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TABLE 1. Updated Natural Gas Long-Run Forecast**(Nominal \$/MMBTU)***

Year	EIA 1/2006	CEC IEPR	SoCal Gas 4/2/04	Updated Average	4/7/05 Average	% Change
2006	7.73	4.25	5.06	5.68	4.82	18%
2007	7.04	4.32	5.16	5.51	4.80	15%
2008	6.77	4.17	5.12	5.35	4.72	13%
2009	6.39	5.71	5.04	5.71	4.75	20%
2010	6.14	4.33	5.02	5.16	4.80	8%
2011	5.98	5.67	5.00	5.55	4.89	13%
2012	6.05	5.25	4.98	5.43	5.03	8%
2013	6.31	6.18	4.96	5.82	5.18	12%
2014	6.34	5.83	5.10	5.76	5.43	6%
2015	6.25	6.70	5.25	6.07	5.66	7%
2016	6.32	6.80	5.39	6.17	5.81	6%
2017	6.59	6.91	5.55	6.35	5.97	6%
2018	7.04	7.48	5.72	6.75	6.25	8%
2019	7.45	8.08	5.89	7.14	6.55	9%
2020	7.73	8.19	5.96	7.30	6.81	7%
2021	8.16	8.31	6.15	7.54	7.10	6%
2022	8.52	8.70	6.34	7.85	7.36	7%
2023	8.87	9.10	6.54	8.17	7.60	7%
2024	9.30	9.38	6.75	8.48	7.89	7%
2025	9.77	9.67	6.96	8.80	8.19	7%

* Gray area from 2006 through 2011 is not used in computation of avoided costs, gas futures data from NYMEX is used through 2011. Shaded area from 2012 to 2014 is the transition period. During the transition period, the natural gas forecast is a blend of NYMEX futures and the Long-Run gas forecast.

The current E3 methodology uses an average of the EIA, CEC and SoCalGas forecasts as the input stream for calculating electric generation avoided costs. This table shows the long-run (also referred to as “fundamental”) gas price forecasts based on an average of these updated forecasts. Note that only the values in 2015 and later are used in either gas or electric avoided cost calculations.¹

The SoCalGas 4/2/04 forecast was originally provided as inputs to the 2004 California Gas Report. It was subsequently used in the 2004 Market Price Referent (MPR) Staff Report as one of several natural gas price forecasts that were averaged together. In April 2005, parties agreed to use the three non-proprietary fundamental gas price forecasts from the MPR staff report as inputs to the E3 avoided cost update. In February 2006,

¹ The Final Report incorrectly refers to these values as “Henry Hub.” These values are derived from forecasts for delivery in California. However, after 2007, the E3 methodology assumes no basis spread between Henry Hub and California delivery points, so there is no difference between the Henry Hub and the “delivered to utility” forecast prices

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parties agreed that the EIA and CEC fundamental gas price forecasts should be updated. SoCal Gas informed parties at the February workshop that an update to their forecast was not available. The updates to the CEC and EIA forecasts are described in the Final Report, on pages 36-37.

2. Natural Gas Forecast (Wholesale to the Natural Gas Utility)

(Nominal \$/MMBTU)

