

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

_____)	
Order Instituting Rulemaking to Integrate)	
Procurement Policies and Consider Long-Term)	R.06-02-013
Procurement Plans)	
_____)	

PUBLIC VERSION

SAN DIEGO GAS & ELECTRIC COMPANY (U 902-E)

EXHIBITS

2007-2016 LONG-TERM PROCUREMENT PLAN

December 11, 2006

Exhibit IV-3
Electricity Resource Planning
Capacity Resource Accounting Table

Filing LSE: SDG&E
 Case: Preferred Resource Plan
 Date: 12/11/2006

Line	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
Capacity Resource Accounting Table												
Other Bilateral Contractual Resources:												
130	0	0	0	0	0	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0	0	0	0	0	0
132	0	0	0	0	0	0	0	0	0	0	0	0
133	0	0	0	0	0	0	0	0	0	0	0	0
134	0	0	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0	0	0	0	0	0
137	562	562	562	562	562	562	562	562	562	562	562	562
138	86	86	86	86	86	86	86	86	86	86	86	86
139	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0	0	0	0
142	0	0	0	0	0	0	0	0	0	0	0	0
143	0	0	0	0	0	0	0	0	0	0	0	0
144	648	648	648	648	648	648	648	648	648	648	648	648
Short Term and Spot Market Purchases & Sales:												
150	0	0	0	0	0	0	0	0	0	0	0	0
151	0	0	0	0	0	0	0	0	0	0	0	0
152	0	0	0	0	0	0	0	0	0	0	0	0
153	0	0	0	0	0	0	0	0	0	0	0	0
160	3277	3289	3313	3327	3341	3368	3336	3317	3328	3315	3306	3306
DEMAND SIDE DISPATCHABLE RESOURCES												
170	0	0	0	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	0	0	0	0	0
172	0	0	0	0	0	0	0	0	139	139	139	0
180	0	0	0	0	0	0	0	0	139	139	139	0
FUTURE GENERIC RESOURCE NEEDS												
Generic Renewable Resources												
181	60	60	60	60	60	60	60	60	60	60	60	60
182	35	35	35	35	35	35	35	35	35	35	35	35
183	0	0	0	0	0	0	0	0	0	0	0	0
184	95	95	95	95	95	95	95	95	95	95	95	95
Non-Renewable Generic Resources:												
Capacity for Baseload Energy (Gen CC, Gen OF)												
191	14	14	14	14	14	14	14	14	14	14	14	14
192	650	650	650	650	650	650	650	650	650	650	650	650
Load-Following and Peaking Capacity (Gen CT)												
193	0	0	0	0	0	0	0	0	0	0	0	0
Peaking (seasonal) Capacity (Peaking Purchase)												
194	664	664	664	664	664	664	664	664	664	664	664	664
195	760	760	760	760	760	760	760	760	760	760	760	760
Total Capacity of Future Generic Resources												
CAPACITY BALANCE CHECK												
200	4036	4049	4072	4086	4101	4128	4434	4416	4426	4074	4065	4065
201	783	828	1052	1144	1040	645	328	-4	323	565	783	601

