FILED
01-04-13
04:59 PM

# APPENDIX A

## DRA's Proposed Rates and CTM Calculations for Bundled Service Customers

| Standard EDR - Bundled Service (26Dec12) | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **E-20T -- Constrained or Unconstrained** | | 12% | 12% | 12% | 12% | 12% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 |
| Distribution | $0.00195 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00030 | $0.00195 | $0.00195 | $0.00195 | $0.00195 | $0.00195 |
| Public Purpose Programs | $0.01204 | $0.01204 | $0.01204 | $0.01204 | $0.01204 | $0.01204 | $0.01204 | $0.01204 | $0.01204 | $0.01204 | $0.01204 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| Generation/DWR Power Charge | $0.05836 | $0.04896 | $0.04896 | $0.04896 | $0.04896 | $0.04896 | $0.05836 | $0.05836 | $0.05836 | $0.05836 | $0.05836 |
| CTC | $0.00317 | $0.00317 | $0.00317 | $0.00317 | $0.00317 | $0.00317 | $0.00317 | $0.00317 | $0.00317 | $0.00317 | $0.00317 |
| NSGC | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.09195** | $0.08092 | $0.08092 | $0.08092 | $0.08092 | $0.08092 | $0.09195 | $0.09195 | $0.09195 | $0.09195 | $0.09195 |
| | | $0.08092 | $0.08092 | $0.08092 | $0.08092 | $0.08092 | | | | | |
| **Dist Headroom/discount** | **$0.00113** | $0.00164 | $0.00164 | $0.00164 | $0.00164 | $0.00164 | | | | | |
| **Gen Headroom/ discount** | **$0.00646** | $0.00939 | $0.00939 | $0.00939 | $0.00939 | $0.00939 | | | | | |
| **Total discount** | | **$0.01103** | **$0.01103** | **$0.01103** | **$0.01103** | **$0.01103** | | | | | |
| Gen MC - DRA / PG&E (y1) | $0.06937 | $0.06742 | | | | | | | | | |
| Gen MC - DRA / PG&E (post 2014) | $0.04752 | $0.04557 | | | | | | | | | |
| Blended Gen MC - DRA / PG&E | $0.05189 | $0.04994 | | | | | | | | | |
| Dist MC (Constrained or Unconstrained) | $0.00082 | | | | | | | | | | |
| Transmission | $0.00995 | | | | | | | | | | |
| **MC Floor (Constrained or Unconstrained)** | **$0.06266** | 31.9% | | | | | | | | | |
| **MC Floor + NBCs** | **$0.08435** | 8.3% | | | | | | | | | |
| DRA Blended Gen MC proposal | | $0.05189 | $0.05189 | $0.05189 | $0.05189 | $0.05189 | $0.05189 | $0.05189 | $0.05189 | $0.05189 | $0.05189 |
| Dist MC (Constrained or Unconstrained) | | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00082 |
| Transmission | | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 |
| **DRA MC Floor** | | **$0.06266** | **$0.06266** | **$0.06266** | **$0.06266** | **$0.06266** | **$0.06266** | **$0.06266** | **$0.06266** | **$0.06266** | **$0.06266** |
| CTM wrt DRA MC Floor | | $0.01826 | $0.01826 | $0.01826 | $0.01826 | $0.01826 | $0.02929 | $0.02929 | $0.02929 | $0.02929 | $0.02929 |
| **5 year PV CTM wrt DRA MC Floor** | **$0.07367** | | | | | | | | | | |
| **10 year PV CTM** | **$0.15561** | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| **5 year PV CTM** | **$631,180** | | | | | | | | | | |
| **10 year PV CTM** | **$1,333,285** | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03165 | $0.03165 | $0.03165 | $0.03165 | $0.03165 | $0.03165 | $0.03165 | $0.03165 | $0.03165 | $0.03165 | $0.03165 |
| (All rate components excpt. D&G) | | | | | | | | | | | |
| Total discounted rate | | $0.08092 | $0.08092 | $0.08092 | $0.08092 | $0.08092 | $0.09195 | $0.09195 | $0.09195 | $0.09195 | $0.09195 |
| Surplus/Deficit (re NBCs) | | $0.04927 | $0.04927 | $0.04927 | $0.04927 | $0.04927 | $0.06030 | $0.06030 | $0.06030 | $0.06030 | $0.06030 |
| **Marginal Energy Cost** | $0.03695 | | | | | | | | | | |
| **Marginal Distribution Cost** | $0.00082 | | | | | | | | | | |
| **DRA Modified Additive Price Floor** | **$0.06942** | | | | | | | | | | |
| Margin Above Modified Additive Price Floor | | $0.01150 | $0.01150 | $0.01150 | $0.01150 | $0.01150 | $0.02253 | $0.02253 | $0.02253 | $0.02253 | $0.02253 |
| **5 year PV Margin above Mod. Add. Floor** | **$0.04640** | | | | | | | | | | |
| **10 year PV Margin** | **$0.10944** | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| **5 year PV Margin (DRA MCs)** | **$397,579** | | | | | | | | | | |
| **10 year PV Margin (DRA MCs)** | **$937,723** | | | | | | | | | | |
| gen cap | $0.01494 | | | | | | | | | | |

| Standard EDR - Bundled Service (26Dec12) | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **E-20P -- Constrained** | | 12% | 12% | 12% | 12% | 12% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 |
| Distribution | $0.01920 | $0.01558 | $0.01558 | $0.01558 | $0.01558 | $0.01558 | $0.01920 | $0.01920 | $0.01920 | $0.01920 | $0.01920 |
| Public Purpose Programs | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| Generation/DWR Power Charge | $0.06373 | $0.05347 | $0.05347 | $0.05347 | $0.05347 | $0.05347 | $0.06373 | $0.06373 | $0.06373 | $0.06373 | $0.06373 |
| CTC | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 |
| NSGC | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.11564** | $0.10176 | $0.10176 | $0.10176 | $0.10176 | $0.10176 | $0.11564 | $0.11564 | $0.11564 | $0.11564 | $0.11564 |
| | | $0.10176 | $0.10176 | $0.10176 | $0.10176 | $0.10176 | | | | | |
| **Dist Headroom/discount** | **$0.00306** | $0.00362 | $0.00362 | $0.00362 | $0.00362 | $0.00362 | | | | | |
| **Gen Headroom/ discount** | **$0.00869** | $0.01026 | $0.01026 | $0.01026 | $0.01026 | $0.01026 | | | | | |
| **Total discount** | | **$0.01388** | **$0.01388** | **$0.01388** | **$0.01388** | **$0.01388** | | | | | |
| Gen MC - DRA / PG&E (y1) | $0.07306 | $0.07085 | | | | | | | | | |
| Gen MC - DRA / PG&E (post 2014) | $0.05053 | $0.04832 | | | | | | | | | |
| Blended Gen MC - DRA / PG&E | $0.05504 | $0.05283 | | | | | | | | | |
| Dist MC (Constrained) | $0.01614 | | | | | | | | | | |
| Transmission | $0.00904 | | | | | | | | | | |
| **MC Floor (Constrained)** | **$0.08022** | 30.6% | | | | | | | | | |
| **MC Floor (Constrained+NBCs)** | **$0.10389** | 10.2% | | | | | | | | | |
| DRA Blended Gen MC proposal | | $0.05504 | $0.05504 | $0.05504 | $0.05504 | $0.05504 | $0.05504 | $0.05504 | $0.05504 | $0.05504 | $0.05504 |
| Dist MC (Constrained) | | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01614 |
| Transmission | | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 |
| **DRA MC Floor** | | **$0.08022** | **$0.08022** | **$0.08022** | **$0.08022** | **$0.08022** | **$0.08022** | **$0.08022** | **$0.08022** | **$0.08022** | **$0.08022** |
| CTM wrt DRA MC Floor | | $0.02154 | $0.02154 | $0.02154 | $0.02154 | $0.02154 | $0.03542 | $0.03542 | $0.03542 | $0.03542 | $0.03542 |
| **5 year PV CTM wrt DRA MC Floor** | **$0.08693** | | | | | | | | | | |
| **10 year PV CTM** | **$0.18602** | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| **5 year PV CTM** | **$744,797** | | | | | | | | | | |
| **10 year PV CTM** | **$1,593,823** | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03271 | $0.03271 | $0.03271 | $0.03271 | $0.03271 | $0.03271 | $0.03271 | $0.03271 | $0.03271 | $0.03271 | $0.03271 |
| (All rate components excpt. D&G) | | | | | | | | | | | |
| Total discounted rate | | $0.10176 | $0.10176 | $0.10176 | $0.10176 | $0.10176 | $0.11564 | $0.11564 | $0.11564 | $0.11564 | $0.11564 |
| Surplus/Deficit (re NBCs) | | $0.06905 | $0.06905 | $0.06905 | $0.06905 | $0.06905 | $0.08293 | $0.08293 | $0.08293 | $0.08293 | $0.08293 |
| **Marginal Energy Cost** | $0.03810 | | | | | | | | | | |
| **Marginal Distribution Cost** | $0.01614 | | | | | | | | | | |
| **DRA Modified Additive Price Floor** | **$0.08694** | | | | | | | | | | |
| Margin Above Modified Additive Price Floor | | $0.01482 | $0.01482 | $0.01482 | $0.01482 | $0.01482 | $0.02870 | $0.02870 | $0.02870 | $0.02870 | $0.02870 |
| **5 year PV Margin above Mod. Add. Floor** | **$0.05980** | | | | | | | | | | |
| **10 year PV Margin** | **$0.14009** | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| **5 year PV Margin (DRA MCs)** | **$512,378** | | | | | | | | | | |
| **10 year PV Margin (DRA MCs)** | **$1,200,260** | | | | | | | | | | |
| gen cap | $0.01694 | | | | | | | | | | |

| Standard EDR - Bundled Service (26Dec12) | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **E-20P --Un Constrained** | | 12% | 12% | 12% | 12% | 12% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 |
| Distribution | $0.01920 | $0.01558 | $0.01558 | $0.01558 | $0.01558 | $0.01558 | $0.01920 | $0.01920 | $0.01920 | $0.01920 | $0.01920 |
| Public Purpose Programs | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| Generation/DWR Power Charge | $0.06373 | $0.05347 | $0.05347 | $0.05347 | $0.05347 | $0.05347 | $0.06373 | $0.06373 | $0.06373 | $0.06373 | $0.06373 |
| CTC | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 |
| NSGC | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.11564** | $0.10176 | $0.10176 | $0.10176 | $0.10176 | $0.10176 | $0.11564 | $0.11564 | $0.11564 | $0.11564 | $0.11564 |
| | | $0.10176 | $0.10176 | $0.10176 | $0.10176 | $0.10176 | | | | | |
| **Dist Headroom (constr.)/ discount** | **$0.00306** | $0.00362 | $0.00362 | $0.00362 | $0.00362 | $0.00362 | | | | | |
| **Gen Headroom/ discount** | **$0.00869** | $0.01026 | $0.01026 | $0.01026 | $0.01026 | $0.01026 | | | | | |
| **Total discount** | | **$0.01388** | **$0.01388** | **$0.01388** | **$0.01388** | **$0.01388** | | | | | |
| Gen MC - DRA / PG&E (y1) | $0.07306 | $0.07085 | | | | | | | | | |
| Gen MC - DRA / PG&E (post 2014) | $0.05053 | $0.04832 | | | | | | | | | |
| Blended Gen MC - DRA / PG&E | $0.05504 | $0.05283 | | | | | | | | | |
| Dist MC (Unconstrained) | $0.00107 | | | | | | | | | | |
| Transmission | $0.00904 | | | | | | | | | | |
| **MC Floor (Unconstrained)** | **$0.06516** | 43.7% | | | | | | | | | |
| **MC Floor (Unconstrained+NBCs)** | **$0.08882** | 23.2% | | | | | | | | | |
| DRA Blended Gen MC proposal | | $0.05504 | $0.05504 | $0.05504 | $0.05504 | $0.05504 | $0.05504 | $0.05504 | $0.05504 | $0.05504 | $0.05504 |
| Dist MC (Unconstrained) | | $0.00107 | $0.00107 | $0.00107 | $0.00107 | $0.00107 | $0.00107 | $0.00107 | $0.00107 | $0.00107 | $0.00107 |
| Transmission | | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 |
| **DRA MC Floor** | | **$0.06516** | **$0.06516** | **$0.06516** | **$0.06516** | **$0.06516** | **$0.06516** | **$0.06516** | **$0.06516** | **$0.06516** | **$0.06516** |
| CTM wrt DRA MC Floor | | $0.03660 | $0.03660 | $0.03660 | $0.03660 | $0.03660 | $0.05048 | $0.05048 | $0.05048 | $0.05048 | $0.05048 |
| **5 year PV CTM wrt DRA MC Floor** | **$0.14771** | | | | | | | | | | |
| **10 year PV CTM** | **$0.28894** | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| **5 year PV CTM** | **$1,265,551** | | | | | | | | | | |
| **10 year PV CTM** | **$2,475,629** | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03271 | $0.03271 | $0.03271 | $0.03271 | $0.03271 | $0.03271 | $0.03271 | $0.03271 | $0.03271 | $0.03271 | $0.03271 |
| (All rate components excpt. D&G) | | | | | | | | | | | |
| Total discounted rate | | $0.10176 | $0.10176 | $0.10176 | $0.10176 | $0.10176 | $0.11564 | $0.11564 | $0.11564 | $0.11564 | $0.11564 |
| Surplus/Deficit (re NBCs) | | $0.06905 | $0.06905 | $0.06905 | $0.06905 | $0.06905 | $0.08293 | $0.08293 | $0.08293 | $0.08293 | $0.08293 |
| **Marginal Energy Cost** | $0.03810 | | | | | | | | | | |
| **Marginal Distribution Cost** | $0.00107 | | | | | | | | | | |
| **DRA Modified Additive Price Floor** | **$0.07188** | | | | | | | | | | |
| Margin Above Modified Additive Price Floor | | $0.02988 | $0.02988 | $0.02988 | $0.02988 | $0.02988 | $0.04376 | $0.04376 | $0.04376 | $0.04376 | $0.04376 |
| **5 year PV Margin above Mod. Add. Floor** | **$0.12058** | | | | | | | | | | |
| **10 year PV Margin** | **$0.24300** | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| **5 year PV Margin (DRA MCs)** | **$1,033,131** | | | | | | | | | | |
| **10 year PV Margin (DRA MCs)** | **$2,082,067** | | | | | | | | | | |
| gen cap | $0.01694 | | | | | | | | | | |