	PG&E			SoCal Gas			SDG&E		
	June 2005 Filing (Nominal \$/MMBTU)	March 2006 Update (Nominal \$/MMBTU)	% Change	June 2005 Filing (Nominal \$/MMBTU)	March 2006 Update (Nominal \$/MMBTU)	% Change	June 2005 Filing (Nominal \$/MMBTU)	March 2006 Update (Nominal \$/MMBTU)	% Change
2006	6.86	8.15	19%	6.50	7.84	21%	6.50	7.84	21%
2007	6.45	8.88	38%	6.10	8.45	38%	6.10	8.45	38%
2008	6.04	8.54	41%	6.04	8.02	33%	6.04	8.02	33%
2009	5.71	8.61	51%	5.71	7.53	32%	5.71	7.53	32%
2010	5.45	8.12	49%	5.45	7.23	33%	5.45	7.23	33%
2011	5.35	7.70	44%	5.35	7.70	44%	5.35	7.70	44%
2012	5.28	7.29	38%	5.28	7.29	38%	5.28	7.29	38%
2013	5.21	6.88	32%	5.21	6.88	32%	5.21	6.88	32%
2014	5.43	6.47	19%	5.43	6.47	19%	5.43	6.47	19%
2015	5.66	6.07	7%	5.66	6.07	7%	5.66	6.07	7%
2016	5.81	6.17	6%	5.81	6.17	6%	5.81	6.17	6%
2017	5.97	6.35	6%	5.97	6.35	6%	5.97	6.35	6%
2018	6.25	6.75	8%	6.25	6.75	8%	6.25	6.75	8%
2019	6.55	7.14	9%	6.55	7.14	9%	6.55	7.14	9%
2020	6.81	7.30	7%	6.81	7.30	7%	6.81	7.30	7%
2021	7.10	7.54	6%	7.10	7.54	6%	7.10	7.54	6%
2022	7.36	7.85	7%	7.36	7.85	7%	7.36	7.85	7%
2023	7.60	8.17	7%	7.60	8.17	7%	7.60	8.17	7%
2024	7.89	8.48	7%	7.89	8.48	7%	7.89	8.48	7%
2025	8.19	8.80	7%	8.19	8.80	7%	8.19	8.80	7%
2026	8.44	9.06	7%	8.44	9.06	7%	8.44	9.06	7%
2027	8.71	9.36	7%	8.71	9.36	7%	8.71	9.36	7%
2028	8.98	9.63	7%	8.98	9.63	7%	8.98	9.63	7%
2029	9.25	9.92	7%	9.25	9.92	7%	9.25	9.92	7%
2030	9.52	10.23	7%	9.52	10.23	7%	9.52	10.23	7%

This table shows prices delivered to the utility (Topock for SoCalGas and SDG&E and PG&E CityGate for PG&E).

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The data are as follows:

Source	March 2006 Filing
NYMEX Futures and Basis Swaps	2006-2007
NYMEX Futures	2008-2011
Transition between NYMEX and Fundamentals Long-run Forecasts	2012-2014
Fundamentals Long-run Forecast (From Table 1)	2015 onward

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Table 3. Natural Gas Price Forecast. Delivered to Electric Generators
(Nominal \$/MMBTU)

	PG&E			SoCal Gas			SDG&E		
	June 2005 Filing (Nominal \$/MMBTU)	March 2006 Update (Nominal \$/MMBTU)	% Change	June 2005 Filing (Nominal \$/MMBTU)	March 2006 Update (Nominal \$/MMBTU)	% Change	June 2005 Filing (Nominal \$/MMBTU)	March 2006 Update (Nominal \$/MMBTU)	% Change
2006	7.09	8.39	18%	6.97	8.33	19%	6.87	8.21	19%
2007	6.68	9.12	37%	6.58	8.96	36%	6.48	8.83	36%
2008	6.26	8.78	40%	6.52	8.53	31%	6.43	8.40	31%
2009	5.93	8.86	49%	6.19	8.04	30%	6.10	7.92	30%
2010	5.67	8.37	48%	5.93	7.75	31%	5.85	7.63	31%
2011	5.58	7.95	43%	5.84	8.23	41%	5.76	8.11	41%
2012	5.51	7.54	37%	5.78	7.83	35%	5.70	7.71	35%
2013	5.44	7.13	31%	5.72	7.42	30%	5.64	7.31	30%
2014	5.66	6.72	19%	5.95	7.01	18%	5.86	6.91	18%
2015	5.91	6.31	7%	6.20	6.61	7%	6.11	6.51	7%
2016	6.06	6.42	6%	6.35	6.72	6%	6.26	6.63	6%
2017	6.23	6.61	6%	6.53	6.91	6%	6.44	6.81	6%
2018	6.51	7.01	8%	6.82	7.32	7%	6.72	7.22	7%
2019	6.82	7.41	9%	7.13	7.73	8%	7.03	7.62	8%
2020	7.09	7.58	7%	7.41	7.90	7%	7.30	7.79	7%
2021	7.38	7.83	6%	7.71	8.16	6%	7.60	8.04	6%
2022	7.65	8.15	7%	7.99	8.49	6%	7.87	8.37	6%
2023	7.90	8.47	7%	8.24	8.82	7%	8.13	8.69	7%
2024	8.19	8.79	7%	8.55	9.14	7%	8.42	9.01	7%
2025	8.50	9.12	7%	8.86	9.48	7%	8.73	9.34	7%
2026	8.76	9.38	7%	9.13	9.75	7%	8.99	9.61	7%
2027	9.04	9.69	7%	9.41	10.07	7%	9.28	9.92	7%
2028	9.31	9.97	7%	9.70	10.35	7%	9.56	10.20	7%
2029	9.59	10.26	7%	9.98	10.66	7%	9.84	10.50	7%
2030	9.87	10.59	7%	10.27	10.99	7%	10.12	10.83	7%