Exhibit IV-3
Electricity Resource Planning
Capacity Resource Accounting Table

Filing USE: SDG&E
 Case: Preferred Resource Plan
 Date: 12/11/2006

line	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
Capacity Resource Accounting Table												
Other Bilateral Contractual Resources:												
130	0	0	0	0	0	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0	0	0	0	0	0
132	0	0	0	0	0	0	0	0	0	0	0	0
133	0	0	0	0	0	0	0	0	0	0	0	0
134	0	0	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0	0	0	0	0	0
137	562	562	562	562	562	562	562	562	562	562	562	562
138	86	86	86	86	86	86	86	86	86	86	86	86
139	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0	0	0	0
142	0	0	0	0	0	0	0	0	0	0	0	0
143	0	0	0	0	0	0	0	0	0	0	0	0
144	648	648	648	648	648	648	648	648	648	648	648	648
Short Term and Spot Market Purchases & Sales:												
150	0	0	0	0	0	0	0	0	0	0	0	0
151	0	0	0	0	0	0	0	0	0	0	0	0
152	0	0	0	0	0	0	0	0	0	0	0	0
153	0	0	0	0	0	0	0	0	0	0	0	0
160	3025	3037	3061	3075	3087	3094	3062	3043	3051	3041	3032	3032
DEMAND SIDE DISPATCHABLE RESOURCES												
170	0	0	0	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	0	0	0	0	0
172	0	0	0	0	0	0	139	139	139	139	0	0
FUTURE GENERIC RESOURCE NEEDS												
180	0	0	0	0	0	0	0	0	0	0	0	0
181	63	63	63	63	63	63	63	63	63	63	63	63
182	35	35	35	35	35	35	35	35	35	35	35	35
183	0	0	0	0	0	0	0	0	0	0	0	0
184	98	98	98	98	98	98	98	98	98	98	98	98
Non-Renewable Generic Resources:												
190	14	14	14	14	14	14	14	14	14	14	14	14
191	900	900	900	900	900	900	900	900	900	900	900	900
192	0	0	0	0	0	0	0	0	0	0	0	0
193	0	0	0	0	0	0	0	0	0	0	0	0
194	914	914	914	914	914	914	914	914	914	914	914	914
195	1013	1013	1013	1013	1013	1013	1288	1288	1288	1013	1013	1013
CAPACITY BALANCE CHECK												
200	4037	4050	4073	4087	4099	4106	4489	4470	4480	4053	4045	4044
201	815	854	1082	1164	1066	571	313	-4	326	508	788	604

Exhibit IV-3
Electricity Resource Planning
Capacity Resource Accounting Table

Filing LSE: SDG&E
 Case: Preferred Resource Plan
 Date: 12/11/2006

Line	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
Other Bilateral Contractual Resources												
130												
131												
132												
133												
134												
135												
136												
137	562	562	562	562	562	562	562	562	562	562	562	562
138	86	86	86	86	86	86	86	86	86	86	86	86
139												
140												
141												
142												
143												
144	648	648	648	648	648	648	648	648	648	648	648	648
Short Term and Spot Market Purchases & Sales:												
150												
151												
152												
153												
160	2943	2957	2981	2995	3009	3016	2439	2431	2431	2418	2410	2409
DEMAND SIDE DISPATCHABLE RESOURCES												
170												
171												
172												
FUTURE GENERIC RESOURCE NEEDS												
Generic Renewable Resources												
180												
181	64	64	64	64	64	64	64	64	64	64	64	64
182	54	54	54	54	54	54	54	54	54	54	54	54
183												
184	118	118	118	118	118	118	118	118	118	118	118	118
Non-Renewable Generic Resources:												
190												
191	14	14	14	14	14	14	14	14	14	14	14	14
192	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
193												
194	1114	1114	1114	1114	1114	1114	1114	1114	1114	1114	1114	1114
195	1232	1232	1232	1232	1232	1232	1232	1232	1232	1232	1232	1232
CAPACITY BALANCE CHECK												
200	4177	4189	4213	4227	4242	4249	4523	4506	4517	4151	4142	4142
201	1003	1026	1382	1424	1266	659	552	-5	542	601	920	750

