacity	DDOR3557	Charca 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253181104_Capacity	DDOR3558	McFarland 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_253551102_Capacity	DDOR3559	Smyrna 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252461103_Reliability	DDOR3560	Famoso 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_252901108_Reliability	DDOR3561	Semitropic 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_254201106_Capacity	DDOR3562	Goose Lake 110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254202104_Voltage	DDOR3563	Goose Lake 2104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A

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				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_253551105_Voltage	DDOR3564	Smyrna 1105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252711108_Capacity	DDOR3565	Kerman 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252701104_Voltage	DDOR3566	Kearney 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252701106_Reliability	DDOR3567	Kearney 1108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_252711101_Voltage	DDOR3568	Kerman 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252711106_Capacity	DDOR3569	Kerman 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252701110_Capacity	DDOR3570	Kearney 1110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252711103_Capacity	DDOR3571	Kerman 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_252211103_Voltage	DDOR3572	Biola 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252211102_Voltage	DDOR3573	Biola 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252711104_Capacity	DDOR3574	Kerman 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_254311106_Capacity	DDOR3575	Ortiga 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_163711708_Reliability	DDOR3576	Cottle 1708	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_253671102_Capacity	DDOR3577	Panoche 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_162701702_Capacity	DDOR3578	Vierra 1702	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_082342102_Capacity	DDOR3580	River Oaks 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_163481111_Capacity	DDOR3581	Weber 1111	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_152442110_Capacity	DDOR3584	Pleasant Grove 2110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_022801138_Capacity	DDOR3586	Larkin SF Y 1138	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Capacity	N/A	N/A	N/A
GNA_182052102_Reliability	DDOR3032	Soledad 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_043141102_Reliability	DDOR3588	Middletown 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_182541101_Reliability	DDOR3046	Templeton 2111	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_022571106_Reliability	DDOR3054	East Grand 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_042091101_Reliability	DDOR3224	Mirabel 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_182541102_Reliability	DDOR3232	Atascadero 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_014452106_Reliability	DDOR3241	Willow Pass Bank 3	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_012091116_Reliability	DDOR3250	Oakland J 1116	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_254061103_Reliability	DDOR3261	Dunlap 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_252772108_Reliability	DDOR3279	Magunden 2108	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_163481110_Voltage	DDOR1226	Weber 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254582102_Voltage	DDOR1272	7th Standard 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_062462226_Voltage	DDOR3022	Grand Island 2226 & 2227	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_192151131_Voltage	DDOR3024	Newburg 1131	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253881102_Voltage	DDOR3027	El Capitan 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182671111_Voltage	DDOR3028	Santa Maria 1111	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_153761102_Voltage	DDOR3029	Catlett 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182201102_Voltage	DDOR3030	Spence 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253401104_Voltage	DDOR1134	Panoche 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253491114_Voltage	DDOR3031	Lerdo 1114	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_063171103_Voltage	DDOR1140	Zamora 1107	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_103391102_Voltage	DDOR1229	Gerber 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182671111_Voltage	DDOR267	Santa Maria 1111	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A

GNA ID	DDOR ID	Project Name	Project Type	Capital Cost (2022 \$)				Need Year/In Service Date	Grid Need Energy (MWh/yr)	Peak Day Energy (MWh)	Deferral Years	Distribution Service Required	Grid Need (MW/Vpu/MVAR)	Units	DER Installation Year
				General	Substation Equipment (\$000)	Primary Feeder/Line section (\$000)	New or Existing Equipment								
GNA_182671111_Voltage	DDOR3033	Santa Maria 1111	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_192151131_Voltage	DDOR3035	Newburg 1131	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254501102_Voltage	DDOR3045	Charca 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254461109_Voltage	DDOR3052	Mendota 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_192221102_Voltage	DDOR1120	Garberville 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_254541104_Voltage	DDOR3195	Ganso 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252891105_Voltage	DDOR1265	Schindler 1105	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252861106_Voltage	DDOR3225	Rio Bravo 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_103142102_Voltage	DDOR3226	Logan Creek 2102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253551106_Voltage	DDOR3227	Smyrna 1106	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_024060404_Voltage	DDOR3234	Carolands 404	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182011104_Voltage	DDOR3235	Salinas 1104	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_024130403_Voltage	DDOR3246	Menlo 403	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182821101_Voltage	DDOR1152	Mesa 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182541103_Voltage	DDOR3272	Atascadero 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253931102_Voltage	DDOR1156	Gates 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_253491113_Voltage	DDOR3294	Lerdo 1113	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_183052109_Voltage	DDOR1230	Templeton 2109	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_252552103_Voltage	DDOR3418	Temblor 2103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182071101_Voltage	DDOR1116	Camphora 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182541101_Reliability	DDOR3176	Atascadero 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_083392110_Reliability	DDOR3200	Swift 2110	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_182391103_Reliability	DDOR1114	Oilfields 1103	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Reliability	N/A	N/A	N/A
GNA_182201104_Voltage	DDOR3014	Spence 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_182201102_Voltage	DDOR3014	Spence 1101	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A
GNA_163091102_Voltage	DDOR3252	Carbona 1102	Line Section		N/A	N/A	N/A	N/A	N/A	N/A	N/A	Voltage	N/A	N/A	N/A