| Standard EDR - Bundled Service (26Dec12) | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **E-20S -- Constrained** | | 12% | 12% | 12% | 12% | 12% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 |
| Distribution | $0.02695 | $0.01799 | $0.01799 | $0.01799 | $0.01799 | $0.01799 | $0.02695 | $0.02695 | $0.02695 | $0.02695 | $0.02695 |
| Public Purpose Programs | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| Generation/DWR Power Charge | $0.06532 | $0.05905 | $0.05905 | $0.05905 | $0.05905 | $0.05905 | $0.06532 | $0.06532 | $0.06532 | $0.06532 | $0.06532 |
| CTC | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 |
| NSGC | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.12693** | $0.11170 | $0.11170 | $0.11170 | $0.11170 | $0.11170 | $0.12693 | $0.12693 | $0.12693 | $0.12693 | $0.12693 |
| | | $0.11170 | $0.11170 | $0.11170 | $0.11170 | $0.11170 | | | | | |
| **Dist Headroom (constr.)/ discount** | **$0.01010** | $0.00895 | $0.00895 | $0.00895 | $0.00895 | $0.00895 | | | | | |
| **Gen Headroom/ discount** | **$0.00708** | $0.00628 | $0.00628 | $0.00628 | $0.00628 | $0.00628 | | | | | |
| **Total discount** | | **$0.01523** | **$0.01523** | **$0.01523** | **$0.01523** | **$0.01523** | | | | | |
| Gen MC - DRA / PG&E (y1) | $0.07702 | $0.07460 | | | | | | | | | |
| Gen MC - DRA / PG&E (post 2014) | $0.05355 | $0.05113 | | | | | | | | | |
| Blended Gen MC - DRA / PG&E | $0.05824 | $0.05582 | | | | | | | | | |
| Dist MC (Constrained) | $0.01684 | | | | | | | | | | |
| Transmission | $0.00982 | | | | | | | | | | |
| **MC Floor (Constrained)** | **$0.08491** | 33.1% | | | | | | | | | |
| **MC Floor (Constrained+NBCs)** | **$0.10974** | 13.5% | | | | | | | | | |
| DRA Blended Gen MC proposal | | $0.05824 | $0.05824 | $0.05824 | $0.05824 | $0.05824 | $0.05824 | $0.05824 | $0.05824 | $0.05824 | $0.05824 |
| Dist MC (Constrained) | | $0.01684 | $0.01684 | $0.01684 | $0.01684 | $0.01684 | $0.01684 | $0.01684 | $0.01684 | $0.01684 | $0.01684 |
| Transmission | | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 |
| **DRA MC Floor** | | **$0.08491** | **$0.08491** | **$0.08491** | **$0.08491** | **$0.08491** | **$0.08491** | **$0.08491** | **$0.08491** | **$0.08491** | **$0.08491** |
| CTM wrt DRA MC Floor | | $0.02679 | $0.02679 | $0.02679 | $0.02679 | $0.02679 | $0.04202 | $0.04202 | $0.04202 | $0.04202 | $0.04202 |
| **5 year PV CTM wrt DRA MC Floor** | **$0.10811** | | | | | | | | | | |
| **10 year PV CTM** | **$0.22568** | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| **5 year PV CTM** | **$926,301** | | | | | | | | | | |
| **10 year PV CTM** | **$1,933,647** | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03466 | $0.03466 | $0.03466 | $0.03466 | $0.03466 | $0.03466 | $0.03466 | $0.03466 | $0.03466 | $0.03466 | $0.03466 |
| (All rate components excpt. D&G) | | | | | | | | | | | |
| Total discounted rate | | $0.11170 | $0.11170 | $0.11170 | $0.11170 | $0.11170 | $0.12693 | $0.12693 | $0.12693 | $0.12693 | $0.12693 |
| Surplus/Deficit (re NBCs) | | $0.07704 | $0.07704 | $0.07704 | $0.07704 | $0.07704 | $0.09227 | $0.09227 | $0.09227 | $0.09227 | $0.09227 |
| **Marginal Energy Cost** | $0.03969 | | | | | | | | | | |
| **Marginal Distribution Cost** | $0.01684 | | | | | | | | | | |
| **DRA Modified Additive Price Floor** | **$0.09119** | | | | | | | | | | |
| Margin Above Modified Additive Price Floor | | $0.02051 | $0.02051 | $0.02051 | $0.02051 | $0.02051 | $0.03574 | $0.03574 | $0.03574 | $0.03574 | $0.03574 |
| **5 year PV Margin above Mod. Add. Floor** | **$0.08275** | | | | | | | | | | |
| **10 year PV Margin** | **$0.18274** | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| **5 year PV Margin (DRA MCs)** | **$709,020** | | | | | | | | | | |
| **10 year PV Margin (DRA MCs)** | **$1,565,719** | | | | | | | | | | |
| gen cap | $0.01855 | | | | | | | | | | |

| Standard EDR - Bundled Service (26Dec12) | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **E-20S -- UnConstrained** | | 12% | 12% | 12% | 12% | 12% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 |
| Distribution | $0.02695 | $0.01799 | $0.01799 | $0.01799 | $0.01799 | $0.01799 | $0.02695 | $0.02695 | $0.02695 | $0.02695 | $0.02695 |
| Public Purpose Programs | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| Generation/DWR Power Charge | $0.06532 | $0.05905 | $0.05905 | $0.05905 | $0.05905 | $0.05905 | $0.06532 | $0.06532 | $0.06532 | $0.06532 | $0.06532 |
| CTC | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 |
| NSGC | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.12693** | $0.11170 | $0.11170 | $0.11170 | $0.11170 | $0.11170 | $0.12693 | $0.12693 | $0.12693 | $0.12693 | $0.12693 |
| | | | | | | | | | | | |
| **Dist Headroom (constr.)/ discount** | **$0.01010** | $0.00895 | $0.00895 | $0.00895 | $0.00895 | $0.00895 | | | | | |
| **Gen Headroom/ discount** | **$0.00708** | $0.00628 | $0.00628 | $0.00628 | $0.00628 | $0.00628 | | | | | |
| **Total discount** | | **$0.01523** | **$0.01523** | **$0.01523** | **$0.01523** | **$0.01523** | | | | | |
| Gen MC - DRA / PG&E (y1) | $0.07702 | $0.07460 | | | | | | | | | |
| Gen MC - DRA / PG&E (post 2014) | $0.05355 | $0.05113 | | | | | | | | | |
| Blended Gen MC - DRA / PG&E | $0.05824 | $0.05582 | | | | | | | | | |
| Dist MC (Unconstrained) | $0.00151 | | | | | | | | | | |
| Transmission | $0.00982 | | | | | | | | | | |
| **MC Floor (Unconstrained)** | **$0.06958** | 45.2% | | | | | | | | | |
| **MC Floor (Unconstrained+NBCs)** | **$0.09441** | 25.6% | | | | | | | | | |
| | | | | | | | | | | | |
| DRA Blended Gen MC proposal | | $0.05824 | $0.05824 | $0.05824 | $0.05824 | $0.05824 | $0.05824 | $0.05824 | $0.05824 | $0.05824 | $0.05824 |
| Dist MC (Unconstrained) | | $0.00151 | $0.00151 | $0.00151 | $0.00151 | $0.00151 | $0.00151 | $0.00151 | $0.00151 | $0.00151 | $0.00151 |
| Transmission | | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 |
| | | | | | | | | | | | |
| **DRA MC Floor** | | **$0.06958** | **$0.06958** | **$0.06958** | **$0.06958** | **$0.06958** | **$0.06958** | **$0.06958** | **$0.06958** | **$0.06958** | **$0.06958** |
| CTM wrt DRA MC Floor | | $0.04212 | $0.04212 | $0.04212 | $0.04212 | $0.04212 | $0.05735 | $0.05735 | $0.05735 | $0.05735 | $0.05735 |
| **5 year PV CTM wrt DRA MC Floor** | **$0.16997** | | | | | | | | | | |
| **10 year PV CTM** | **$0.33043** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV CTM** | **$1,456,330** | | | | | | | | | | |
| **10 year PV CTM** | **$2,831,160** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03466 | $0.03466 | $0.03466 | $0.03466 | $0.03466 | $0.03466 | $0.03466 | $0.03466 | $0.03466 | $0.03466 | $0.03466 |
| (All rate components excpt. D&G) | | | | | | | | | | | |
| Total discounted rate | | $0.11170 | $0.11170 | $0.11170 | $0.11170 | $0.11170 | $0.12693 | $0.12693 | $0.12693 | $0.12693 | $0.12693 |
| Surplus/Deficit (re NBCs) | | $0.07704 | $0.07704 | $0.07704 | $0.07704 | $0.07704 | $0.09227 | $0.09227 | $0.09227 | $0.09227 | $0.09227 |
| **Marginal Energy Cost** | $0.03969 | | | | | | | | | | |
| **Marginal Distribution Cost** | $0.00151 | | | | | | | | | | |
| **DRA Modified Additive Price Floor** | **$0.07586** | | | | | | | | | | |
| Margin Above Modified Additive Price Floor | | $0.03584 | $0.03584 | $0.03584 | $0.03584 | $0.03584 | $0.05107 | $0.05107 | $0.05107 | $0.05107 | $0.05107 |
| **5 year PV Margin above Mod. Add. Floor** | **$0.14461** | | | | | | | | | | |
| **10 year PV Margin** | **$0.28749** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV Margin (DRA MCs)** | **$1,239,049** | | | | | | | | | | |
| **10 year PV Margin (DRA MCs)** | **$2,463,233** | | | | | | | | | | |

| Standard EDR - Bundled Service (26Dec12) | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **E-19P -- Constrained** | | 12% | 12% | 12% | 12% | 12% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 |
| Distribution | $0.02557 | $0.02077 | $0.02077 | $0.02077 | $0.02077 | $0.02077 | $0.02557 | $0.02557 | $0.02557 | $0.02557 | $0.02557 |
| Public Purpose Programs | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| Generation/DWR Power Charge | $0.06731 | $0.05680 | $0.05680 | $0.05680 | $0.05680 | $0.05680 | $0.06731 | $0.06731 | $0.06731 | $0.06731 | $0.06731 |
| CTC | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 |
| NSGC | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.12757** | $0.11226 | $0.11226 | $0.11226 | $0.11226 | $0.11226 | $0.12757 | $0.12757 | $0.12757 | $0.12757 | $0.12757 |
| | | $0.11226 | $0.11226 | $0.11226 | $0.11226 | $0.11226 | | | | | |
| **Dist Headroom (constr.)/ discount** | **$0.00503** | $0.00479 | $0.00479 | $0.00479 | $0.00479 | $0.00479 | | | | | |
| **Gen Headroom/ discount** | **$0.01103** | $0.01052 | $0.01052 | $0.01052 | $0.01052 | $0.01052 | | | | | |
| **Total discount** | | **$0.01531** | **$0.01531** | **$0.01531** | **$0.01531** | **$0.01531** | | | | | |
| Gen MC - DRA / PG&E (y1) | $0.07441 | $0.07206 | | | | | | | | | |
| Gen MC - DRA / PG&E (post 2014) | $0.05176 | $0.04941 | | | | | | | | | |
| Blended Gen MC - DRA / PG&E | $0.05629 | $0.05394 | | | | | | | | | |
| Dist MC (Constrained) | $0.02054 | | | | | | | | | | |
| Transmission | $0.01008 | | | | | | | | | | |
| **MC Floor (Constrained)** | **$0.08690** | 31.9% | | | | | | | | | |
| **MC Floor (Constrained+NBCs)** | **$0.11151** | 12.6% | | | | | | | | | |
| DRA Blended Gen MC proposal | | $0.05629 | $0.05629 | $0.05629 | $0.05629 | $0.05629 | $0.05629 | $0.05629 | $0.05629 | $0.05629 | $0.05629 |
| Dist MC (Constrained) | | $0.02054 | $0.02054 | $0.02054 | $0.02054 | $0.02054 | $0.02054 | $0.02054 | $0.02054 | $0.02054 | $0.02054 |
| Transmission | | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 |
| **DRA MC Floor** | | **$0.08690** | **$0.08690** | **$0.08690** | **$0.08690** | **$0.08690** | **$0.08690** | **$0.08690** | **$0.08690** | **$0.08690** | **$0.08690** |
| CTM wrt DRA MC Floor | | $0.02536 | $0.02536 | $0.02536 | $0.02536 | $0.02536 | $0.04066 | $0.04066 | $0.04066 | $0.04066 | $0.04066 |
| **5 year PV CTM wrt DRA MC Floor** | **$0.10232** | | | | | | | | | | |
| **10 year PV CTM** | **$0.21609** | | | | | | | | | | |
| **Annual sales (kWh)** | **2,000,000** | | | | | | | | | | |
| **5 year PV CTM** | **$204,636** | | | | | | | | | | |
| **10 year PV CTM** | **$432,171** | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 |
| (All rate components excpt. D&G) | | | | | | | | | | | |
| Total discounted rate | | $0.11226 | $0.11226 | $0.11226 | $0.11226 | $0.11226 | $0.12757 | $0.12757 | $0.12757 | $0.12757 | $0.12757 |
| Surplus/Deficit (re NBCs) | | $0.07757 | $0.07757 | $0.07757 | $0.07757 | $0.07757 | $0.09288 | $0.09288 | $0.09288 | $0.09288 | $0.09288 |
| **Marginal Energy Cost** | $0.03831 | | | | | | | | | | |
| **Marginal Distribution Cost** | $0.02054 | | | | | | | | | | |
| **DRA Modified Additive Price Floor** | **$0.09353** | | | | | | | | | | |
| Margin Above Modified Additive Price Floor | | $0.01873 | $0.01873 | $0.01873 | $0.01873 | $0.01873 | $0.03404 | $0.03404 | $0.03404 | $0.03404 | $0.03404 |
| **5 year PV Margin above Mod. Add. Floor** | **$0.07557** | | | | | | | | | | |
| **10 year PV Margin** | **$0.17079** | | | | | | | | | | |
| **Annual sales (kWh)** | **2,000,000** | | | | | | | | | | |
| **5 year PV Margin (DRA MCs)** | **$151,133** | | | | | | | | | | |
| **10 year PV Margin (DRA MCs)** | **$341,572** | | | | | | | | | | |
| gen cap | $0.01798 | | | | | | | | | | |

| Standard EDR - Bundled Service (26Dec12) | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **E-19P -- UnConstrained** | | 12% | 12% | 12% | 12% | 12% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 |
| Distribution | $0.02557 | $0.02077 | $0.02077 | $0.02077 | $0.02077 | $0.02077 | $0.02557 | $0.02557 | $0.02557 | $0.02557 | $0.02557 |
| Public Purpose Programs | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| Generation/DWR Power Charge | $0.06731 | $0.05680 | $0.05680 | $0.05680 | $0.05680 | $0.05680 | $0.06731 | $0.06731 | $0.06731 | $0.06731 | $0.06731 |
| CTC | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 |
| NSGC | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.12757** | $0.11226 | $0.11226 | $0.11226 | $0.11226 | $0.11226 | $0.12757 | $0.12757 | $0.12757 | $0.12757 | $0.12757 |
| | | | | | | | | | | | |
| **Dist Headroom (constr.)/ discount** | **$0.00503** | $0.00479 | $0.00479 | $0.00479 | $0.00479 | $0.00479 | | | | | |
| **Gen Headroom/ discount** | **$0.01103** | $0.01052 | $0.01052 | $0.01052 | $0.01052 | $0.01052 | | | | | |
| **Total discount** | | **$0.01531** | **$0.01531** | **$0.01531** | **$0.01531** | **$0.01531** | | | | | |
| Gen MC - DRA / PG&E (y1) | $0.07441 | $0.07206 | | | | | | | | | |
| Gen MC - DRA / PG&E (post 2014) | $0.05176 | $0.04941 | | | | | | | | | |
| Blended Gen MC - DRA / PG&E | $0.05629 | $0.05394 | | | | | | | | | |
| Dist MC (Unconstrained) | $0.00352 | | | | | | | | | | |
| Transmission | $0.01008 | | | | | | | | | | |
| **MC Floor (Unconstrained)** | **$0.06988** | 45.2% | | | | | | | | | |
| **MC Floor (Unconstrained+NBCs)** | **$0.09449** | 25.9% | | | | | | | | | |
| | | | | | | | | | | | |
| DRA Blended Gen MC proposal | | $0.05629 | $0.05629 | $0.05629 | $0.05629 | $0.05629 | $0.05629 | $0.05629 | $0.05629 | $0.05629 | $0.05629 |
| Dist MC (Unconstrained) | | $0.00352 | $0.00352 | $0.00352 | $0.00352 | $0.00352 | $0.00352 | $0.00352 | $0.00352 | $0.00352 | $0.00352 |
| Transmission | | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 |
| | | | | | | | | | | | |
| **DRA MC Floor** | | **$0.06988** | **$0.06988** | **$0.06988** | **$0.06988** | **$0.06988** | **$0.06988** | **$0.06988** | **$0.06988** | **$0.06988** | **$0.06988** |
| CTM wrt DRA MC Floor | | $0.04238 | $0.04238 | $0.04238 | $0.04238 | $0.04238 | $0.05769 | $0.05769 | $0.05769 | $0.05769 | $0.05769 |
| **5 year PV CTM wrt DRA MC Floor** | **$0.17101** | | | | | | | | | | |
| **10 year PV CTM** | **$0.33241** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **2,000,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV CTM** | **$342,024** | | | | | | | | | | |
| **10 year PV CTM** | **$664,813** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 |
| (All rate components excpt. D&G) | | | | | | | | | | | |
| Total discounted rate | | $0.11226 | $0.11226 | $0.11226 | $0.11226 | $0.11226 | $0.12757 | $0.12757 | $0.12757 | $0.12757 | $0.12757 |
| Surplus/Deficit (re NBCs) | | $0.07757 | $0.07757 | $0.07757 | $0.07757 | $0.07757 | $0.09288 | $0.09288 | $0.09288 | $0.09288 | $0.09288 |
| **Marginal Energy Cost** | $0.03831 | | | | | | | | | | |
| **Marginal Distribution Cost** | $0.00352 | | | | | | | | | | |
| **DRA Modified Additive Price Floor** | **$0.07651** | | | | | | | | | | |
| Margin Above Modified Additive Price Floor | | $0.03575 | $0.03575 | $0.03575 | $0.03575 | $0.03575 | $0.05106 | $0.05106 | $0.05106 | $0.05106 | $0.05106 |
| **5 year PV Margin above Mod. Add. Floor** | **$0.14426** | | | | | | | | | | |
| **10 year PV Margin** | **$0.28711** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **2,000,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV Margin (DRA MCs)** | **$288,520** | | | | | | | | | | |
| **10 year PV Margin (DRA MCs)** | **$574,214** | | | | | | | | | | |
| Generation capacity | $0.01798 | | | | | | | | | | |