This is Table 2 plus natural gas delivery charges and surcharges for electric generators.

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Table 4. Electric Generation Avoided Costs**Includes all adders and multipliers except for transmission and distribution (T&D).**

	PG&E			SDG&E			SCE		
	June 2005 Filing (Nominal \$/MWh)	March 2006 Update (Nominal \$/MWh)	% Change	June 2005 Filing (Nominal \$/MWh)	March 2006 Update (Nominal \$/MWh)	% Change	June 2005 Filing (Nominal \$/MWh)	March 2006 Update (Nominal \$/MWh)	% Change
2006	79.49	69.51	-13%	81.14	70.79	-13%	81.27	70.91	-13%
2007	74.70	81.86	10%	77.30	82.93	7%	77.42	83.06	7%
2008	75.56	96.07	27%	77.41	92.56	20%	76.96	93.96	22%
2009	73.50	97.33	32%	75.40	89.34	18%	74.98	90.65	21%
2010	72.03	93.98	30%	73.99	87.69	19%	73.60	88.96	21%
2011	72.11	91.42	27%	74.13	92.40	25%	73.74	93.74	27%
2012	72.40	88.92	23%	74.48	90.02	21%	74.10	91.30	23%
2013	72.73	86.46	19%	74.87	87.69	17%	74.50	88.90	19%
2014	75.44	84.04	11%	77.63	85.40	10%	77.24	86.54	12%
2015	78.36	81.67	4%	80.61	83.15	3%	80.21	84.23	5%
2016	80.57	83.56	4%	82.88	85.09	3%	82.46	86.19	5%
2017	83.00	86.08	4%	85.37	87.66	3%	84.94	88.79	5%
2018	86.40	90.48	5%	88.84	92.06	4%	88.39	93.26	6%
2019	90.01	94.88	5%	92.51	96.47	4%	92.04	97.74	6%
2020	93.43	97.39	4%	96.00	99.03	3%	95.51	100.33	5%
2021	97.09	100.70	4%	99.73	102.38	3%	99.22	103.73	5%
2022	100.59	104.63	4%	103.31	106.35	3%	102.77	107.75	5%
2023	104.01	108.66	4%	106.81	110.42	3%	106.26	111.88	5%
2024	107.67	112.49	4%	110.54	114.28	3%	109.97	115.79	5%
2025	111.50	116.49	4%	114.44	118.32	3%	113.85	119.89	5%

This is a combination of market forwards in 20067 and 2007, then long-run marginal cost (LRMC) of a combined cycle combustion turbine (CCGT) in years 2008 onward. The CCGT LRMC uses the natural gas prices from Table 3.

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Table 5. Natural Gas Avoided Costs (commodity and environmental) for Gas Energy Efficiency Measures

1. The natural gas avoided costs vary by month. This variation is not needed for calculating an annual average LRMC for a CCGT, but it does matter for gas efficiency measures.
2. The natural gas avoided costs vary by the type of combustion device being affected. Different devices will have different air emissions for the same therm of natural gas input. This results in slightly different environmental costs for the different devices. It is assumed that residential measures reduce emissions that are consistent with a furnace, and commercial customers reduce emissions that are consistent with a small boiler that does not have emission controls installed. (These assumptions have been in place since the marginal costs were produced for energy efficiency evaluation in April 2005).

These avoided costs start with the values in Table 2, apply the monthly price shape exhibited by the NYMEX data, adjust for losses and unaccounted for, and then add on the environmental costs (based on furnace or small boiler emission rates).