Exhibit IV-3
Electricity Resource Planning
Capacity Resource Accounting Table

Filing LSE: SDG&E
 Case: Preferred Resource Plan
 Date: 12/11/2006

line	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
Capacity Resource Accounting Table												
Other Bilateral Contractual Resources:												
130	0	0	0	0	0	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0	0	0	0	0	0
132	0	0	0	0	0	0	0	0	0	0	0	0
133	0	0	0	0	0	0	0	0	0	0	0	0
134	0	0	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0	0	0	0	0	0
137	562	562	562	562	562	562	562	562	562	562	562	562
138	86	86	86	86	86	86	86	86	86	86	86	86
139	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0	0	0	0
142	0	0	0	0	0	0	0	0	0	0	0	0
143	0	0	0	0	0	0	0	0	0	0	0	0
144	648	648	648	648	648	648	648	648	648	648	648	648
Short Term and Spot Market Purchases & Sales:												
150	0	0	0	0	0	0	0	0	0	0	0	0
151	0	0	0	0	0	0	0	0	0	0	0	0
152	0	0	0	0	0	0	0	0	0	0	0	0
153	0	0	0	0	0	0	0	0	0	0	0	0
160	2448	2460	2484	2498	2512	2519	2484	2466	2476	2463	2455	2454
DEMAND SIDE DISPATCHABLE RESOURCES												
170	0	0	0	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	139	139	139	0	0
172	0	0	0	0	0	0	0	139	139	139	0	0
FUTURE GENERIC RESOURCE NEEDS												
180	0	0	0	0	0	0	0	0	0	0	0	0
181	72	72	72	72	72	72	72	72	72	72	72	72
182	54	54	54	54	54	54	54	54	54	54	54	54
183	0	0	0	0	0	0	0	0	0	0	0	0
184	126	126	126	126	126	126	126	126	126	126	126	126
Non-Renewable Generic Resources:												
190	514	514	514	514	514	514	514	514	514	514	514	514
191	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
192	0	0	0	0	0	0	0	0	0	0	0	0
193	0	0	0	0	0	0	0	0	0	0	0	0
194	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614	1614
195	1741	1741	1741	1741	1741	1741	1741	1741	1741	1741	1741	1741
CAPACITY BALANCE CHECK:												
200	4189	4201	4225	4239	4252	4259	4261	4262	4263	4264	4195	4195
201	1045	1089	1319	1478	1299	706	363	1	315	635	1031	829

Exhibit IV-4
Electricity Resource Planning
Energy Balance Resource Accounting Table