| Standard EDR - Bundled Service (26Dec12) | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **E-19S -- Constrained** | | 12% | 12% | 12% | 12% | 12% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 |
| Distribution | $0.03241 | $0.02394 | $0.02394 | $0.02394 | $0.02394 | $0.02394 | $0.03241 | $0.03241 | $0.03241 | $0.03241 | $0.03241 |
| Public Purpose Programs | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| Generation/DWR Power Charge | $0.07072 | $0.06254 | $0.06254 | $0.06254 | $0.06254 | $0.06254 | $0.07072 | $0.07072 | $0.07072 | $0.07072 | $0.07072 |
| CTC | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 |
| NSGC | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.13873** | $0.12209 | $0.12209 | $0.12209 | $0.12209 | $0.12209 | $0.13873 | $0.13873 | $0.13873 | $0.13873 | $0.13873 |
| | | $0.12209 | $0.12209 | $0.12209 | $0.12209 | $0.12209 | | | | | |
| **Dist Headroom (constr.)/ discount** | **$0.01038** | $0.00847 | $0.00847 | $0.00847 | $0.00847 | $0.00847 | | | | | |
| **Gen Headroom/ discount** | **$0.01003** | $0.00818 | $0.00818 | $0.00818 | $0.00818 | $0.00818 | | | | | |
| **Total discount** | | **$0.01665** | **$0.01665** | **$0.01665** | **$0.01665** | **$0.01665** | | | | | |
| Gen MC - DRA / PG&E (y1) | $0.07956 | $0.07684 | | | | | | | | | |
| Gen MC - DRA / PG&E (post 2014) | $0.05598 | $0.05326 | | | | | | | | | |
| Blended Gen MC - DRA / PG&E | $0.06069 | $0.05798 | | | | | | | | | |
| Dist MC (Constrained) | $0.02203 | | | | | | | | | | |
| Transmission | $0.01009 | | | | | | | | | | |
| **MC Floor (Constrained)** | **$0.09282** | 33.1% | | | | | | | | | |
| **MC Floor (Constrained+NBCs)** | **$0.11833** | 14.7% | | | | | | | | | |
| DRA Blended Gen MC proposal | | $0.06069 | $0.06069 | $0.06069 | $0.06069 | $0.06069 | $0.06069 | $0.06069 | $0.06069 | $0.06069 | $0.06069 |
| Dist MC (Constrained) | | $0.02203 | $0.02203 | $0.02203 | $0.02203 | $0.02203 | $0.02203 | $0.02203 | $0.02203 | $0.02203 | $0.02203 |
| Transmission | | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 |
| **DRA MC Floor** | | **$0.09282** | **$0.09282** | **$0.09282** | **$0.09282** | **$0.09282** | **$0.09282** | **$0.09282** | **$0.09282** | **$0.09282** | **$0.09282** |
| CTM wrt DRA MC Floor | | $0.02927 | $0.02927 | $0.02927 | $0.02927 | $0.02927 | $0.04592 | $0.04592 | $0.04592 | $0.04592 | $0.04592 |
| **5 year PV CTM wrt DRA MC Floor** | **$0.11812** | | | | | | | | | | |
| **10 year PV CTM** | **$0.24658** | | | | | | | | | | |
| **Annual sales (kWh)** | **2,000,000** | | | | | | | | | | |
| **5 year PV CTM** | **$236,230** | | | | | | | | | | |
| **10 year PV CTM** | **$493,168** | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03561 | $0.03561 | $0.03561 | $0.03561 | $0.03561 | $0.03561 | $0.03561 | $0.03561 | $0.03561 | $0.03561 | $0.03561 |
| (All rate components excpt. D&G) | | | | | | | | | | | |
| Total discounted rate | | $0.12209 | $0.12209 | $0.12209 | $0.12209 | $0.12209 | $0.13873 | $0.13873 | $0.13873 | $0.13873 | $0.13873 |
| Surplus/Deficit (re NBCs) | | $0.08648 | $0.08648 | $0.08648 | $0.08648 | $0.08648 | $0.10313 | $0.10313 | $0.10313 | $0.10313 | $0.10313 |
| **Marginal Energy Cost** | $0.03986 | | | | | | | | | | |
| **Marginal Distribution Cost** | $0.02203 | | | | | | | | | | |
| **DRA Modified Additive Price Floor** | **$0.09750** | | | | | | | | | | |
| Margin Above Modified Additive Price Floor | | $0.02459 | $0.02459 | $0.02459 | $0.02459 | $0.02459 | $0.04124 | $0.04124 | $0.04124 | $0.04124 | $0.04124 |
| **5 year PV Margin above Mod. Add. Floor** | **$0.09921** | | | | | | | | | | |
| **10 year PV Margin** | **$0.21458** | | | | | | | | | | |
| **Annual sales (kWh)** | **2,000,000** | | | | | | | | | | |
| **5 year PV Margin (DRA MCs)** | **$198,428** | | | | | | | | | | |
| **10 year PV Margin (DRA MCs)** | **$429,157** | | | | | | | | | | |
| Generation capacity | $0.02083 | | | | | | | | | | |

| Standard EDR - Bundled Service (26Dec12) | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **E-19S -- UnConstrained** | | 12% | 12% | 12% | 12% | 12% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 |
| Distribution | $0.03241 | $0.02394 | $0.02394 | $0.02394 | $0.02394 | $0.02394 | $0.03241 | $0.03241 | $0.03241 | $0.03241 | $0.03241 |
| Public Purpose Programs | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| Generation/DWR Power Charge | $0.07072 | $0.06254 | $0.06254 | $0.06254 | $0.06254 | $0.06254 | $0.07072 | $0.07072 | $0.07072 | $0.07072 | $0.07072 |
| CTC | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 |
| NSGC | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.13873** | $0.12209 | $0.12209 | $0.12209 | $0.12209 | $0.12209 | $0.13873 | $0.13873 | $0.13873 | $0.13873 | $0.13873 |
| | | $0.12209 | $0.12209 | $0.12209 | $0.12209 | $0.12209 | | | | | |
| **Dist Headroom (constr.)/ discount** | **$0.01038** | $0.00847 | $0.00847 | $0.00847 | $0.00847 | $0.00847 | | | | | |
| **Gen Headroom/ discount** | **$0.01003** | $0.00818 | $0.00818 | $0.00818 | $0.00818 | $0.00818 | | | | | |
| **Total discount** | | **$0.01665** | **$0.01665** | **$0.01665** | **$0.01665** | **$0.01665** | | | | | |
| Gen MC - DRA / PG&E (y1) | $0.07956 | $0.07684 | | | | | | | | | |
| Gen MC - DRA / PG&E (post 2014) | $0.05598 | $0.05326 | | | | | | | | | |
| Blended Gen MC - DRA / PG&E | $0.06069 | $0.05798 | | | | | | | | | |
| Dist MC (Unconstrained) | $0.00406 | | | | | | | | | | |
| Transmission | $0.01009 | | | | | | | | | | |
| **MC Floor (Unconstrained)** | **$0.07484** | 46.1% | | | | | | | | | |
| **MC Floor (Unconstrained+NBCs)** | **$0.10036** | 27.7% | | | | | | | | | |
| DRA Blended Gen MC proposal | | $0.06069 | $0.06069 | $0.06069 | $0.06069 | $0.06069 | $0.06069 | $0.06069 | $0.06069 | $0.06069 | $0.06069 |
| Dist MC (Unconstrained) | | $0.00406 | $0.00406 | $0.00406 | $0.00406 | $0.00406 | $0.00406 | $0.00406 | $0.00406 | $0.00406 | $0.00406 |
| Transmission | | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 |
| **DRA MC Floor** | | **$0.07484** | **$0.07484** | **$0.07484** | **$0.07484** | **$0.07484** | **$0.07484** | **$0.07484** | **$0.07484** | **$0.07484** | **$0.07484** |
| CTM wrt DRA MC Floor | | $0.04725 | $0.04725 | $0.04725 | $0.04725 | $0.04725 | $0.06389 | $0.06389 | $0.06389 | $0.06389 | $0.06389 |
| **5 year PV CTM wrt DRA MC Floor** | **$0.19064** | | | | | | | | | | |
| **10 year PV CTM** | **$0.36940** | | | | | | | | | | |
| **Annual sales (kWh)** | **2,000,000** | | | | | | | | | | |
| **5 year PV CTM** | **$381,283** | | | | | | | | | | |
| **10 year PV CTM** | **$738,791** | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03561 | $0.03561 | $0.03561 | $0.03561 | $0.03561 | $0.03561 | $0.03561 | $0.03561 | $0.03561 | $0.03561 | $0.03561 |
| (All rate components excpt. D&G) | | | | | | | | | | | |
| Total discounted rate | | $0.12209 | $0.12209 | $0.12209 | $0.12209 | $0.12209 | $0.13873 | $0.13873 | $0.13873 | $0.13873 | $0.13873 |
| Surplus/Deficit (re NBCs) | | $0.08648 | $0.08648 | $0.08648 | $0.08648 | $0.08648 | $0.10313 | $0.10313 | $0.10313 | $0.10313 | $0.10313 |
| **Marginal Energy Cost** | $0.03986 | | | | | | | | | | |
| **Marginal Distribution Cost** | $0.00406 | | | | | | | | | | |
| **DRA Modified Additive Price Floor** | **$0.07953** | | | | | | | | | | |
| Margin Above Modified Additive Price Floor | | $0.04256 | $0.04256 | $0.04256 | $0.04256 | $0.04256 | $0.05921 | $0.05921 | $0.05921 | $0.05921 | $0.05921 |
| **5 year PV Margin above Mod. Add. Floor** | **$0.17174** | | | | | | | | | | |
| **10 year PV Margin** | **$0.33739** | | | | | | | | | | |
| **Annual sales (kWh)** | **2,000,000** | | | | | | | | | | |
| **5 year PV Margin (DRA MCs)** | **$343,482** | | | | | | | | | | |
| **10 year PV Margin (DRA MCs)** | **$674,780** | | | | | | | | | | |
| Generation capacity | $0.02083 | | | | | | | | | | |

| Standard EDR - Bundled Service (26Dec12) | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **A-10S -- Constrained** | | 12% | 12% | 12% | 12% | 12% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 |
| Distribution | $0.03908 | $0.02851 | $0.02851 | $0.02851 | $0.02851 | $0.02851 | $0.03908 | $0.03908 | $0.03908 | $0.03908 | $0.03908 |
| Public Purpose Programs | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| Generation/DWR Power Charge | $0.07519 | $0.06725 | $0.06725 | $0.06725 | $0.06725 | $0.06725 | $0.07519 | $0.07519 | $0.07519 | $0.07519 | $0.07519 |
| CTC | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 |
| NSGC | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 |
| DWR Bond Charge | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 |
| **Total** | **$0.15423** | $0.13572 | $0.13572 | $0.13572 | $0.13572 | $0.13572 | $0.15423 | $0.15423 | $0.15423 | $0.15423 | $0.15423 |
| | | $0.13572 | $0.13572 | $0.13572 | $0.13572 | $0.13572 | | | | | |
| **Dist Headroom (constr.)/ discount** | **$0.01500** | $0.01056 | $0.01056 | $0.01056 | $0.01056 | $0.01056 | | | | | |
| **Gen Headroom/ discount** | **$0.01128** | $0.00794 | $0.00794 | $0.00794 | $0.00794 | $0.00794 | | | | | |
| **Total discount** | | **$0.01851** | **$0.01851** | **$0.01851** | **$0.01851** | **$0.01851** | | | | | |
| Gen MC - DRA / PG&E (y1) | $0.08300 | $0.07993 | | | | | | | | | |
| Gen MC - DRA / PG&E (post 2014) | $0.05914 | $0.05607 | | | | | | | | | |
| Blended Gen MC - DRA / PG&E | $0.06391 | $0.06084 | | | | | | | | | |
| Dist MC (Constrained) | $0.02408 | | | | | | | | | | |
| Transmission | $0.01304 | | | | | | | | | | |
| **MC Floor (Constrained)** | **$0.10103** | 34.5% | | | | | | | | | |
| **MC Floor (Constrained+NBCs)** | **$0.12795** | 17.0% | | | | | | | | | |
| DRA Blended Gen MC proposal | | $0.06391 | $0.06391 | $0.06391 | $0.06391 | $0.06391 | $0.06391 | $0.06391 | $0.06391 | $0.06391 | $0.06391 |
| Dist MC (Constrained) | | $0.02408 | $0.02408 | $0.02408 | $0.02408 | $0.02408 | $0.02408 | $0.02408 | $0.02408 | $0.02408 | $0.02408 |
| Transmission | | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 |
| **DRA MC Floor** | | **$0.10103** | **$0.10103** | **$0.10103** | **$0.10103** | **$0.10103** | **$0.10103** | **$0.10103** | **$0.10103** | **$0.10103** | **$0.10103** |
| CTM wrt DRA MC Floor | | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.03469 | $0.05320 | $0.05320 | $0.05320 | $0.05320 | $0.05320 |
| **5 year PV CTM wrt DRA MC Floor** | **$0.13999** | | | | | | | | | | |
| **10 year PV CTM** | **$0.28882** | | | | | | | | | | |
| **Annual sales (kWh)** | **900,000** | | | | | | | | | | |
| **5 year PV CTM** | **$125,989** | | | | | | | | | | |
| **10 year PV CTM** | **$259,940** | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03996 | $0.03996 | $0.03996 | $0.03996 | $0.03996 | $0.03996 | $0.03996 | $0.03996 | $0.03996 | $0.03996 | $0.03996 |
| (All rate components excpt. D&G) | | | | | | | | | | | |
| Total discounted rate | | $0.13572 | $0.13572 | $0.13572 | $0.13572 | $0.13572 | $0.15423 | $0.15423 | $0.15423 | $0.15423 | $0.15423 |
| Surplus/Deficit (re NBCs) | | $0.09576 | $0.09576 | $0.09576 | $0.09576 | $0.09576 | $0.11427 | $0.11427 | $0.11427 | $0.11427 | $0.11427 |
| **Marginal Energy Cost** | $0.04035 | | | | | | | | | | |
| **Marginal Distribution Cost** | $0.02408 | | | | | | | | | | |
| **DRA Modified Additive Price Floor** | **$0.10439** | | | | | | | | | | |
| Margin Above Modified Additive Price Floor | | $0.03133 | $0.03133 | $0.03133 | $0.03133 | $0.03133 | $0.04984 | $0.04984 | $0.04984 | $0.04984 | $0.04984 |
| **5 year PV Margin above Mod. Add. Floor** | **$0.12644** | | | | | | | | | | |
| **10 year PV Margin** | **$0.26587** | | | | | | | | | | |
| **Annual sales (kWh)** | **900,000** | | | | | | | | | | |
| **5 year PV Margin (DRA MCs)** | **$113,792** | | | | | | | | | | |
| **10 year PV Margin (DRA MCs)** | **$239,287** | | | | | | | | | | |
| Generation capacity | $0.02356 | | | | | | | | | | |