Like electricity avoided costs, gas T&D avoided costs remain unchanged. The gas T&D avoided costs can be found in Tables 32 and 33 on page 138 of E3's October 25, 2004 Methodology and Forecast report.

PG&E Gas Avoided Commodity and Environmental Cost - Residential (\$Nominal / Therm)

	January	February	March	April	May	June	July	August	September	October	November	December
2006	1.101	0.840	0.787	0.908	0.903	0.904	0.900	0.910	0.913	0.914	0.990	1.067
2007	1.124	1.124	1.104	0.957	0.936	0.942	0.949	0.955	0.957	0.963	1.000	1.058
2008	1.104	1.103	1.083	0.925	0.905	0.910	0.915	0.920	0.921	0.927	0.957	1.015
2009	1.139	1.138	1.116	0.920	0.899	0.905	0.911	0.916	0.918	0.924	0.982	1.039
2010	1.088	1.083	1.065	0.875	0.856	0.861	0.866	0.871	0.871	0.878	0.935	0.992
2011	1.046	1.044	1.023	0.845	0.827	0.832	0.837	0.842	0.842	0.847	0.900	0.953
2012	1.001	0.997	0.980	0.811	0.793	0.798	0.802	0.807	0.807	0.813	0.865	0.960
2013	0.960	0.957	0.941	0.781	0.765	0.769	0.773	0.777	0.778	0.783	0.832	0.922
2014	0.921	0.917	0.903	0.752	0.737	0.740	0.745	0.748	0.749	0.754	0.800	0.884
2015	0.882	0.878	0.865	0.724	0.709	0.713	0.717	0.720	0.721	0.726	0.768	0.848
2016	0.906	0.902	0.888	0.745	0.730	0.734	0.738	0.741	0.742	0.747	0.790	0.871
2017	0.939	0.935	0.921	0.774	0.758	0.762	0.766	0.770	0.770	0.775	0.820	0.903
2018	1.000	0.996	0.981	0.824	0.808	0.812	0.816	0.820	0.821	0.826	0.874	0.962
2019	1.061	1.057	1.041	0.875	0.858	0.863	0.867	0.871	0.872	0.877	0.928	1.021
2020	1.095	1.091	1.075	0.905	0.888	0.892	0.897	0.901	0.902	0.907	0.959	1.054
2021	1.141	1.137	1.120	0.945	0.927	0.932	0.936	0.941	0.941	0.947	1.001	1.099
2022	1.197	1.193	1.175	0.993	0.974	0.979	0.984	0.988	0.989	0.995	1.050	1.153

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2023	1.255	1.250	1.232	1.042	1.023	1.027	1.033	1.037	1.038	1.044	1.102	1.209
2024	1.308	1.303	1.284	1.087	1.067	1.072	1.077	1.082	1.083	1.089	1.149	1.260
2025	1.364	1.359	1.339	1.135	1.114	1.119	1.124	1.130	1.130	1.137	1.199	1.314
2026	1.412	1.407	1.387	1.176	1.155	1.160	1.166	1.171	1.172	1.179	1.243	1.361
2027	1.465	1.460	1.439	1.222	1.199	1.205	1.211	1.217	1.217	1.224	1.291	1.413
2028	1.516	1.510	1.489	1.265	1.242	1.248	1.254	1.260	1.260	1.268	1.336	1.461
2029	1.568	1.562	1.540	1.309	1.286	1.292	1.298	1.304	1.305	1.312	1.382	1.512
2030	1.623	1.618	1.595	1.357	1.332	1.338	1.345	1.351	1.352	1.360	1.432	1.565

Based on residential furnace

SoCalGas Gas Avoided Commodity and Environmental Cost - Residential (\$Nominal / Therm)