Filing LSE: SDG&E
 Case: Preferred Resource Plan
 Date: 12/1/2006

Line	Energy Balance Resource Accounting Table	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
130	Other Material Contractual Resources:	0	0	0	0	0	0	0	0	0	0	0	0
131		0	0	0	0	0	0	0	0	0	0	0	0
132		0	0	0	0	0	0	0	0	0	0	0	0
133		0	0	0	0	0	0	0	0	0	0	0	0
134		0	0	0	0	0	0	0	0	0	0	0	0
135		0	0	0	0	0	0	0	0	0	0	0	0
136	Oley	0	0	0	0	0	0	0	0	0	0	0	0
137	PG&E (Portland General Electric)	275	202	209	141	147	224	236	237	206	254	217	254
138		60	54	59	43	18	57	60	60	58	59	57	60
139		0	0	0	0	0	0	0	0	0	0	0	0
140		0	0	0	0	0	0	0	0	0	0	0	0
141		0	0	0	0	0	0	0	0	0	0	0	0
142		0	0	0	0	0	0	0	0	0	0	0	0
143	Non-Renewable DG Generation	0	0	0	0	0	0	0	0	0	0	0	0
144	Total Energy Supply from Other Bilateral Contracts	335	256	268	183	165	281	295	297	264	312	273	315
150	Short Term and Spot Market Purchases & Sales:												
151	Short Term Purchases	137	113	137	51	30	8	17	28	33	25	70	136
152	Spot Market Purchases	0	0	0	0	0	0	0	0	0	0	0	0
153	Short Term Sales (-)	11	18	10	46	76	88	74	50	55	72	42	17
154	Net of Short Term Spot Market Purchases & Sales	126	95	127	5	-46	-79	-57	-21	-22	-47	29	120
FUTURE GENERIC ENERGY NEEDS													
170	Generic Renewable Energy												
171	Biofuels	16	34	37	37	36	36	39	40	37	39	37	37
172	Wind	15	24	35	51	68	55	37	54	33	31	27	27
173	Solar	0	0	0	0	0	0	0	0	0	0	0	0
174	Total Generic Renewable Resources	31	58	71	89	87	105	94	76	90	72	68	63
180	Generic Non-Renewable Energy:												
181	Generic Baseload Energy (Gen CC, Gen QF)	11	9	10	10	11	10	11	11	10	11	10	11
182	Generic Load-following and Peaking Energy (Gen CT)	0	0	0	0	0	0	0	0	0	0	0	0
183	Generic Load-following (year-round) Energy	0	0	0	0	0	0	0	0	0	0	0	0
184	Generic Peaking (seasonal) Energy (Peaking Purchase)	0	0	0	0	0	0	0	0	0	0	0	0
185	Total Generic Non-Renewable Energy Needs	11	9	10	10	11	10	11	11	10	11	10	11
190	Total Future Generic Energy Needs	62	67	81	99	98	120	123	131	125	102	90	82
199	Total of Energy from all Resources	1598	1418	1548	1470	1524	1599	1779	1843	1722	1641	1555	1666
RENEWABLE ENERGY ACCOUNTING													
200	Utility-Controlled Renewable Resources	5	4	4	2	2	2	3	4	4	4	4	4
201	QF Renewable Contract Resources	2	2	2	2	0	1	1	1	1	1	1	1
202	Existing & Planned Renewable Contracts	163	181	230	282	299	336	309	275	283	253	199	192
203	Generic Renewable Resources	51	58	71	89	87	105	94	76	90	72	68	63
204	Total State-Eligible Renewable Energy	222	244	308	375	389	444	407	379	310	272	260	260
205	Other Renewable Energy amounts												
206	Total Expected Renewable Energy	222	244	308	375	389	444	407	379	310	272	260	260
210	Biomass Energy Accounting												
211	Biofuels (QF Contractual Resources)	2	2	2	2	0	0	0	0	0	0	0	0
212	Other Biomass Energy	28	25	27	27	28	29	32	32	30	30	26	29
213	Total Biomass Energy	30	27	29	29	28	29	32	32	30	30	26	29

Exhibit IV-4
Electricity Resource Planning
Energy Balance Resource Accounting Table