| Standard EDR - Bundled Service (26Dec12) | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **A-10S –UnConstrained** | | 12% | 12% | 12% | 12% | 12% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 |
| Distribution | $0.03908 | $0.02851 | $0.02851 | $0.02851 | $0.02851 | $0.02851 | $0.03908 | $0.03908 | $0.03908 | $0.03908 | $0.03908 |
| Public Purpose Programs | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| Generation/DWR Power Charge | $0.07519 | $0.06725 | $0.06725 | $0.06725 | $0.06725 | $0.06725 | $0.07519 | $0.07519 | $0.07519 | $0.07519 | $0.07519 |
| CTC | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 |
| NSGC | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 |
| DWR Bond Charge | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 |
| **Total** | **$0.15423** | $0.13572 | $0.13572 | $0.13572 | $0.13572 | $0.13572 | $0.15423 | $0.15423 | $0.15423 | $0.15423 | $0.15423 |
| | | $0.13572 | $0.13572 | $0.13572 | $0.13572 | $0.13572 | | | | | |
| **Dist Headroom (constr.)/ discount** | **$0.01500** | $0.01056 | $0.01056 | $0.01056 | $0.01056 | $0.01056 | | | | | |
| **Gen Headroom/ discount** | **$0.01128** | $0.00794 | $0.00794 | $0.00794 | $0.00794 | $0.00794 | | | | | |
| **Total discount** | | **$0.01851** | **$0.01851** | **$0.01851** | **$0.01851** | **$0.01851** | | | | | |
| Gen MC - DRA / PG&E (y1) | $0.08300 | $0.07993 | | | | | | | | | |
| Gen MC - DRA / PG&E (post 2014) | $0.05914 | $0.05607 | | | | | | | | | |
| Blended Gen MC - DRA / PG&E | $0.06391 | $0.06084 | | | | | | | | | |
| Dist MC (Unconstrained) | $0.00374 | | | | | | | | | | |
| Transmission | $0.01304 | | | | | | | | | | |
| **MC Floor (Unconstrained)** | **$0.08069** | 47.7% | | | | | | | | | |
| **MC Floor (Unconstrained+NBCs)** | **$0.10761** | 30.2% | | | | | | | | | |
| | | | | | | | | | | | |
| DRA Blended Gen MC proposal | | $0.06391 | $0.06391 | $0.06391 | $0.06391 | $0.06391 | $0.06391 | $0.06391 | $0.06391 | $0.06391 | $0.06391 |
| Dist MC (Unconstrained) | | $0.00374 | $0.00374 | $0.00374 | $0.00374 | $0.00374 | $0.00374 | $0.00374 | $0.00374 | $0.00374 | $0.00374 |
| Transmission | | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 |
| | | | | | | | | | | | |
| **DRA MC Floor** | | **$0.08069** | **$0.08069** | **$0.08069** | **$0.08069** | **$0.08069** | **$0.08069** | **$0.08069** | **$0.08069** | **$0.08069** | **$0.08069** |
| CTM wrt DRA MC Floor | | $0.05503 | $0.05503 | $0.05503 | $0.05503 | $0.05503 | $0.07354 | $0.07354 | $0.07354 | $0.07354 | $0.07354 |
| **5 year PV CTM wrt DRA MC Floor** | **$0.22207** | | | | | | | | | | |
| **10 year PV CTM** | **$0.42781** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **900,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV CTM** | **$199,861** | | | | | | | | | | |
| **10 year PV CTM** | **$385,030** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03996 | $0.03996 | $0.03996 | $0.03996 | $0.03996 | $0.03996 | $0.03996 | $0.03996 | $0.03996 | $0.03996 | $0.03996 |
| (All rate components excpt. D&G) | | | | | | | | | | | |
| Total discounted rate | | $0.13572 | $0.13572 | $0.13572 | $0.13572 | $0.13572 | $0.15423 | $0.15423 | $0.15423 | $0.15423 | $0.15423 |
| Surplus/Deficit (re NBCs) | | $0.09576 | $0.09576 | $0.09576 | $0.09576 | $0.09576 | $0.11427 | $0.11427 | $0.11427 | $0.11427 | $0.11427 |
| **Marginal Energy Cost** | $0.04035 | | | | | | | | | | |
| **Marginal Dristribution Cost** | $0.00374 | | | | | | | | | | |
| **DRA Modified Additive Price Floor** | **$0.08405** | | | | | | | | | | |
| Margin Above Modified Additive Price Floor | | $0.05167 | $0.05167 | $0.05167 | $0.05167 | $0.05167 | $0.07018 | $0.07018 | $0.07018 | $0.07018 | $0.07018 |
| **5 year PV Margin above Mod. Add. Floor** | **$0.20852** | | | | | | | | | | |
| **10 year PV Margin** | **$0.40486** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **900,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV Margin (DRA MCs)** | **$187,665** | | | | | | | | | | |
| **10 year PV Margin (DRA MCs)** | **$364,377** | | | | | | | | | | |

Floors V3 and V4

| Floor F3 | E-20T | E-20P | E-20S | E-19P | E-19S | A-10S |
|---|---|---|---|---|---|---|
| Public Purpose Programs | 0.012043 | 0.013631 | 0.014587 | 0.013980 | 0.014884 | 0.015550 |
| Nuclear Decommissiong | 0.000546 | 0.000546 | 0.000546 | 0.000546 | 0.000546 | 0.000550 |
| CTC | 0.003175 | 0.003558 | 0.003772 | 0.004000 | 0.004000 | 0.004760 |
| NSGC | 0.000801 | 0.000801 | 0.000801 | 0.000954 | 0.000954 | 0.000950 |
| Transmission | 0.009952 | 0.009044 | 0.009824 | 0.010077 | 0.010091 | 0.013040 |
| DWR Bond Charge | 0.005130 | 0.005130 | 0.005130 | 0.005130 | 0.005130 | 0.005110 |
| SR MC Gen Energy | 0.036953 | 0.038097 | 0.039689 | 0.038305 | 0.039864 | 0.040350 |
| **Floor "F3"** | 0.068600 | 0.070807 | 0.074349 | 0.072993 | 0.075469 | 0.080310 |
| **Max Discount** | 25% | 39% | 41% | 43% | 46% | 48% |

| **SR MR Gen Energy** | | | | | | |
|---|---|---|---|---|---|---|
| **Year 1** | **E-20T** | **E-20P** | **E-20S** | **E-19P** | **E-19S** | **A-10S** |
| Gen Energy MC Yr 1 | 180,835,787 | 256,466,844 | 127,342,906 | 34,028,064 | 199,604,600 | 615,650,634 |
| Bundled kwh | 3,322,061,890 | 4,569,928,988 | 2,178,025,638 | 603,033,088 | 3,398,969,242 | 10,357,282,268 |
| Yr 1 Ave Gen Energy MC | 0.054435 | 0.056121 | 0.058467 | 0.056428 | 0.058725 | 0.059441 |
| **Year 2-10** | **E-20T** | **E-20P** | **E-20S** | **E-19P** | **E-19S** | **A-10S** |
| Indexed Gen Energy MCrev | 108,241,212 | 153,506,675 | 76,217,996 | 20,367,253 | 119,468,415 | 368,483,133 |
| Bundled kwh | 3,322,061,890 | 4,569,928,988 | 2,178,025,638 | 603,033,088 | 3,398,969,242 | 10,357,282,268 |
| Yr 2-10 Ave Gen Energy MC | 0.032583 | 0.033591 | 0.034994 | 0.033775 | 0.035148 | 0.035577 |
| **Blended Energy MC** | 0.036953 | 0.038097 | 0.039689 | 0.038305 | 0.039864 | 0.040350 |

| **Floor F4 - Constrained** | E-20T | E-20P | E-20S | E-19P | E-19S | A-10S |
|---|---|---|---|---|---|---|
| Public Purpose Programs | 0.012043 | 0.013631 | 0.014587 | 0.013980 | 0.014884 | 0.015550 |
| Nuclear Decommissiong | 0.000546 | 0.000546 | 0.000546 | 0.000546 | 0.000546 | 0.000550 |
| CTC | 0.003175 | 0.003558 | 0.003772 | 0.004000 | 0.004000 | 0.004760 |
| NSGC | 0.000801 | 0.000801 | 0.000801 | 0.000954 | 0.000954 | 0.000950 |
| Transmission | 0.009952 | 0.009044 | 0.009824 | 0.010077 | 0.010091 | 0.013040 |
| DWR Bond Charge | 0.005130 | 0.005130 | 0.005130 | 0.005130 | 0.005130 | 0.005110 |
| SR MC Gen Energy | 0.036953 | 0.038097 | 0.039689 | 0.038305 | 0.039864 | 0.040350 |
| Distribution (constrained) | 0.000816 | 0.016137 | 0.016844 | 0.020540 | 0.022030 | 0.024076 |
| **Floor F4** | **0.069416** | **0.086944** | **0.091192** | **0.093532** | **0.097499** | **0.104386** |
| Full Tariff | 0.091950 | 0.115641 | 0.126932 | 0.127567 | 0.138735 | 0.154227 |
| Max Discount | 25% | 25% | 28% | 27% | 30% | 32% |

| **Floor F4 - Unconstrained** | E-20T | E-20P | E-20S | E-19P | E-19S | A-10S |
|---|---|---|---|---|---|---|
| Public Purpose Programs | 0.012043 | 0.013631 | 0.014587 | 0.013980 | 0.014884 | 0.015550 |
| Nuclear Decommissiong | 0.000546 | 0.000546 | 0.000546 | 0.000546 | 0.000546 | 0.000550 |
| CTC | 0.003175 | 0.003558 | 0.003772 | 0.004000 | 0.004000 | 0.004760 |
| NSGC | 0.000801 | 0.000801 | 0.000801 | 0.000954 | 0.000954 | 0.000950 |
| Transmission | 0.009952 | 0.009044 | 0.009824 | 0.010077 | 0.010091 | 0.013040 |
| DWR Bond Charge | 0.005130 | 0.005130 | 0.005130 | 0.005130 | 0.005130 | 0.005110 |
| SR MC Gen Energy | 0.036953 | 0.038097 | 0.039689 | 0.038305 | 0.039864 | 0.040350 |
| Distribution (unconstrained) | 0.000816 | 0.001075 | 0.001513 | 0.003516 | 0.004056 | 0.003735 |
| Floor F4 | **0.069416** | **0.071881** | **0.075862** | **0.076509** | **0.079526** | **0.084045** |

| **Various Floors (w/ 15% RA)** | **E-20T** | **E-20P** | **E-20S** | **E-19P** | **E-19S** | **A-10S** |
|---|---|---|---|---|---|---|
| Constrained | | | | | | |
| F1 | $ 0.08435 | $ 0.10389 | $ 0.10974 | $ 0.11151 | $ 0.11833 | $ 0.12795 |
| F2 | $ 0.06779 | $ 0.08535 | $ 0.09004 | $ 0.09203 | $ 0.09795 | $ 0.10614 |
| F3 | $ 0.06860 | $ 0.07081 | $ 0.07435 | $ 0.07299 | $ 0.07547 | $ 0.08031 |
| F4 | $ 0.06942 | $ 0.08694 | $ 0.09119 | $ 0.09353 | $ 0.09750 | $ 0.10439 |
| Unconstrained | | | | | | |
| F1 | $ 0.08435 | $ 0.08882 | $ 0.09441 | $ 0.09449 | $ 0.10036 | $ 0.10761 |
| F2 | $ 0.06779 | $ 0.07029 | $ 0.07471 | $ 0.07501 | $ 0.07997 | $ 0.08580 |
| F3 | $ 0.06860 | $ 0.07081 | $ 0.07435 | $ 0.07299 | $ 0.07547 | $ 0.08031 |
| F4 | $ 0.06942 | $ 0.07188 | $ 0.07586 | $ 0.07651 | $ 0.07953 | $ 0.08405 |
| | | | | | | |
| NBC Floor | 0.031647 | 0.032710 | 0.034660 | 0.034687 | 0.035606 | 0.039960 |

| | E-20T | E-20P | E-20S | E-19P | E-19S | A-10S |
|---|---|---|---|---|---|---|
| DWR Bond Charge | 0.005130 | 0.005130 | 0.005130 | 0.005130 | 0.005130 | 0.005110 |
| Gen Cap | 0.014938453 | 0.016943348 | 0.018551686 | 0.017980923 | 0.020830644 | 0.023561527 |

| **Floor F4 - Unconstrained** | E-20T | E-20P | E-20S | E-19P | E-19S | A-10S |
|---|---|---|---|---|---|---|
| DWR Bond Charge | 0.005130 | 0.005130 | 0.005130 | 0.005130 | 0.005130 | 0.005110 |
| Gen Cap | 0.014938453 | 0.016943348 | 0.018551686 | 0.017980923 | 0.020830644 | 0.023561527 |

# APPENDIX B

## DRA's Proposed Rates and CTM Calculations for DA and CCA Customers

| Updated DRA proposal - DA / CCA | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E-20T -- Constrained or Unconstrained | | 3.2% | 3.2% | 3.2% | 3.2% | 3.2% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 |
| Distribution | $0.00195 | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00195 | $0.00195 | $0.00195 | $0.00195 | $0.00195 |
| Public Purpose Programs | $0.01204 | $0.01204 | $0.01204 | $0.01204 | $0.01204 | $0.01204 | $0.01204 | $0.01204 | $0.01204 | $0.01204 | $0.01204 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| PCIA | $0.00169 | $0.00169 | $0.00169 | $0.00169 | $0.00169 | $0.00169 | $0.00169 | $0.00169 | $0.00169 | $0.00169 | $0.00169 |
| CTC | $0.00317 | $0.00317 | $0.00317 | $0.00317 | $0.00317 | $0.00317 | $0.00317 | $0.00317 | $0.00317 | $0.00317 | $0.00317 |
| NSGC | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.03528** | $0.03415 | $0.03415 | $0.03415 | $0.03415 | $0.03415 | $0.03528 | $0.03528 | $0.03528 | $0.03528 | $0.03528 |
| | | | | | | | | | | | |
| Dist MC (Constrained or Unconstrained) | $0.00082 | | | | | | | | | | |
| Transmission | **$0.00995** | | | | | | | | | | |
| | | | | | | | | | | | |
| Dist MC (Constrained or Unconstrained) | | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00082 |
| Transmission | | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 | $0.00995 |
| | | | | | | | | | | | |
| **DRA MC Floor (PG&E Floor "v1)** | | **$0.01077** | **$0.01077** | **$0.01077** | **$0.01077** | **$0.01077** | **$0.01077** | **$0.01077** | **$0.01077** | **$0.01077** | **$0.01077** |
| CTM wrt MC Floor | | $0.02339 | $0.02339 | $0.02339 | $0.02339 | $0.02339 | $0.02452 | $0.02452 | $0.02452 | $0.02452 | $0.02452 |
| **5 year PV CTM wrt MC Floor** | **$0.09436** | | | | | | | | | | |
| **10 year PV CTM** | **$0.16295** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV CTM wrt MC floor** | **$808,500** | | | | | | | | | | |
| **10 year PV CTM** | **$1,396,172** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03334 | **$0.03334** | **$0.03334** | **$0.03334** | **$0.03334** | **$0.03334** | **$0.03334** | **$0.03334** | **$0.03334** | **$0.03334** | **$0.03334** |
| (All rate components except. Distribution) | | | | | | | | | | | |
| Total discounted rate | | $0.03415 | $0.03415 | $0.03415 | $0.03415 | $0.03415 | $0.03528 | $0.03528 | $0.03528 | $0.03528 | $0.03528 |
| Surplus/Deficit (re NBCs) | | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00082 | $0.00195 | $0.00195 | $0.00195 | $0.00195 | $0.00195 |
| **Marginal Distribution Cost** | $0.00082 | | | | | | | | | | |
| **DRA Modified Additive Floor** | **$0.03415** | | | | | | | | | | |
| | | | | | | | | | | | |
| Margin above Modified Additive Floor | | $0.00000 | $0.00000 | $0.00000 | $0.00000 | $0.00000 | $0.00113 | $0.00113 | $0.00113 | $0.00113 | $0.00113 |
| **5 year PV Margin Above Modified Add. Floor** | **$0.00000** | | | | | | | | | | |
| **10 year PV Margin** | **$0.00316** | | | | | | | | | | |
| Annual Sales (kWh) | 8,568,000 | | | | | | | | | | |
| **5 year PV Margin** | **$0** | | | | | | | | | | |
| **10 year PV Margin** | **$27,116** | | | | | | | | | | |