	January	February	March	April	May	June	July	August	September	October	November	December
2006	1.052	0.807	0.754	0.861	0.859	0.862	0.867	0.876	0.881	0.874	0.961	1.037
2007	1.075	1.075	1.055	0.906	0.886	0.892	0.899	0.905	0.906	0.913	0.951	1.009
2008	1.054	1.053	1.033	0.863	0.844	0.849	0.854	0.859	0.860	0.866	0.895	0.952
2009	1.022	1.021	0.999	0.804	0.784	0.790	0.796	0.801	0.803	0.809	0.866	0.923
2010	0.991	0.987	0.969	0.780	0.761	0.766	0.771	0.776	0.776	0.782	0.840	0.896
2011	1.040	1.038	1.017	0.841	0.823	0.827	0.832	0.837	0.837	0.842	0.895	0.948
2012	0.995	0.991	0.975	0.806	0.789	0.793	0.798	0.802	0.803	0.809	0.860	0.954
2013	0.955	0.951	0.936	0.777	0.761	0.765	0.769	0.773	0.774	0.779	0.827	0.917
2014	0.916	0.912	0.898	0.748	0.733	0.737	0.741	0.745	0.745	0.750	0.796	0.879
2015	0.877	0.874	0.860	0.720	0.706	0.709	0.713	0.717	0.717	0.722	0.764	0.843
2016	0.901	0.898	0.884	0.741	0.726	0.730	0.734	0.738	0.738	0.743	0.786	0.866
2017	0.934	0.931	0.917	0.770	0.755	0.758	0.762	0.766	0.767	0.772	0.816	0.899
2018	0.995	0.991	0.976	0.820	0.804	0.808	0.812	0.816	0.817	0.822	0.870	0.957
2019	1.056	1.052	1.036	0.871	0.854	0.858	0.863	0.867	0.868	0.873	0.923	1.016
2020	1.090	1.086	1.070	0.901	0.884	0.888	0.893	0.897	0.897	0.903	0.954	1.049
2021	1.136	1.132	1.115	0.940	0.923	0.927	0.932	0.936	0.937	0.943	0.996	1.093
2022	1.191	1.187	1.169	0.988	0.969	0.974	0.979	0.984	0.984	0.990	1.045	1.147
2023	1.249	1.244	1.226	1.037	1.018	1.023	1.028	1.033	1.033	1.040	1.097	1.203
2024	1.301	1.297	1.278	1.082	1.062	1.067	1.072	1.077	1.078	1.084	1.144	1.254
2025	1.357	1.352	1.333	1.129	1.109	1.114	1.119	1.125	1.125	1.132	1.194	1.308
2026	1.405	1.400	1.380	1.171	1.149	1.155	1.160	1.166	1.166	1.173	1.237	1.354
2027	1.458	1.453	1.432	1.216	1.194	1.199	1.205	1.211	1.212	1.219	1.285	1.406
2028	1.508	1.503	1.482	1.259	1.236	1.242	1.248	1.254	1.254	1.262	1.330	1.454
2029	1.560	1.555	1.533	1.303	1.280	1.286	1.292	1.298	1.299	1.306	1.376	1.505
2030	1.615	1.610	1.587	1.350	1.326	1.332	1.339	1.345	1.345	1.353	1.425	1.558

Based on residential furnace

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SDG&E Gas Avoided Commodity and Environmental Cost - Residential (\$Nominal / Therm)