| Updated DRA proposal - DA / CCA | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E-20P -- Constrained | | 5.7% | 5.7% | 5.7% | 5.7% | 5.7% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 |
| Distribution | $0.01920 | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01920 | $0.01920 | $0.01920 | $0.01920 | $0.01920 |
| Public Purpose Programs | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| PCIA | $0.00144 | $0.00144 | $0.00144 | $0.00144 | $0.00144 | $0.00144 | $0.00144 | $0.00144 | $0.00144 | $0.00144 | $0.00144 |
| CTC | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 |
| NSGC | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.05335** | $0.05029 | $0.05029 | $0.05029 | $0.05029 | $0.05029 | $0.05335 | $0.05335 | $0.05335 | $0.05335 | $0.05335 |
| | | | | | | | | | | | |
| Dist MC (Constrained) | $0.01614 | | | | | | | | | | |
| Transmission | $0.00904 | | | | | | | | | | |
| | | | | | | | | | | | |
| Dist MC (Constrained) | | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01614 |
| Transmission | | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 |
| | | | | | | | | | | | |
| **DRA MC Floor (PG&E Floor "v1)** | | **$0.02518** | **$0.02518** | **$0.02518** | **$0.02518** | **$0.02518** | **$0.02518** | **$0.02518** | **$0.02518** | **$0.02518** | **$0.02518** |
| CTM wrt MC Floor | | $0.02511 | $0.02511 | $0.02511 | $0.02511 | $0.02511 | $0.02817 | $0.02817 | $0.02817 | $0.02817 | $0.02817 |
| **5 year PV CTM wrt MC Floor** | **$0.10131** | | | | | | | | | | |
| **10 year PV CTM** | **$0.18011** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV CTM wrt MC floor** | **$867,992** | | | | | | | | | | |
| **10 year PV CTM** | **$1,543,209** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03415 | **$0.03415** | **$0.03415** | **$0.03415** | **$0.03415** | **$0.03415** | **$0.03415** | **$0.03415** | **$0.03415** | **$0.03415** | **$0.03415** |
| (All rate components except. Distribution) | | | | | | | | | | | |
| Total discounted rate | | $0.05029 | $0.05029 | $0.05029 | $0.05029 | $0.05029 | $0.05335 | $0.05335 | $0.05335 | $0.05335 | $0.05335 |
| Surplus/Deficit (re NBCs) | | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01614 | $0.01920 | $0.01920 | $0.01920 | $0.01920 | $0.01920 |
| **Marginal Distribution Cost** | $0.01614 | | | | | | | | | | |
| **DRA Modified Additive Floor** | **$0.05029** | | | | | | | | | | |
| | | | | | | | | | | | |
| Margin above Modified Additive Floor | | $0.00000 | $0.00000 | $0.00000 | $0.00000 | $0.00000 | $0.00306 | $0.00306 | $0.00306 | $0.00306 | $0.00306 |
| **5 year PV Margin Above Modified Add. Floor** | **$0.00000** | | | | | | | | | | |
| **10 year PV Margin** | **$0.00857** | | | | | | | | | | |
| Annual Sales (kWh) | 8,568,000 | | | | | | | | | | |
| **5 year PV Margin** | **$0** | | | | | | | | | | |
| **10 year PV Margin** | **$73,415** | | | | | | | | | | |

| Updated DRA proposal - DA / CCA | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E-20P -- Unconstrained | | 6.8% | 6.8% | 6.8% | 6.8% | 6.8% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 |
| Distribution | $0.01920 | $0.01558 | $0.01558 | $0.01558 | $0.01558 | $0.01558 | $0.01920 | $0.01920 | $0.01920 | $0.01920 | $0.01920 |
| Public Purpose Programs | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 | $0.01363 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| PCIA | $0.00144 | $0.00144 | $0.00144 | $0.00144 | $0.00144 | $0.00144 | $0.00144 | $0.00144 | $0.00144 | $0.00144 | $0.00144 |
| CTC | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 | $0.00356 |
| NSGC | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.05335** | $0.04973 | $0.04973 | $0.04973 | $0.04973 | $0.04973 | $0.05335 | $0.05335 | $0.05335 | $0.05335 | $0.05335 |
| | | | | | | | | | | | |
| Dist MC (Unconstrained) | $0.00107 | | | | | | | | | | |
| Transmission | $0.00904 | | | | | | | | | | |
| | | | | | | | | | | | |
| Dist MC (Unconstrained) | | $0.00107 | $0.00107 | $0.00107 | $0.00107 | $0.00107 | $0.00107 | $0.00107 | $0.00107 | $0.00107 | $0.00107 |
| Transmission | | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 | $0.00904 |
| | | | | | | | | | | | |
| **DRA MC Floor (PG&E Floor "v1)** | | **$0.01012** | **$0.01012** | **$0.01012** | **$0.01012** | **$0.01012** | **$0.01012** | **$0.01012** | **$0.01012** | **$0.01012** | **$0.01012** |
| CTM wrt MC Floor | | $0.03961 | $0.03961 | $0.03961 | $0.03961 | $0.03961 | $0.04323 | $0.04323 | $0.04323 | $0.04323 | $0.04323 |
| **5 year PV CTM wrt MC Floor** | **$0.15985** | | | | | | | | | | |
| **10 year PV CTM** | **$0.28080** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV CTM wrt MC floor** | **$1,369,616** | | | | | | | | | | |
| **10 year PV CTM** | **$2,405,887** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03415 | **$0.03415** | **$0.03415** | **$0.03415** | **$0.03415** | **$0.03415** | **$0.03415** | **$0.03415** | **$0.03415** | **$0.03415** | **$0.03415** |
| (All rate components except. Distribution) | | | | | | | | | | | |
| Total discounted rate | | $0.04973 | $0.04973 | $0.04973 | $0.04973 | $0.04973 | $0.05335 | $0.05335 | $0.05335 | $0.05335 | $0.05335 |
| Surplus/Deficit (re NBCs) | | $0.01558 | $0.01558 | $0.01558 | $0.01558 | $0.01558 | $0.01920 | $0.01920 | $0.01920 | $0.01920 | $0.01920 |
| **Marginal Distribution Cost** | $0.00107 | | | | | | | | | | |
| **DRA Modified Additive Floor** | **$0.03522** | | | | | | | | | | |
| | | | | | | | | | | | |
| Margin above Modified Additive Floor | | $0.01451 | $0.01451 | $0.01451 | $0.01451 | $0.01451 | $0.01813 | $0.01813 | $0.01813 | $0.01813 | $0.01813 |
| **5 year PV Margin Above Modified Add. Floor** | **$0.05855** | | | | | | | | | | |
| **10 year PV Margin** | **$0.10925** | | | | | | | | | | |
| Annual Sales (kWh) | 8,568,000 | | | | | | | | | | |
| **5 year PV Margin** | **$501,625** | | | | | | | | | | |
| **10 year PV Margin** | **$936,093** | | | | | | | | | | |

| Updated DRA proposal - DA / CCA | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E-20S -- Constrained | | 12% | 12% | 12% | 12% | 12% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 |
| Distribution | $0.02695 | $0.01922 | $0.01922 | $0.01922 | $0.01922 | $0.01922 | $0.02695 | $0.02695 | $0.02695 | $0.02695 | $0.02695 |
| Public Purpose Programs | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| PCIA | $0.00279 | $0.00279 | $0.00279 | $0.00279 | $0.00279 | $0.00279 | $0.00279 | $0.00279 | $0.00279 | $0.00279 | $0.00279 |
| CTC | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 |
| NSGC | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.06440** | $0.05667 | $0.05667 | $0.05667 | $0.05667 | $0.05667 | $0.06440 | $0.06440 | $0.06440 | $0.06440 | $0.06440 |
| **Discount** | | $0.00773 | $0.00773 | $0.00773 | $0.00773 | $0.00773 | | | | | |
| Dist MC (Constrained) | $0.01684 | | | | | | | | | | |
| Transmission | $0.00982 | | | | | | | | | | |
| | | | | | | | | | | | |
| Dist MC (Constrained) | | $0.01684 | $0.01684 | $0.01684 | $0.01684 | $0.01684 | $0.01684 | $0.01684 | $0.01684 | $0.01684 | $0.01684 |
| Transmission | | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 |
| | | | | | | | | | | | |
| **DRA MC Floor (PG&E Floor "v1)** | | **$0.02667** | **$0.02667** | **$0.02667** | **$0.02667** | **$0.02667** | **$0.02667** | **$0.02667** | **$0.02667** | **$0.02667** | **$0.02667** |
| CTM wrt MC Floor | | $0.03000 | $0.03000 | $0.03000 | $0.03000 | $0.03000 | $0.03773 | $0.03773 | $0.03773 | $0.03773 | $0.03773 |
| **5 year PV CTM wrt MC Floor** | **$0.12106** | | | | | | | | | | |
| **10 year PV CTM** | **$0.22662** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV CTM wrt MC floor** | **$1,037,283** | | | | | | | | | | |
| **10 year PV CTM** | **$1,941,698** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03745 | **$0.03745** | **$0.03745** | **$0.03745** | **$0.03745** | **$0.03745** | **$0.03745** | **$0.03745** | **$0.03745** | **$0.03745** | **$0.03745** |
| (All rate components except. Distribution) | | | | | | | | | | | |
| Total discounted rate | | $0.05667 | $0.05667 | $0.05667 | $0.05667 | $0.05667 | $0.06440 | $0.06440 | $0.06440 | $0.06440 | $0.06440 |
| Surplus/Deficit (re NBCs) | | $0.01922 | $0.01922 | $0.01922 | $0.01922 | $0.01922 | $0.02695 | $0.02695 | $0.02695 | $0.02695 | $0.02695 |
| **Marginal Distribution Cost** | $0.01684 | | | | | | | | | | |
| **DRA Modified Additive Floor** | **$0.05429** | | | | | | | | | | |
| | | | | | | | | | | | |
| Margin above Modified Additive Floor | | $0.00238 | $0.00238 | $0.00238 | $0.00238 | $0.00238 | $0.01010 | $0.01010 | $0.01010 | $0.01010 | $0.01010 |
| **5 year PV Margin Above Modified Add. Floor** | **$0.00959** | | | | | | | | | | |
| **10 year PV Margin** | **$0.03786** | | | | | | | | | | |
| Annual Sales (kWh) | 8,568,000 | | | | | | | | | | |
| **5 year PV Margin** | **$82,151** | | | | | | | | | | |
| **10 year PV Margin** | **$324,346** | | | | | | | | | | |

| Updated DRA proposal - DA / CCA | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E-20S -- Unconstrained | | 12% | 12% | 12% | 12% | 12% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 |
| Distribution | $0.02695 | $0.01922 | $0.01922 | $0.01922 | $0.01922 | $0.01922 | $0.02695 | $0.02695 | $0.02695 | $0.02695 | $0.02695 |
| Public Purpose Programs | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 | $0.01459 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| PCIA | $0.00279 | $0.00279 | $0.00279 | $0.00279 | $0.00279 | $0.00279 | $0.00279 | $0.00279 | $0.00279 | $0.00279 | $0.00279 |
| CTC | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 | $0.00377 |
| NSGC | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 | $0.00080 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.06440** | $0.05667 | $0.05667 | $0.05667 | $0.05667 | $0.05667 | $0.06440 | $0.06440 | $0.06440 | $0.06440 | $0.06440 |
| | | | | | | | | | | | |
| Dist MC (Unconstrained) | $0.00151 | | | | | | | | | | |
| Transmission | $0.00982 | | | | | | | | | | |
| | | | | | | | | | | | |
| Dist MC (Unconstrained) | | $0.00151 | $0.00151 | $0.00151 | $0.00151 | $0.00151 | $0.00151 | $0.00151 | $0.00151 | $0.00151 | $0.00151 |
| Transmission | | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 | $0.00982 |
| | | | | | | | | | | | |
| **DRA MC Floor (PG&E Floor "v1)** | | **$0.01134** | **$0.01134** | **$0.01134** | **$0.01134** | **$0.01134** | **$0.01134** | **$0.01134** | **$0.01134** | **$0.01134** | **$0.01134** |
| CTM wrt MC Floor | | $0.04533 | $0.04533 | $0.04533 | $0.04533 | $0.04533 | $0.05306 | $0.05306 | $0.05306 | $0.05306 | $0.05306 |
| **5 year PV CTM wrt MC Floor** | **$0.18293** | | | | | | | | | | |
| **10 year PV CTM** | **$0.33137** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **8,568,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV CTM wrt MC floor** | **$1,567,312** | | | | | | | | | | |
| **10 year PV CTM** | **$2,839,211** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03745 | **$0.03745** | **$0.03745** | **$0.03745** | **$0.03745** | **$0.03745** | **$0.03745** | **$0.03745** | **$0.03745** | **$0.03745** | **$0.03745** |
| (All rate components except. Distribution) | | | | | | | | | | | |
| Total discounted rate | | $0.05667 | $0.05667 | $0.05667 | $0.05667 | $0.05667 | $0.06440 | $0.06440 | $0.06440 | $0.06440 | $0.06440 |
| Surplus/Deficit (re NBCs) | | $0.01922 | $0.01922 | $0.01922 | $0.01922 | $0.01922 | $0.02695 | $0.02695 | $0.02695 | $0.02695 | $0.02695 |
| **Marginal Distribution Cost** | $0.00151 | | | | | | | | | | |
| **DRA Modified Additive Floor** | **$0.03896** | | | | | | | | | | |
| | | | | | | | | | | | |
| Margin above Modified Additive Floor | | $0.01771 | $0.01771 | $0.01771 | $0.01771 | $0.01771 | $0.02543 | $0.02543 | $0.02543 | $0.02543 | $0.02543 |
| **5 year PV Margin Above Modified Add. Floor** | **$0.07145** | | | | | | | | | | |
| **10 year PV Margin** | **$0.14261** | | | | | | | | | | |
| Annual Sales (kWh) | 8,568,000 | | | | | | | | | | |
| **5 year PV Margin** | **$612,180** | | | | | | | | | | |
| **10 year PV Margin** | **$1,221,859** | | | | | | | | | | |

| Updated DRA proposal - DA / CCA | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E-19P -- Constrained | | 7.5% | 7.5% | 7.5% | 7.5% | 7.5% | | | | | |
| | | 7.8% | 7.8% | 7.8% | 7.8% | 7.8% | | | | | |
| Transmission | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 |
| Distribution | $0.02557 | $0.02077 | $0.02077 | $0.02077 | $0.02077 | $0.02077 | $0.02557 | $0.02557 | $0.02557 | $0.02557 | $0.02557 |
| Public Purpose Programs | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| PCIA | $0.00402 | $0.00402 | $0.00402 | $0.00402 | $0.00402 | $0.00402 | $0.00402 | $0.00402 | $0.00402 | $0.00402 | $0.00402 |
| CTC | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 |
| NSGC | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.06427** | $0.05948 | $0.05948 | $0.05948 | $0.05948 | $0.05948 | $0.06427 | $0.06427 | $0.06427 | $0.06427 | $0.06427 |
| | | | | | | | | | | | |
| Dist MC (Constrained) | $0.02054 | | | | | | | | | | |
| Transmission | $0.01008 | | | | | | | | | | |
| | | | | | | | | | | | |
| Dist MC (Constrained) | | $0.02054 | $0.02054 | $0.02054 | $0.02054 | $0.02054 | $0.02054 | $0.02054 | $0.02054 | $0.02054 | $0.02054 |
| Transmission | | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 |
| | | | | | | | | | | | |
| **DRA MC Floor (PG&E Floor "v1)** | | **$0.03062** | **$0.03062** | **$0.03062** | **$0.03062** | **$0.03062** | **$0.03062** | **$0.03062** | **$0.03062** | **$0.03062** | **$0.03062** |
| CTM wrt MC Floor | | $0.02886 | $0.02886 | $0.02886 | $0.02886 | $0.02886 | $0.03366 | $0.03366 | $0.03366 | $0.03366 | $0.03366 |
| **5 year PV CTM wrt MC Floor** | **$0.11647** | | | | | | | | | | |
| **10 year PV CTM** | **$0.21063** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **2,000,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV CTM wrt MC floor** | **$232,943** | | | | | | | | | | |
| **10 year PV CTM** | **$421,268** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03871 | **$0.03871** | **$0.03871** | **$0.03871** | **$0.03871** | **$0.03871** | **$0.03871** | **$0.03871** | **$0.03871** | **$0.03871** | **$0.03871** |
| (All rate components except. Distribution) | | | | | | | | | | | |
| Total discounted rate | | $0.05948 | $0.05948 | $0.05948 | $0.05948 | $0.05948 | $0.06427 | $0.06427 | $0.06427 | $0.06427 | $0.06427 |
| Surplus/Deficit (re NBCs) | | $0.02077 | $0.02077 | $0.02077 | $0.02077 | $0.02077 | $0.02557 | $0.02557 | $0.02557 | $0.02557 | $0.02557 |
| **Marginal Distribution Cost** | $0.02054 | | | | | | | | | | |
| **DRA Modified Additive Floor** | **$0.05925** | | | | | | | | | | |
| | | | | | | | | | | | |
| Margin above Modified Additive Floor | | $0.00023 | $0.00023 | $0.00023 | $0.00023 | $0.00023 | $0.00503 | $0.00503 | $0.00503 | $0.00503 | $0.00503 |
| **5 year PV Margin Above Modified Add. Floor** | **$0.00094** | | | | | | | | | | |
| **10 year PV Margin** | **$0.01501** | | | | | | | | | | |
| Annual Sales (kWh) | 2,000,000 | | | | | | | | | | |
| **5 year PV Margin** | **$1,885** | | | | | | | | | | |
| **10 year PV Margin** | **$30,011** | | | | | | | | | | |

| Updated DRA proposal - DA / CCA | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E-19P --Unconstrained | | 7.5% | 7.5% | 7.5% | 7.5% | 7.5% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 |
| Distribution | $0.02557 | $0.02077 | $0.02077 | $0.02077 | $0.02077 | $0.02077 | $0.02557 | $0.02557 | $0.02557 | $0.02557 | $0.02557 |
| Public Purpose Programs | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 | $0.01398 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| PCIA | $0.00402 | $0.00402 | $0.00402 | $0.00402 | $0.00402 | $0.00402 | $0.00402 | $0.00402 | $0.00402 | $0.00402 | $0.00402 |
| CTC | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 |
| NSGC | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.06427** | $0.05948 | $0.05948 | $0.05948 | $0.05948 | $0.05948 | $0.06427 | $0.06427 | $0.06427 | $0.06427 | $0.06427 |
| | **Discount** | | | | | | | | | | |
| Dist MC (Unconstrained) | $0.00352 | | | | | | | | | | |
| Transmission | $0.01008 | | | | | | | | | | |
| | | | | | | | | | | | |
| Dist MC (Unconstrained) | | $0.00352 | $0.00352 | $0.00352 | $0.00352 | $0.00352 | $0.00352 | $0.00352 | $0.00352 | $0.00352 | $0.00352 |
| Transmission | | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 | $0.01008 |
| | | | | | | | | | | | |
| **DRA MC Floor (PG&E Floor "v1)** | | **$0.01359** | **$0.01359** | **$0.01359** | **$0.01359** | **$0.01359** | **$0.01359** | **$0.01359** | **$0.01359** | **$0.01359** | **$0.01359** |
| CTM wrt MC Floor | | $0.04589 | $0.04589 | $0.04589 | $0.04589 | $0.04589 | $0.05068 | $0.05068 | $0.05068 | $0.05068 | $0.05068 |
| **5 year PV CTM wrt MC Floor** | **$0.18517** | | | | | | | | | | |
| **10 year PV CTM** | **$0.32696** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **2,000,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV CTM wrt MC floor** | **$370,331** | | | | | | | | | | |
| **10 year PV CTM** | **$653,910** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03871 | **$0.03871** | **$0.03871** | **$0.03871** | **$0.03871** | **$0.03871** | **$0.03871** | **$0.03871** | **$0.03871** | **$0.03871** | **$0.03871** |
| (All rate components except. Distribution) | | | | | | | | | | | |
| Total discounted rate | | $0.05948 | $0.05948 | $0.05948 | $0.05948 | $0.05948 | $0.06427 | $0.06427 | $0.06427 | $0.06427 | $0.06427 |
| Surplus/Deficit (re NBCs) | | $0.02077 | $0.02077 | $0.02077 | $0.02077 | $0.02077 | $0.02557 | $0.02557 | $0.02557 | $0.02557 | $0.02557 |
| **Marginal Distribution Cost** | $0.00352 | | | | | | | | | | |
| **DRA Modified Additive Floor** | **$0.04222** | | | | | | | | | | |
| | | | | | | | | | | | |
| Margin above Modified Additive Floor | | $0.01726 | $0.01726 | $0.01726 | $0.01726 | $0.01726 | $0.02205 | $0.02205 | $0.02205 | $0.02205 | $0.02205 |
| **5 year PV Margin Above Modified Add. Floor** | **$0.06964** | | | | | | | | | | |
| **10 year PV Margin** | **$0.13133** | | | | | | | | | | |
| Annual Sales (kWh) | 2,000,000 | | | | | | | | | | |
| **5 year PV Margin** | **$139,273** | | | | | | | | | | |
| **10 year PV Margin** | **$262,653** | | | | | | | | | | |

| Updated DRA proposal - DA / CCA | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E-19S -- Constrained | | 11.9% | 11.9% | 11.9% | 11.9% | 11.9% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 |
| Distribution | $0.03241 | $0.02394 | $0.02394 | $0.02394 | $0.02394 | $0.02394 | $0.03241 | $0.03241 | $0.03241 | $0.03241 | $0.03241 |
| Public Purpose Programs | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| PCIA | $0.00296 | $0.00296 | $0.00296 | $0.00296 | $0.00296 | $0.00296 | $0.00296 | $0.00296 | $0.00296 | $0.00296 | $0.00296 |
| CTC | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 |
| NSGC | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.07098** | $0.06251 | $0.06251 | $0.06251 | $0.06251 | $0.06251 | $0.07098 | $0.07098 | $0.07098 | $0.07098 | $0.07098 |
| | **Discount** | | | | | | | | | | |
| Dist MC (Constrained) | $0.02203 | | | | | | | | | | |
| Transmission | $0.01009 | | | | | | | | | | |
| | | | | | | | | | | | |
| Dist MC (Constrained) | | $0.02203 | $0.02203 | $0.02203 | $0.02203 | $0.02203 | $0.02203 | $0.02203 | $0.02203 | $0.02203 | $0.02203 |
| Transmission | | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 |
| | | | | | | | | | | | |
| **DRA MC Floor (PG&E Floor "v1)** | | **$0.03212** | **$0.03212** | **$0.03212** | **$0.03212** | **$0.03212** | **$0.03212** | **$0.03212** | **$0.03212** | **$0.03212** | **$0.03212** |
| CTM wrt MC Floor | | $0.03039 | $0.03039 | $0.03039 | $0.03039 | $0.03039 | $0.03885 | $0.03885 | $0.03885 | $0.03885 | $0.03885 |
| **5 year PV CTM wrt MC Floor** | **$0.12261** | | | | | | | | | | |
| **10 year PV CTM** | **$0.23131** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **2,000,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV CTM wrt MC floor** | **$245,222** | | | | | | | | | | |
| **10 year PV CTM** | **$462,626** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03857 | **$0.03857** | **$0.03857** | **$0.03857** | **$0.03857** | **$0.03857** | **$0.03857** | **$0.03857** | **$0.03857** | **$0.03857** | **$0.03857** |
| (All rate components except. Distribution) | | | | | | | | | | | |
| Total discounted rate | | $0.06251 | $0.06251 | $0.06251 | $0.06251 | $0.06251 | $0.07098 | $0.07098 | $0.07098 | $0.07098 | $0.07098 |
| Surplus/Deficit (re NBCs) | | $0.02394 | $0.02394 | $0.02394 | $0.02394 | $0.02394 | $0.03241 | $0.03241 | $0.03241 | $0.03241 | $0.03241 |
| **Marginal Distribution Cost** | $0.02203 | | | | | | | | | | |
| **DRA Modified Additive Floor** | **$0.06060** | | | | | | | | | | |
| | | | | | | | | | | | |
| Margin above Modified Additive Floor | | $0.00191 | $0.00191 | $0.00191 | $0.00191 | $0.00191 | $0.01038 | $0.01038 | $0.01038 | $0.01038 | $0.01038 |
| **5 year PV Margin Above Modified Add. Floor** | **$0.00771** | | | | | | | | | | |
| **10 year PV Margin** | **$0.03675** | | | | | | | | | | |
| Annual Sales (kWh) | 2,000,000 | | | | | | | | | | |
| **5 year PV Margin** | **$15,422** | | | | | | | | | | |
| **10 year PV Margin** | **$73,500** | | | | | | | | | | |

| Updated DRA proposal - DA / CCA | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E-19S -- Unconstrained | | 11.9% | 11.9% | 11.9% | 11.9% | 11.9% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 |
| Distribution | $0.03241 | $0.02394 | $0.02394 | $0.02394 | $0.02394 | $0.02394 | $0.03241 | $0.03241 | $0.03241 | $0.03241 | $0.03241 |
| Public Purpose Programs | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 | $0.01488 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| PCIA | $0.00296 | $0.00296 | $0.00296 | $0.00296 | $0.00296 | $0.00296 | $0.00296 | $0.00296 | $0.00296 | $0.00296 | $0.00296 |
| CTC | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 | $0.00400 |
| NSGC | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 |
| DWR Bond Charge | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 | $0.00513 |
| **Total** | **$0.07098** | $0.06251 | $0.06251 | $0.06251 | $0.06251 | $0.06251 | $0.07098 | $0.07098 | $0.07098 | $0.07098 | $0.07098 |
| | | | | | | | | | | | |
| Dist MC (Unconstrained) | $0.00406 | | | | | | | | | | |
| Transmission | $0.01009 | | | | | | | | | | |
| | | | | | | | | | | | |
| Dist MC (Unconstrained) | | $0.00406 | $0.00406 | $0.00406 | $0.00406 | $0.00406 | $0.00406 | $0.00406 | $0.00406 | $0.00406 | $0.00406 |
| Transmission | | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 | $0.01009 |
| | | | | | | | | | | | |
| **DRA MC Floor (PG&E Floor "v1)** | | **$0.01415** | **$0.01415** | **$0.01415** | **$0.01415** | **$0.01415** | **$0.01415** | **$0.01415** | **$0.01415** | **$0.01415** | **$0.01415** |
| CTM wrt MC Floor | | $0.04836 | $0.04836 | $0.04836 | $0.04836 | $0.04836 | $0.05683 | $0.05683 | $0.05683 | $0.05683 | $0.05683 |
| **5 year PV CTM wrt MC Floor** | **$0.19514** | | | | | | | | | | |
| **10 year PV CTM** | **$0.35412** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **2,000,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV CTM wrt MC floor** | **$390,276** | | | | | | | | | | |
| **10 year PV CTM** | **$708,249** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.03857 | **$0.03857** | **$0.03857** | **$0.03857** | **$0.03857** | **$0.03857** | **$0.03857** | **$0.03857** | **$0.03857** | **$0.03857** | **$0.03857** |
| (All rate components except. Distribution) | | | | | | | | | | | |
| Total discounted rate | | $0.06251 | $0.06251 | $0.06251 | $0.06251 | $0.06251 | $0.07098 | $0.07098 | $0.07098 | $0.07098 | $0.07098 |
| Surplus/Deficit (re NBCs) | | $0.02394 | $0.02394 | $0.02394 | $0.02394 | $0.02394 | $0.03241 | $0.03241 | $0.03241 | $0.03241 | $0.03241 |
| **Marginal Distribution Cost** | $0.00406 | | | | | | | | | | |
| **DRA Modified Additive Floor** | **$0.04262** | | | | | | | | | | |
| | | | | | | | | | | | |
| Margin above Modified Additive Floor | | $0.01988 | $0.01988 | $0.01988 | $0.01988 | $0.01988 | $0.02835 | $0.02835 | $0.02835 | $0.02835 | $0.02835 |
| **5 year PV Margin Above Modified Add. Floor** | **$0.08024** | | | | | | | | | | |
| **10 year PV Margin** | **$0.15956** | | | | | | | | | | |
| Annual Sales (kWh) | 2,000,000 | | | | | | | | | | |
| **5 year PV Margin** | **$160,476** | | | | | | | | | | |
| **10 year PV Margin** | **$319,123** | | | | | | | | | | |

| Updated DRA proposal - DA / CCA | | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A-10S-- Constrained | | 12.0% | 12.0% | 12.0% | 12.0% | 12.0% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 |
| Distribution | $0.03908 | $0.02883 | $0.02883 | $0.02883 | $0.02883 | $0.02883 | $0.03908 | $0.03908 | $0.03908 | $0.03908 | $0.03908 |
| Public Purpose Programs | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| PCIA | $0.00633 | $0.00633 | $0.00633 | $0.00633 | $0.00633 | $0.00633 | $0.00633 | $0.00633 | $0.00633 | $0.00633 | $0.00633 |
| CTC | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 |
| NSGC | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 |
| DWR Bond Charge | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 |
| **Total** | **$0.08537** | $0.07512 | $0.07512 | $0.07512 | $0.07512 | $0.07512 | $0.08537 | $0.08537 | $0.08537 | $0.08537 | $0.08537 |
| | **Discount** | $0.01024 | $0.01024 | $0.01024 | $0.01024 | $0.01024 | | | | | |
| Dist MC (Constrained) | $0.02408 | | | | | | | | | | |
| Transmission | $0.01304 | | | | | | | | | | |
| Dist MC (Constrained) | | $0.02408 | $0.02408 | $0.02408 | $0.02408 | $0.02408 | $0.02408 | $0.02408 | $0.02408 | $0.02408 | $0.02408 |
| Transmission | | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 |
| **DRA MC Floor (PG&E Floor "v1)** | | **$0.03712** | **$0.03712** | **$0.03712** | **$0.03712** | **$0.03712** | **$0.03712** | **$0.03712** | **$0.03712** | **$0.03712** | **$0.03712** |
| CTM wrt MC Floor | | $0.03801 | $0.03801 | $0.03801 | $0.03801 | $0.03801 | $0.04825 | $0.04825 | $0.04825 | $0.04825 | $0.04825 |
| **5 year PV CTM wrt MC Floor** | **$0.15336** | | | | | | | | | | |
| **10 year PV CTM** | **$0.28835** | | | | | | | | | | |
| **Annual sales (kWh)** | **900,000** | | | | | | | | | | |
| **5 year PV CTM wrt MC floor** | **$138,027** | | | | | | | | | | |
| **10 year PV CTM** | **$259,518** | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.04629 | **$0.04629** | **$0.04629** | **$0.04629** | **$0.04629** | **$0.04629** | **$0.04629** | **$0.04629** | **$0.04629** | **$0.04629** | **$0.04629** |
| (All rate components except. Distribution) | | | | | | | | | | | |
| Total discounted rate | | $0.07512 | $0.07512 | $0.07512 | $0.07512 | $0.07512 | $0.08537 | $0.08537 | $0.08537 | $0.08537 | $0.08537 |
| Surplus/Deficit (re NBCs) | | $0.02883 | $0.02883 | $0.02883 | $0.02883 | $0.02883 | $0.03908 | $0.03908 | $0.03908 | $0.03908 | $0.03908 |
| **Marginal Distribution Cost** | $0.02408 | | | | | | | | | | |
| **DRA Modified Additive Floor** | **$0.07037** | | | | | | | | | | |
| Margin above Modified Additive Floor | | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.01500 | $0.01500 | $0.01500 | $0.01500 | $0.01500 |
| **5 year PV Margin Above Modified Add. Floor** | **$0.01919** | | | | | | | | | | |
| **10 year PV Margin** | **$0.06116** | | | | | | | | | | |
| Annual Sales (kWh) | 900,000 | | | | | | | | | | |
| **5 year PV Margin** | **$17,275** | | | | | | | | | | |
| **10 year PV Margin** | **$55,045** | | | | | | | | | | |

| **Updated DRA proposal - DA / CCA** | | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** | **Year 7** | **Year 8** | **Year 9** | **Year 10** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A-10S -- Unconstrained | | 12.0% | 12.0% | 12.0% | 12.0% | 12.0% | | | | | |
| | | 12% | 12% | 12% | 12% | 12% | | | | | |
| Transmission | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 |
| Distribution | $0.03908 | $0.02883 | $0.02883 | $0.02883 | $0.02883 | $0.02883 | $0.03908 | $0.03908 | $0.03908 | $0.03908 | $0.03908 |
| Public Purpose Programs | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 | $0.01555 |
| Nuclear Decommissiong | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 | $0.00055 |
| PCIA | $0.00633 | $0.00633 | $0.00633 | $0.00633 | $0.00633 | $0.00633 | $0.00633 | $0.00633 | $0.00633 | $0.00633 | $0.00633 |
| CTC | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 | $0.00476 |
| NSGC | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 | $0.00095 |
| DWR Bond Charge | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 | $0.00511 |
| **Total** | **$0.08537** | $0.07512 | $0.07512 | $0.07512 | $0.07512 | $0.07512 | $0.08537 | $0.08537 | $0.08537 | $0.08537 | $0.08537 |
| | | $0.01024 | $0.01024 | $0.01024 | $0.01024 | $0.01024 | | | | | |
| Dist MC (Unconstrained) | $0.00374 | | | | | | | | | | |
| Transmission | $0.01304 | | | | | | | | | | |
| | | | | | | | | | | | |
| Dist MC (Unconstrained) | | $0.00374 | $0.00374 | $0.00374 | $0.00374 | $0.00374 | $0.00374 | $0.00374 | $0.00374 | $0.00374 | $0.00374 |
| Transmission | | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 | $0.01304 |
| | | | | | | | | | | | |
| **DRA MC Floor (PG&E Floor "v1)** | | **$0.01678** | **$0.01678** | **$0.01678** | **$0.01678** | **$0.01678** | **$0.01678** | **$0.01678** | **$0.01678** | **$0.01678** | **$0.01678** |
| CTM wrt MC Floor | | $0.05835 | $0.05835 | $0.05835 | $0.05835 | $0.05835 | $0.06859 | $0.06859 | $0.06859 | $0.06859 | $0.06859 |
| **5 year PV CTM wrt MC Floor** | **$0.23544** | | | | | | | | | | |
| **10 year PV CTM** | **$0.42734** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Annual sales (kWh)** | **900,000** | | | | | | | | | | |
| | | | | | | | | | | | |
| **5 year PV CTM wrt MC floor** | **$211,899** | | | | | | | | | | |
| **10 year PV CTM** | **$384,609** | | | | | | | | | | |
| | | | | | | | | | | | |
| **Total Nondiscountable Component Floor** | $0.04629 | **$0.04629** | **$0.04629** | **$0.04629** | **$0.04629** | **$0.04629** | **$0.04629** | **$0.04629** | **$0.04629** | **$0.04629** | **$0.04629** |
| (All rate components except. Distribution) | | | | | | | | | | | |
| Total discounted rate | | $0.07512 | $0.07512 | $0.07512 | $0.07512 | $0.07512 | $0.08537 | $0.08537 | $0.08537 | $0.08537 | $0.08537 |
| Surplus/Deficit (re NBCs) | | $0.02883 | $0.02883 | $0.02883 | $0.02883 | $0.02883 | $0.03908 | $0.03908 | $0.03908 | $0.03908 | $0.03908 |
| **Marginal Distribution Cost** | $0.00374 | | | | | | | | | | |
| **DRA Modified Additive Floor** | **$0.05003** | | | | | | | | | | |
| | | | | | | | | | | | |
| Margin above Modified Additive Floor | | $0.02510 | $0.02510 | $0.02510 | $0.02510 | $0.02510 | $0.03534 | $0.03534 | $0.03534 | $0.03534 | $0.03534 |
| **5 year PV Margin Above Modified Add. Floor** | **$0.10127** | | | | | | | | | | |
| **10 year PV Margin** | **$0.20015** | | | | | | | | | | |
| Annual Sales (kWh) | 900,000 | | | | | | | | | | |
| **5 year PV Margin** | **$91,147** | | | | | | | | | | |
| **10 year PV Margin** | **$180,136** | | | | | | | | | | |