	January	February	March	April	May	June	July	August	September	October	November	December
2006	1.048	0.804	0.752	0.858	0.857	0.859	0.865	0.873	0.878	0.872	0.958	1.034
2007	1.072	1.072	1.052	0.903	0.884	0.889	0.896	0.902	0.903	0.910	0.948	1.005
2008	1.051	1.050	1.030	0.861	0.841	0.846	0.851	0.856	0.858	0.863	0.892	0.949
2009	1.019	1.018	0.996	0.802	0.782	0.788	0.794	0.799	0.800	0.806	0.864	0.920
2010	0.988	0.984	0.966	0.778	0.758	0.763	0.768	0.773	0.774	0.780	0.837	0.893
2011	1.036	1.035	1.014	0.838	0.820	0.825	0.830	0.835	0.835	0.840	0.892	0.945
2012	0.992	0.988	0.972	0.804	0.787	0.791	0.796	0.800	0.800	0.806	0.857	0.951
2013	0.952	0.948	0.933	0.775	0.758	0.762	0.767	0.771	0.771	0.777	0.825	0.914
2014	0.913	0.909	0.895	0.746	0.731	0.734	0.739	0.742	0.743	0.748	0.793	0.877
2015	0.874	0.871	0.858	0.718	0.704	0.707	0.711	0.715	0.715	0.720	0.762	0.841
2016	0.898	0.895	0.881	0.739	0.724	0.728	0.732	0.736	0.736	0.741	0.784	0.864
2017	0.931	0.928	0.914	0.768	0.753	0.756	0.760	0.764	0.765	0.770	0.814	0.896
2018	0.992	0.988	0.973	0.818	0.802	0.806	0.810	0.814	0.815	0.820	0.867	0.954
2019	1.053	1.049	1.033	0.869	0.852	0.856	0.861	0.865	0.865	0.871	0.921	1.013
2020	1.087	1.083	1.067	0.899	0.881	0.886	0.890	0.895	0.895	0.901	0.952	1.046
2021	1.132	1.128	1.112	0.938	0.920	0.925	0.929	0.934	0.934	0.940	0.993	1.090
2022	1.188	1.184	1.166	0.985	0.967	0.971	0.976	0.981	0.981	0.988	1.043	1.144
2023	1.245	1.241	1.223	1.034	1.015	1.020	1.025	1.030	1.030	1.037	1.094	1.200
2024	1.298	1.293	1.274	1.079	1.059	1.064	1.069	1.074	1.075	1.082	1.141	1.250
2025	1.353	1.349	1.329	1.126	1.106	1.111	1.116	1.122	1.122	1.129	1.191	1.304
2026	1.401	1.397	1.376	1.168	1.146	1.152	1.157	1.163	1.163	1.170	1.234	1.351
2027	1.454	1.449	1.429	1.213	1.191	1.196	1.202	1.208	1.208	1.216	1.281	1.402
2028	1.504	1.499	1.478	1.256	1.233	1.239	1.245	1.251	1.251	1.259	1.326	1.451
2029	1.556	1.551	1.529	1.300	1.277	1.283	1.289	1.295	1.295	1.303	1.372	1.501
2030	1.611	1.605	1.583	1.347	1.323	1.329	1.335	1.341	1.342	1.350	1.422	1.554

Based on residential furnace

PG&E Gas Avoided Commodity and Environmental Cost - Commercial (\$Nominal / Therm)

	January	February	March	April	May	June	July	August	September	October	November	December
2006	1.104	0.843	0.790	0.911	0.906	0.906	0.902	0.913	0.915	0.917	0.992	1.069
2007	1.126	1.127	1.107	0.959	0.939	0.945	0.951	0.958	0.959	0.966	1.003	1.061
2008	1.107	1.106	1.086	0.927	0.908	0.912	0.918	0.923	0.924	0.930	0.960	1.017
2009	1.142	1.141	1.119	0.922	0.902	0.908	0.914	0.919	0.921	0.927	0.985	1.042
2010	1.091	1.086	1.068	0.878	0.859	0.863	0.869	0.874	0.874	0.880	0.938	0.995
2011	1.049	1.047	1.026	0.848	0.830	0.835	0.840	0.845	0.845	0.850	0.903	0.956
2012	1.004	1.000	0.984	0.814	0.797	0.801	0.806	0.810	0.811	0.816	0.868	0.963
2013	0.964	0.960	0.945	0.785	0.768	0.773	0.777	0.781	0.782	0.787	0.836	0.925
2014	0.925	0.921	0.907	0.756	0.741	0.745	0.749	0.753	0.753	0.758	0.804	0.888
2015	0.886	0.883	0.870	0.728	0.714	0.717	0.721	0.725	0.725	0.730	0.773	0.852
2016	0.911	0.907	0.894	0.750	0.735	0.739	0.743	0.746	0.747	0.752	0.795	0.876
2017	0.945	0.941	0.927	0.779	0.764	0.768	0.772	0.776	0.776	0.781	0.826	0.909
2018	1.006	1.002	0.987	0.830	0.814	0.818	0.823	0.827	0.827	0.832	0.880	0.968