# APPENDIX C

## PG&E and DRA CTM Calculations: Revised December 27, 2012

## Table C-1: CTMs for PG&E's Proposed 35% Enhanced EDR Discount ($1,000) (Bundled Service Customers)

**CTMs for PG&E's Proposed 35% Enhanced EDR Discount ($1,000)[1]**

| | Unconst. 5 yr[2] | Const. 5 yr | Unconst.10 yr[3] | Const. 10 yr |
|---|---|---|---|---|
| E-20T | | | | |
| PG&E MC[4] | -100 | -100 | 707 | 707 |
| E-20P | | | | |
| PG&E MC | 346 | -175 | 1664 | 782 |
| E-20S | | | | |
| PG&E MC | 447 | -83 | 1934 | 1037 |
| E-19P | | | | |
| PG&E MC | 105 | -32 | 453 | 221 |
| E-19S | | | | |
| PG&E MC | 124 | -21 | 508 | 262 |
| A-10S | | | | |
| PG&E MC | 71 | -3 | 268 | 143 |

[1] These values supersede the PG&E CTM values in Ex. DRA-1, Table 2-1 and Appendix I, which were based on Ex. PG&E-3 (which was superseded by Ex. PG&E-5)

[2] Five-year CTMs are from Ex. PG&E-5, pp. WP 2-7 through WP 2-21

[3] Ten-year CTMs are from Ex. PG&E-4, Table 2-1, p. 2-8

[4] See, Ex. PG&E-4, pp. 2-6 through 2-8 for a description PG&E's marginal cost assumptions.

## Table C-2: CTMs for DRA's Proposed Declining Discount Enhanced EDR Option (Bundled Service Customers)

**CTMs for DRA's Proposed Declining Discount Enhanced EDR Option[5] ($1,000)**

| | Unconst. 5 yr | Const. 5 yr | Unconst.10 yr | Const. 10 yr |
|---|---|---|---|---|
| E-20T DRA MC[6] | 283 | 283 | 985 | 985 |
| E-20P DRA MC | 828 | 307 | 2038 | 1156 |
| E-20S DRA MC | 976 | 446 | 2351 | 1453 |
| E-19P DRA MC | 229 | 92 | 552 | 319 |
| E-19S DRA MC | 259 | 114 | 616 | 371 |
| A-10S DRA MC | 139 | 65 | 324 | 199 |

[5] See Appendix A for detailed calculations. These CTM results supersede DRA's CTMs presented in Ex. DRA-1, Appendix I.

[6] DRA's marginal generation costs are only slightly different from PG&E's. As described in Ex. PG&E-4, Q&A 16 (pp. 2-7 and 2-8), PG&E uses DRA's blended approach for years 1-5 only. Using PG&E's marginal costs would increase these CTM results slightly, but would not cause a material change to the conclusions in this brief.

# APPENDIX D

## DRA Recommended Floor Prices for EDR Discounts

| **Floor Prices for Bundled Services** | | | | | | |
|---|---|---|---|---|---|---|
| | NBC Floor | | Marginal Cost Floor | | **Modified Additive Floor** | |
| | Floor Price | Max Discount | Floor Price | Max Discount | **Floor Price** | **Max Discount** |
| E-20T | 0.03165 | 65.6% | 0.06266 | 31.9% | **0.06942** | **24.5%** |
| E-20P | 0.03271 | 71.7% | 0.08022 | 30.6% | **0.08694** | **24.8%** |
| E-20S | 0.03466 | 72.7% | 0.08491 | 33.1% | **0.09119** | **28.2%** |
| E-19P | 0.03469 | 72.8% | 0.08690 | 31.9% | **0.09353** | **26.7%** |
| E-19S | 0.03561 | 74.3% | 0.09282 | 33.1% | **0.09750** | **29.7%** |
| A-10S | 0.03996 | 74.1% | 0.10103 | 34.5% | **0.10439** | **32.3%** |

| **Floor Prices for DA/CCA Customers** | | | | | | |
|---|---|---|---|---|---|---|
| | NBC Floor | | Marginal Cost Floor | | **Modified Additive Floor** | |
| | Floor Price | Max Discount | Floor Price | Max Discount | **Floor Price** | **Max Discount** |
| E-20T | 0.03334 | 5.5% | 0.01077 | 69.5% | **0.03415** | **3.2%** |
| E-20P | 0.03415 | 36.0% | 0.02518 | 52.8% | **0.05029** | **5.7%** |
| E-20S | 0.03745 | 41.8% | 0.02667 | 58.6% | **0.05429** | **15.7%** |
| E-19P | 0.03871 | 39.8% | 0.03062 | 52.4% | **0.05925** | **7.8%** |
| E-19S | 0.03857 | 45.7% | 0.03212 | 54.7% | **0.06060** | **14.6%** |
| A-10S | 0.04629 | 45.8% | 0.03712 | 56.5% | **0.07037** | **17.6%** |

# APPENDIX E

**August 7, 2012 scoping memo & Assigned Commissioner's Ruling: Questions and Responses**

**Updated and Re-filed January 4, 2012**

**August 7 Scoping Memo & Assigned Commissioner's Ruling: Questions and Responses**

| Question | DRA Response |
|---|---|
| 1) Will the proposed EDR Option attract, retain and encourage expansion of companies and reduce unemployment in PG&E's service territory? | Potentially yes, with some caveats. The EDR program, if structured and administered correctly and with appropriate non-participating ratepayer safeguards, could offer the necessary benefits to elicit growth in the state's economy, and to create and retain employment opportunities. However there are indications that unemployment has decreased sharply in California, especially in 2012, and in particular in the most economically distressed counties (Fresno, Kern, and San Joaquin) in PG&E's service area. For example, while Statewide unemployment has decreased by 2.7% from 12.4% in 2010 to 9.7%, unemployment in the 22 economically distressed counties identified by PG&E decreased by an average of 4.8%[1] over the same period, based on the attached reports by the California Employment Development Department ("EDD"). Further, based on these reports, there were, as of September 2012, more persons employed in total in Fresno, Kern, and San Joaquin counties than in the pre-recession year of 2007. This issue is discussed in DRA's Opening Brief Section IV. |

[1] The unweighted average of the unemployment rates for the 22 counties listed in Ex. PG&E-1, Table 2-1, decreased from 17.2% in 2010 to 12.4% in September, 2012, see Attachment 1 to Ex. DRA-2. County level EDD employment reports for the years 2007-2011 and September, 2012 are attached (Attachments 2-7), along with a summary that focuses on the 3 counties (Fresno, Kern, and San Joaquin) that comprise about 75% of the eligible businesses in PG&E's proposed 22 county Enhanced EDR area, see Ex. DRA-2, Attachment 1.

| | |
|---|---|
| 2) Should the Commission continue to require that the EDR maintain the floor price program component that was established in 2005 and modified in 2007? | Yes, with some modification. A floor price is a necessary component of an EDR program; it should be required in order to reasonably ensure that the benefits of EDR to non-participating ratepayers outweigh the risks. The current EDR floor price consists of the sum of nonbypassable charges ("NBCs") and marginal costs ("MCs"). It is necessary to include both components in the price floor to ensure that NBCs are fully funded while not shifting costs caused by EDR participants to nonparticipants. The additive price floor was established in D.07-09-016 and no party has demonstrated that the requirement of an additive price floor in D.07-09-016 should be altered. As a temporary measure, DRA proposes that a modified additive price floor be substituted for the current additive floor price. DRA's floor price proposal is explained in DRA Opening Brief, Section VI, Subsection D.<br><br>DRA proposes a 3-part floor price including the modified additive pricing floor. DRA continues to believe that discounted rates must exceed the sum of non-bypassable charges in each year, and that discounted rates must provide a positive CTM (in present value) over the contract term. For simplicity, DRA now characterizes its floor price proposal as a modified version of the floor price methodology adopted in D.07-09-016. DRA's floor price proposal differs from that adopted in D.07-09-016 in 2 respects: (1) The marginal generation capacity cost is assumed to be zero in recognition of the short-term nature of the EDR discounts, and the lack of short-term need for new generation capacity; and (2) Rather than require the floor to be met in each year, DRA proposes that it be sufficient to meet the floor in present value over the contract term. This would allow larger discounts in the early years of a multi-year EDR contract, assuming that the discount would decrease over the contract term. |
| 3) Is PG&E's proposal to allow a negative distribution rate consistent with the Commission's existing policy? | No. For Direct Access ("DA") and Community Choice Aggregation ("CCA") customers, all rate components with the sole exception of Distribution are nonbypassable and/or nondiscountable. For such customers, a negative distribution rate would be equivalent to discounting one or more nondiscountable rate components, since the total rate would produce insufficient revenue to fully fund all nondiscountable rate components. Therefore the distribution rate cannot be negative for DA and CCA customers. Competitive neutrality requires that distribution rates be the same for similarly situated bundled service and DA/CCA customers. Therefore, negative distribution rates also cannot be allowed for bundled service customers either. See DRA Opening Brief, Section XI, Subsection F and G. |

| | |
|---|---|
| 4) Does the proposed EDR result in discounts to Non-Bypassable Charges if it results in negative distribution rates for some customers? | Yes. DRA Opening Brief, Section XI, Subsection F and G. |
| 5) Is the proposed EDR competitively neutral with respect to Community Choice Aggregators, Energy Service Providers and Irrigation Districts (IDs)? If not, in what respects is the proposed EDR not competitively neutral and how may competitive neutrality be achieved? | No. PG&E's proposed EDR is not competitively neutral with respect to DA and CCA customers relative to bundled services. In some cases, bundled service customers would pay substantially lower bills for distribution service than would similarly situated DA and CCA customers.<br><br>DRA proposes to achieve competitive neutrality for distribution service by imposing a marginal cost floor on distribution rates, and supporting AReM's proposal to prorate EDR discounts for bundled service customers to generation and distribution in proportion to available headroom (defined as the difference between the full tariff rate component and the component marginal cost). Under DRA's EDR proposal, neither bundled service customers nor DA/ CCA customers' distribution rate could be discounted below a marginal cost floor. DRA differs from AReM, however, in that DRA would not allow Direct Access or CCA customers to pay a lower rate for distribution than similarly situated bundled service customers. These DRA proposals would remove unequal treatment of distribution rates (a service received in common by bundled service, DA, and CCA customers) as a potential obstacle to competitive neutrality.<br><br>DRA's proposal does allow PG&E to discount generation rates for bundled service customers, but not below the five-year net present value of marginal generation cost. Such a discount cannot be applied to DA/CCA customers: A utility cannot discount a service that it does not provide. See DRA Opening Brief, Section XI, Subsection G. |

| | |
|---|---|
| 6) Does the proposed EDR (either standard or enhanced) favor large businesses and thereby inadvertently exclude small and medium sized businesses? Should there be a percentage quota established across business category types who enroll in the EDR? | The U.S. Small Business Administration defines "small business" as having fewer than 500 employees. In contrast, eligibility for PG&E's proposed EDR programs is limited to customers with peak electric loads of 200 kW or more. Since there is no direct correlation between number of employees and peak electric demand, some small, but energy intensive businesses may qualify for EDR. However, it is likely that many small and medium businesses are being excluded from EDR. |
| 7) Will the proposed EDR result in benefits to ratepayers as required by Public Utilities Code section 740.4(h)? If so, what are those benefits, and how can those benefits be measured? | PG&E's proposed EDR may or may not result in benefits to ratepayers as required by Public Utilities Code section 740.4(h). Net benefits to ratepayers equate to the contribution to margin ("CTM") from attracted or retained "at risk" customers, less the revenue shortfall due to discounts provided to "free riders". Net benefits may also be enhanced to the extent of utility shareholder contributions to the cost of discounts or to offset any negative CTM. However, PG&E proposes no shareholder participation.<br><br>PG&E's proposed 35% enhanced EDR Option discount, combined with its proposed elimination of the current EDR floor price and the easing of some current eligibility requirements, greatly increases both the risk of negative CTM, and the risk of free riders, relative to the current EDR program. While PG&E has calculated that its proposals will produce a positive CTM over 10 years in all cases, the 5-year CTM is negative for some of its proposed enhanced EDR Option cases. This poses the risk of negative CTM if customers leave shortly after, or even before, the expiration of their 5-year EDR contracts or if customers serve another term on a discounted rate. The risk of negative CTM also is increased, relative to the current EDR, by PG&E's proposed discontinuance of an annual "true-up" of customer bills for changes in the marginal cost.<br><br>As proposed, the negative 5-year CTM, together with the increased risk of free-riders, PG&E's enhanced EDR program will not benefit ratepayers and the standard EDR program may not benefit ratepayers under certain scenarios. See DRA Opening Brief Section V. |

| | |
|---|---|
| 8) Does the Commission have authority, broader than that provided in section 740.4(h), to undertake programs to foster and encourage economic development? | The Commission's economic development authority is broader than §740.4(h). PUC §740.4(a) specifies the Commission's authority to authorize the utilities to engage in programs to encourage economic development. Section 740.4(c) enumerates a broad list of economic development activities included under the Commission's purview. PUC §740.4(h) gives the Commission the authority to approve rate recovery and regulate PG&E's proposed EDR program. This question is address in Section V of DRA's Opening Brief. |
| 9) Must the proposed EDR schedule of rates generate a positive contribution to margin in order to comply with section 740.4(h), or are there other benefits that will suffice to demonstrate compliance with this statutory requirement? | Yes. Each EDR customer contract must generate a positive contribution to margin over the 5-year term of the EDR contract on an ex ante basis in order to comply with PUC §740.4(h). DRA recognizes that the EDR program could benefit ratepayers in other indirect ways. These indirect benefits are not sufficient to satisfy the ratepayer benefit requirement in PUC §740.4(h). Indirect benefits cannot substitute for the requirement of a positive ex ante contribution to margin over the 5-year term of the EDR contract. See DRA Opening Brief, Section V. |
| 10) Are there discriminatory impacts in offering the enhanced EDR in counties with unemployment levels at 125% or more above the state average? Should customers outside those geographic areas bear the costs of the deeper discount? Should the economic development needs of counties with higher unemployment obtain an advantage over economic development needs of other counties? | DRA has not prepared a response to this question. |

| | |
|---|---|
| 11) Should the Commission deny PG&E the ability to offer an EDR discount in the areas where it competes with Merced ID and Modesto ID and already has the statutory ability to offer discounts? | DRA has not prepared a response to this question. |
| 12) Do the geographic distinctions in the proposed EDR comport with laws prohibiting rates that grant preferences or advantages to some customers and that prejudice and disadvantage others? | DRA has not prepared a response to this question. |
| 13) Does California Environmental Quality Act require the Commission to review the environmental impact of any EDR agreements that PG&E proposes to execute? | DRA has not prepared a response to this question. |
| 14) What provisions of an EDR are necessary in order to avoid conflicts with the existing legislative framework relative to competition between PG&E and Modesto ID and PG&E<br>and Merced ID? | DRA has not prepared a response to this question. |