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2019	1.068	1.064	1.048	0.882	0.865	0.869	0.874	0.878	0.879	0.884	0.935	1.028
2020	1.103	1.099	1.083	0.913	0.895	0.900	0.904	0.909	0.909	0.915	0.967	1.062
2021	1.150	1.146	1.129	0.953	0.935	0.940	0.945	0.949	0.950	0.955	1.009	1.107
2022	1.206	1.202	1.184	1.002	0.983	0.988	0.993	0.997	0.998	1.004	1.060	1.162
2023	1.265	1.260	1.242	1.052	1.033	1.037	1.043	1.047	1.048	1.054	1.112	1.219
2024	1.318	1.314	1.295	1.098	1.077	1.082	1.088	1.093	1.093	1.100	1.160	1.271
2025	1.375	1.371	1.351	1.146	1.125	1.130	1.136	1.141	1.142	1.149	1.211	1.326
2026	1.424	1.419	1.399	1.188	1.167	1.172	1.178	1.183	1.184	1.191	1.255	1.373
2027	1.478	1.473	1.452	1.235	1.212	1.218	1.224	1.230	1.230	1.238	1.304	1.426
2028	1.529	1.524	1.503	1.279	1.256	1.261	1.268	1.273	1.274	1.282	1.350	1.475
2029	1.582	1.577	1.555	1.324	1.300	1.306	1.313	1.318	1.319	1.327	1.397	1.526
2030	1.638	1.633	1.610	1.372	1.348	1.354	1.360	1.366	1.367	1.375	1.447	1.581

Based on small boiler without emission controls

SoCalGas Gas Avoided Commodity and Environmental Cost - Commercial (\$Nominal / Therm)

	January	February	March	April	May	June	July	August	September	October	November	December
2006	1.055	0.810	0.757	0.864	0.862	0.865	0.870	0.878	0.884	0.877	0.964	1.040
2007	1.078	1.078	1.058	0.909	0.889	0.895	0.901	0.908	0.909	0.916	0.954	1.011
2008	1.057	1.056	1.036	0.866	0.846	0.851	0.857	0.862	0.863	0.868	0.898	0.955
2009	1.025	1.024	1.002	0.807	0.787	0.793	0.799	0.804	0.806	0.812	0.869	0.926
2010	0.994	0.990	0.971	0.783	0.764	0.768	0.773	0.778	0.779	0.785	0.843	0.899
2011	1.043	1.041	1.020	0.844	0.826	0.831	0.836	0.841	0.841	0.846	0.898	0.951
2012	0.999	0.995	0.979	0.810	0.793	0.797	0.802	0.806	0.806	0.812	0.863	0.958
2013	0.959	0.955	0.940	0.781	0.764	0.769	0.773	0.777	0.777	0.783	0.831	0.920
2014	0.920	0.916	0.902	0.752	0.737	0.741	0.745	0.749	0.749	0.754	0.800	0.884
2015	0.882	0.878	0.865	0.725	0.710	0.714	0.718	0.721	0.722	0.727	0.769	0.848
2016	0.906	0.903	0.889	0.746	0.732	0.735	0.739	0.743	0.743	0.748	0.791	0.871
2017	0.940	0.936	0.922	0.775	0.760	0.764	0.768	0.772	0.772	0.777	0.822	0.904
2018	1.001	0.997	0.982	0.826	0.810	0.814	0.819	0.823	0.823	0.828	0.876	0.963
2019	1.063	1.059	1.043	0.878	0.861	0.865	0.870	0.874	0.874	0.880	0.930	1.023
2020	1.097	1.093	1.077	0.908	0.891	0.895	0.900	0.904	0.905	0.911	0.962	1.056
2021	1.144	1.140	1.123	0.949	0.931	0.935	0.940	0.945	0.945	0.951	1.004	1.102
2022	1.200	1.196	1.179	0.997	0.978	0.983	0.988	0.993	0.993	0.999	1.054	1.156
2023	1.259	1.254	1.236	1.047	1.028	1.033	1.038	1.043	1.043	1.049	1.107	1.213
2024	1.312	1.307	1.289	1.093	1.072	1.077	1.083	1.088	1.088	1.095	1.155	1.265
2025	1.369	1.364	1.344	1.141	1.120	1.125	1.131	1.136	1.137	1.143	1.205	1.319
2026	1.417	1.413	1.392	1.183	1.162	1.167	1.173	1.178	1.179	1.186	1.249	1.367
2027	1.471	1.466	1.445	1.229	1.207	1.213	1.218	1.224	1.225	1.232	1.298	1.419
2028	1.522	1.517	1.496	1.273	1.250	1.256	1.262	1.268	1.268	1.276	1.343	1.468
2029	1.575	1.569	1.547	1.318	1.295	1.300	1.307	1.313	1.313	1.321	1.391	1.519
2030	1.631	1.625	1.602	1.366	1.342	1.348	1.354	1.360	1.361	1.369	1.441	1.573

Based on small boiler without emission controls

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SDG&E Gas Avoided Commodity and Environmental Cost - Commercial (\$Nominal / Therm)

	January	February	March	April	May	June	July	August	September	October	November	December
2006	1.051	0.807	0.754	0.861	0.859	0.862	0.867	0.876	0.881	0.874	0.961	1.037
2007	1.075	1.075	1.055	0.906	0.886	0.892	0.898	0.905	0.906	0.913	0.951	1.008
2008	1.053	1.052	1.033	0.863	0.844	0.849	0.854	0.859	0.860	0.866	0.895	0.952
2009	1.022	1.021	0.999	0.805	0.784	0.791	0.796	0.801	0.803	0.809	0.866	0.923
2010	0.991	0.987	0.968	0.780	0.761	0.766	0.771	0.776	0.776	0.783	0.840	0.896
2011	1.040	1.038	1.017	0.841	0.823	0.828	0.833	0.838	0.838	0.843	0.896	0.948
2012	0.996	0.992	0.976	0.807	0.790	0.795	0.799	0.804	0.804	0.810	0.861	0.955
2013	0.956	0.952	0.937	0.778	0.762	0.766	0.771	0.775	0.775	0.780	0.829	0.918
2014	0.917	0.914	0.899	0.750	0.735	0.739	0.743	0.747	0.747	0.752	0.797	0.881
2015	0.879	0.876	0.862	0.723	0.708	0.712	0.716	0.719	0.720	0.724	0.767	0.845
2016	0.903	0.900	0.886	0.744	0.730	0.733	0.737	0.741	0.741	0.746	0.789	0.869
2017	0.937	0.934	0.920	0.773	0.758	0.762	0.766	0.770	0.770	0.775	0.820	0.902
2018	0.998	0.994	0.980	0.824	0.808	0.812	0.816	0.820	0.821	0.826	0.873	0.960
2019	1.060	1.056	1.040	0.875	0.859	0.863	0.867	0.872	0.872	0.878	0.928	1.020
2020	1.094	1.090	1.074	0.906	0.889	0.893	0.898	0.902	0.902	0.908	0.959	1.053
2021	1.141	1.137	1.120	0.946	0.928	0.933	0.938	0.942	0.943	0.948	1.001	1.099
2022	1.197	1.193	1.175	0.994	0.976	0.980	0.985	0.990	0.991	0.997	1.052	1.153
2023	1.255	1.251	1.233	1.044	1.025	1.030	1.035	1.040	1.040	1.047	1.104	1.210
2024	1.308	1.304	1.285	1.090	1.070	1.075	1.080	1.085	1.086	1.092	1.152	1.261
2025	1.365	1.360	1.341	1.138	1.117	1.122	1.128	1.133	1.134	1.140	1.202	1.316
2026	1.414	1.409	1.389	1.180	1.159	1.164	1.170	1.175	1.176	1.183	1.246	1.363
2027	1.467	1.462	1.442	1.226	1.204	1.209	1.215	1.221	1.222	1.229	1.294	1.415
2028	1.518	1.513	1.492	1.270	1.247	1.253	1.259	1.264	1.265	1.273	1.340	1.464
2029	1.570	1.565	1.543	1.315	1.291	1.297	1.303	1.309	1.310	1.318	1.387	1.515
2030	1.626	1.621	1.598	1.362	1.338	1.344	1.351	1.357	1.357	1.365	1.437	1.569

Based on small boiler without emission controls

(END OF ATTACHMENT 3)