| | |
|---|---|
| 15) Are the proposed 12% and 35% EDR discount rates the most appropriate discount rates? | No. DRA has no objection to the 12% standard EDR Option discount, but has determined that the PG&E's proposed 35% enhanced EDR Option discount would result in a negative CTM in some cases, over the proposed five-year contract term. See DRA Opening Brief, Section V, Subsection D.<br><br>DRA has proposed a five-year discount schedule, beginning at 35% but declining year by year, such that the five-year CTM is positive in all cases. See DRA Opening Brief, Section XI. . |
| 16) Should the Commission remove the 200 MW participation cap it currently requires as an element of PG&E's current EDR? | No. The Commission should retain the 200 MW participation cap in order to limit the risk to non-participating ratepayers. See DRA Opening Brief, Section X, Subsection A. |
| 17) Should the Commission modify the EDR participation verification requirements by eliminating the current requirement that the Office of California Business Investment Services conduct an independent evaluation of a customer's eligibility for Economic Development Rates? | No. The Commission should retain the requirement that the Office of California Business Investment Services (CalBIS) conduct an independent evaluation of a customer's eligibility for the EDR program. CalBIS has the necessary expertise to evaluate EDR applications and to determine if customers meet the program's minimum qualifications. Third party oversight is a vital tool to discourage free riders from obtaining EDR discounts. CalBIS is the appropriate third party to conduct review of EDR applications because it is an expert in economic development. CalBIS is aware of the economic development programs other states offer and therefore can quickly and effectively evaluate EDR applicants' discussion of other locations they are considering. See DRA Opening Brief, Section X, Subsection B. |

| | |
|---|---|
| 18) Should the Commission establish a requirement that all EDR Agreements must contain a provision that requires cost-effective conservation or other equivalent demand-side management and load reduction discussions between PG&E and the applicant? Should any post discussion actions be required? | Yes. The Commission should require PG&E to conduct an energy audit of EDR program applicants and discuss cost effective conservation and demand side management programs with applicants. The Commission also should consider requiring EDR customers to implement cost effective energy efficiency and demand side management measures with a two-year payback period. See DRA Opening Brief, Section X, Subsection F. |
| 19) Should potential EDR customers be required to demonstrate that electricity makes up a threshold percentage of operating costs in order to qualify for the EDR discount? | Yes. The Commission should require EDR customers to demonstrate that electricity makes up at least 5% of their operating costs in order to qualify for the EDR discount. The Commission should require the customer affidavit to include a provision that electricity costs constitute at least 5% of the customer's operating expenses. This requirement helps to ensure that participation in the EDR program is limited to those for whom it will have a meaningful impact. Also, the requirement protects the integrity of the EDR program by making it available only to businesses for which energy is a material cost. The 5% requirement is a very low threshold, especially considering that it excludes the cost of raw materials. Given the large amount of retention customers who could potentially be eligible for this program, participation in the EDR program must be limited in order to protect nonparticipating ratepayers.<br><br>The Commission adopted a 5% threshold in prior EDR proceedings, Decision 05-09-018 and Decision 10-06-015. The 5% threshold is the result of settlement negotiations that took place for the 2005-2010 EDR program application. It represents a threshold that a range of parties representing different interests eventually agreed was fair and reasonable. The fact that the settling parties in Decision 10-09-015, which extended the 2005-2010 EDR program until December 31, 2012, decided to retain this requirement and the Commission approved it, further affirms the requirement's utility as well as the reasonableness of the 5% threshold. This requirement should be retained because it serves an important purpose; limiting EDR eligibility |

| | |
|---|---|
| | to businesses that need it the most and past Commission precedent supports it. See DRA Opening Brief, Section X, Subsection C. |
| 20) Is there value in the current requirement that the "Customer Affidavit" be signed "under penalty of perjury" in attesting that but for this rate, the business would not expand, stay in, or come to California? | Yes. The Customer Affidavit is the primary tool in the EDR programs that discourages free-riders from participating in the EDR program. The customer affidavit has been an element of the past two EDR programs.[2] The affidavit ensures that the program achieves its stated mandate, "to be available to businesses… that are locating, retaining or expanding major business facilities with at least 200 kW of load and that are also actively pursuing out-of-state location options for that load or would otherwise cease operations."[3] The affidavit is an important screening mechanism of the EDR program because it confirms that program participants are in fact actively considering out-of-state location options or considering ceasing operations. According to the Commission, the affidavit serves a key function, "it requires the applicant, under penalty of law, to assert that were it not for the Agreement it would have failed to expand, relocate or add its load in the State of California."[4] The affidavit requirement should be retained because it protects the integrity of the EDR program and the Commission has affirmed its value. See DRA Opening Brief, Section X, Subsection C. |
| 21) Should the enhanced EDR option be for a more limited or a different term than the standard EDR option? | Yes, unless either (1) DRA's declining discount proposal is adopted, or (2) new marginal costs adopted in the 2014 and 2017 GRCs are reflected in discounts as proposed in DRA's rebuttal at p.1-2 and p.1-14. If neither of these provisions is adopted, then Enhanced EDR contract terms should be limited to three years, as described in DRA Opening Brief, Section X, Subsection D. |
| 22) Should there be a limit on the number of times that a customer's EDR participation may be extended for another term? | Yes. PG&E now proposing that the next EDR proceeding could determine whether or not customers receiving an EDR discount authorized in this proceeding could subsequently apply for another one. DRA accepts this revised proposal. However, it is important to recognize that a second EDR term in a 2017 EDR renewal program would invalidate PG&E's 10-year CTM analyses, which (except for certain sensitivity cases) are based on the assumption that the customer will return to full tariff rates, after 5 years. See DRA Opening Brief, Section X, Subsection D. |

[2] D 05-09-018, p.24; D 10-06-015, p.14.

[3] Ex. PG&E-1, p.6.

[4] D 05-09-018, p. 16.

| | |
|---|---|
| 23) What provisions of an EDR are necessary to guard against free-riders? | The following provisions are necessary to guard against free-riders: (1) the customer affidavit signed under penalty of perjury, (2) limiting EDR program participation to customers for whom electricity costs constitute at least 5% of their operating expenses, (3) the CalBIS review and approval of applications; (4) inclusion of a non-assignability clause in EDR contracts, and (5) inclusion of liquidated damages clauses covering premature termination of EDR customer contracts as well as misrepresentation or fraud. See DRA Opening Brief, Section X. |
| 24) Which elements of the current floor price (e.g. generation marginal costs) have decreased the headroom available for discounting rates? Would modifying the terms of discounting floor price elements (e.g. indexing the price of natural gas to generation rate discounts) significantly increase the headroom available for discounting rates? | The headroom for EDR discounts can be affected by changes in the marginal cost of energy (MEC), which, in turn, is sensitive to fluctuations in the market price of natural gas. In the current EDR program, increases in MEC have caused the EDR price floor to increase. In the current program, the marginal cost floor is enforced annually and retroactively, in some cases causing customers to be back-billed for previous discounts received.<br><br>DRA does not object to PG&E's proposal to index its forecast of MEC to the price of natural gas. Assuming forecasts are unbiased, indexing should, as a general rule, neither increase nor decrease the amount of headroom available for discounts. In the particular case of PG&E's application, natural gas prices have declined relative to those assumed in PG&E's 2011 GRC Phase 2 Settlement, and PG&E's indexing proposal would increase the headroom for discounting. However, if natural gas prices increase over the next ten years, the headroom available for discounting would decrease. In this case, a continued 35% discount could result in a negative CTM.<br><br>DRA's proposed marginal cost and modified additive price floors use a weighted average of PG&E's indexed MEC value and the Settlement MEC. DRA recommends that EDR contracts reflect changes to marginal costs when they are updated in the 2014 and 2017 GRCs, as explained in DRA Opening Brief, Section XI. |
| 25) Does the existence of a price floor act as a disincentive to business participation in the EDR program? | No. The existence of a price floor should not, *per se*, act as a disincentive to business participation in the EDR program. Of course, the *level* of the floor will constrain the amount of discount available, and may, in some cases, act as a disincentive to business participation in the EDR program. Of greater concern than the existence of a price floor is the manner in which it is applied. The currently required after-the-fact annual review and true up is probably a disincentive to business participation in the EDR program, because it introduces considerable uncertainty in customers' final costs for energy. See DRA Opening Brief, Section VI, |

| | |
|---|---|
| | Subsection D. |
| 26) Should the Commission eliminate the currently required after-the-fact annual review and true up that ensures that the discounted rates charged remained above the floor price? | Yes, for reasons stated in DRA's response to Question 25. |
| 27) Should contribution to margin be required of each participant, or of the program generally? | A positive contribution to margin (CTM) should be required of each participant over the term of its EDR contract, on an ex ante (forecast) basis only. For the proposed five-year contract term, each contract must show a positive five-year net present value of CTM, on a forecast basis.<br><br>As a general principle, DRA believes that each participant should be required to demonstrate a positive CTM, on an ex ante (forecast) basis. Ideally, such a demonstration would be on a customer-specific basis, relative to the marginal costs associated with the customer's actual location. While such an approach has been followed in some previous Commission proceedings which authorized discounts,[5] DRA recognizes that it would be burdensome to require a full, customer-specific marginal cost analysis for each EDR applicant, and accepts PG&E's use of separately averaged distribution marginal costs for constrained and unconstrained areas as a reasonable proxy for a customer-specific CTM calculation. See DRA Opening Brief, Section V, Subsection D. .<br><br>DRA believes that each EDR program must stand on its own in passing the ratepayer benefits test. For example, a positive CTM from a "Standard" EDR program should not be combined with, and mask, a negative CTM from an "Enhanced" EDR program. See, DRA Opening Brief Section V, Subsection E.<br><br>Finally, the Utility should be required to track EDR aggregate portfolio CTM on an ex post basis, and shareholders should be responsible for 100% of any negative CTM cumulated through year 10 (i.e., 2022). See DRA Opening Brief, Section XII, Subsection A. |

[5] For example, the Expedited Application Docket proceedings which followed D.92-11-052

| | |
|---|---|
| 28) Should contribution to margin be calculated annually, or over some other time period? | PG&E should be required to calculate, track, and report CTM annually by contract and for the EDR portfolio, both on an ex ante and an ex post basis. See DRA's response to Question 27. |
| 29) What must the Commission do in order to ensure that rates remain just and reasonable rates for non-EDR participants? | First and foremost, the Commission must continue to set a floor price on EDR rates, which includes the sum of marginal costs and nonbypassable charges, to ensure that nonbypassable costs are fully funded and that the marginal costs of serving EDR customers are not shifted to nonparticipating ratepayers. Second, the Commission must reject PG&E's proposal to allow negative distribution rates. PG&E's proposed negative distribution rates would, in some cases, discount nondiscountable rate components, violate competitive neutrality, and would be contrary to sound public policy. Third, the Commission should tighten the current EDR programs safeguards against free riders, rather than relaxing those safeguards as PG&E proposes. Fourth, if the Commission chooses to allow a fixed discount percentage for Enhanced EDR as proposed by PG&E, then it must either (1) shorten the contract term to three years, or require PG&E to reflect newly adopted 2014 GRC and 2017 GRC marginal costs as described in DRA's rebuttal at p.1-14. Finally, the Commission should require PG&E's shareholders, if they wish to voluntarily offer EDR discounts at ratepayer expense, to assume the risk of the 10-year net present value of the CTM turning negative. Otherwise, there is risk that ratepayers will not benefit from the EDR program, contrary to the requirements of P.U. Code Section 740.4 (h). See DRA Opening Brief, Section V. |
| 30) Should PG&E shareholders bear some of the costs of any rate increases to non-EDR program participants that occur because of the rate reductions given to EDR program participants? | Yes. The Commission should require shareholders to bear 25% of the cost of the EDR discounts, assuming that a floor price is retained substantially as proposed by DRA. If the floor price is removed, as PG&E proposes, then shareholders should bear 50% of the cost of the EDR discounts in light of the substantially greater risk to ratepayers from absence of a floor price. The Commission does have the discretion to allocate all or some portion of the cost of voluntary EDR discounts to shareholders. See DRA Opening Brief, Section XII, Subsection B. |

| | |
|---|---|
| 31) Should there be a provision that requires shareholders to bear the cost of the EDR rate differential if an *ex-post* review of the program reveals that it has not resulted in benefits to ratepayers? | Yes. The Commission should require shareholders to bear 100% of the cost of the EDR rate differential if an ex-post review of the EDR program reveals that it has not resulted in a positive CTM after 10 years. DRA believes that such a requirement follows from the ratepayer benefit condition of P.U. Code 740.4 (h). PG&E designed its proposed EDR program to generate a positive CTM over 10 years, but it cannot guarantee that customers will continue to take PG&E service for the full 10 year period. Further, PG&E's rebuttal testimony states that the program can be evaluated in Phase 2 of the 2017 GRC and that customers participating in the EDR program should not be precluded from qualifying for any subsequent EDR program.[6] This means that EDR customers could receive a substantial EDR discount for more than 5 years. Also, under PG&E's proposal, the EDR program will be open to new participants until December 31, 2017, which means that new contracts can be signed until that point and then will be effective for the following 5 years.[7] Marginal costs could rise dramatically over the next 10 years, which could result in EDR customers generating a negative CTM; therefore, it is necessary to protect ratepayers from this risk. PG&E should be required to stand behind its testimony, and if an ex-post review of the program reveals that it has not generated a positive CTM after 10 years, PG&E shareholders should be required to fund the recovery of that negative CTM. See DRA Opening Brief, Section XII, Subsection A. . |

[6] Ex. PG&E-4, p. 2-9.

[7] Ex. PG&E-4, Chapter 2, p. 2-9, FN 6.

| | |
|---|---|
| 32) To what extent have previously authorized EDR programs accomplished these objectives? | The recent past EDR programs contained substantial ratepayer benefit assurances because they enforced strict price floors that guaranteed the EDR program would generate a positive CTM. The past EDR programs did not document secondary ratepayer benefits. No job reporting or economic analysis was required for the past programs. Decision 05-09-018 required annual reports to the Commission listing all EDR applicants, the contents of the CalBIS review for these applicants, and the utilities' final selection of EDR candidates. In addition, Decision 10-06-015 required the reports to include a flow chart describing the Utilities' EDR screening and enrollment processes, and for new EDR customers, the amount paid to the utility above the floor price and the discount provided relative to the customer's Otherwise Applicable Tariff.<br><br>The EDR annual reports provide some indication of the EDR program's success, the number of applicants, the number of EDR contracts signed, and what type of customers (attraction, expansion, and retention) signed EDR program contracts. The reporting requirements listed in Decision 10-06-015 provide information about ratepayer benefits because they include the amount paid above the floor price, which is indicative of a positive CTM the customer contributed. See DRA Opening Brief, Section X, Subsection E. |
| 33) Should the EDR include a requirement that each participant provide a good faith ex ante projection of the number of jobs the discounted rate will produce, and an accurate ex-post assessment of what jobs were actually created? | No and Yes. The Commission should not require EDR participants to provide a good faith ex ante projection of the number of jobs that discounted rate will produce. But the customer should be required to provide such data to PG&E one year after the customer has begun service under the Enhanced EDR program. The customer should provide the number of California jobs created or retained due to the applicant maintaining, locating, or expanding their operations within California, as well as occupational classifications for these jobs and an average of the pay and benefits for these jobs. PG&E should be required to include this employment data in its annual EDR reports. See DRA Opening Brief Section X, Subsection E. |

| | |
|---|---|
| 34) Question added December 11, 2012. Should the Commission ensure that the EDR Program complies with the "benefit to ratepayers" requirement of Public Utilities Code Section 740.4(h) by requiring that an EDR customer's reduction in contribution to margin be proportionate to the number of jobs actually retained or created by that customer? If not, how may the Commission measure the benefits to ratepayers attributed to the number of jobs created by the EDR program? | No. The Commission should not require that an EDR customer's reduction in CTM be proportionate to the number of jobs actually retained or created by that customer. Jobs created or retained are a societal benefit and not a direct ratepayer benefit which is measured by the CTM provided by customers who would otherwise not take utility service in California, but for the EDR discount. While jobs created can be an indirect benefit of EDR, it is not the only indirect benefit and it varies depending on the quality of the job created. Lastly, to the extent that California or local government wishes to boost employment, tax and other incentives are arguably a better means than via electric rate incentives. See DRA Opening Brief, Section V, Subsection C. |