Filing LSE: SDG&E
 Date: 12/1/2006
 Title: Preferred Resource Plan

Line	Energy Balance Resource Accounting Table	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
Other (Bilateral Contract) Resources:													
130		0	0	0	0	0	0	0	0	0	0	0	0
131		0	0	0	0	0	0	0	0	0	0	0	0
132		0	0	0	0	0	0	0	0	0	0	0	0
133		0	0	0	0	0	0	0	0	0	0	0	0
134		0	0	0	0	0	0	0	0	0	0	0	0
135		0	0	0	0	0	0	0	0	0	0	0	0
136		0	0	0	0	0	0	0	0	0	0	0	0
137	Olay	244	216	242	131	151	168	210	236	177	190	173	216
138	PGE (Portland General Electric)	60	56	59	58	27	33	59	60	58	59	58	60
139		0	0	0	0	0	0	0	0	0	0	0	0
140		0	0	0	0	0	0	0	0	0	0	0	0
141		0	0	0	0	0	0	0	0	0	0	0	0
142		0	0	0	0	0	0	0	0	0	0	0	0
143		0	0	0	0	0	0	0	0	0	0	0	0
144	Total Energy Supply from Other Bilateral Contracts	304	331	301	189	178	201	269	296	235	249	231	276
Short Term and Spot Market Purchases & Sales:													
150	Short Term Purchases	128	94	106	40	23	21	14	26	41	32	47	128
151	Spot Market Purchases	0	0	0	0	0	0	0	0	0	0	0	0
152	Short Term Sales (-)	14	24	24	56	84	20	67	38	62	56	55	20
153	Net of Short Term Spot Market Purchases & Sales	114	70	82	-16	-61	-49	-53	-12	-21	-24	-7	108
FUTURE GENERIC ENERGY NEEDS													
170	Generic Renewable Energy												
171	Biofields												
172	Wind	38	34	38	36	39	37	41	40	38	38	37	39
173	Solar	23	39	52	79	77	102	82	57	79	50	45	41
174	Total Generic Renewable Resources	61	73	90	115	116	139	123	97	117	88	83	80
Generic Non-Renewable Energy:													
180	Generic Baseload Energy (Gen CC, Gen QF)	11	10	11	10	10	10	306	319	248	268	290	282
181	Generic Load-following and Peaking Energy (Gen CT)	0	0	2	0	0	0	7	70	17	7	6	14
182	Generic Load-following (year-round) Energy	0	0	0	0	0	0	0	0	0	0	0	0
183	Generic Peaking (seasonal) Energy (Peaking Purchase)	0	0	0	0	0	0	0	0	0	0	0	0
184	Total Generic Non-Renewable Energy Needs	11	10	13	10	10	11	313	388	265	275	296	296
185	Total Future Generic Energy Needs	72	83	103	125	126	150	436	485	382	363	379	376
190	Total of Energy from all Resources	1608	1491	1549	1470	1544	1640	1791	1900	1658	1581	1672	1672
RENEWABLE ENERGY ACCOUNTING													
200	Utility-Controlled Renewable Resources												
201	QF Renewable Contract Resources	5	4	4	3	2	3	4	3	4	4	4	4
202	Existing & Planned Renewable Contracts	177	201	247	301	321	358	331	297	302	250	213	205
203	Generic Renewable Resources	61	73	90	115	116	139	123	97	117	88	83	80
204	Total State-Eligible Renewable Energy	243	278	342	419	440	501	458	399	424	342	301	289
205	Other Renewable Energy amounts												
206	Total Expected Renewable Energy	243	278	342	419	440	501	458	399	424	342	301	289
Biomass Energy Accounting													
210	Biofuels (QF Contract Resources)	0	0	0	0	0	0	0	0	0	0	0	0
211	Other Biomass Energy	28	26	27	28	28	29	32	32	30	30	28	29
212	Total Biomass Energy	28	26	27	28	28	29	32	32	30	30	28	29

Exhibit IV-4
 Electricity Resource Planning
 Energy Balance Resource Accounting Table

Filing LSE: SDG&E
 Case: Preferred Resource Plan
 Date: 12/11/2006

line	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
Energy Balance Resource Accounting Table												
Other Bilateral Contractual Resources												
130	0	0	0	0	0	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0	0	0	0	0	0
132	0	0	0	0	0	0	0	0	0	0	0	0
133	0	0	0	0	0	0	0	0	0	0	0	0
134	0	0	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0	0	0	0	0	0
137	234	187	140	100	129	159	203	234	191	187	173	190
138	59	54	60	58	27	50	60	59	58	59	58	60
139	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0	0	0	0
142	0	0	0	0	0	0	0	0	0	0	0	0
143	0	0	0	0	0	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0	0	0	0	0	0
Total Energy Supply from Other Bilateral Contracts												
Short Term and Spot Market Purchases & Sales:												
150	112	89	66	45	23	58	8	21	41	32	51	84
151	0	0	0	0	0	0	0	0	0	0	0	0
152	20	21	34	53	78	61	73	53	44	68	49	30
153	93	68	32	-8	-55	-2	-64	-33	-4	-55	-2	54
FUTURE GENERIC ENERGY NEEDS												
170												
171	44	41	43	42	45	45	48	47	45	47	43	46
172	23	37	52	79	77	102	82	57	79	50	45	41
173	0	0	0	0	0	0	0	0	0	0	0	0
174	67	78	95	122	122	147	130	105	124	96	89	87
Total Generic Renewable Resources												
Generic Non-Renewable Energy:												
180	303	242	237	186	238	138	306	310	263	280	263	258
181	7	1	1	0	0	0	22	32	37	8	9	10
182	0	0	0	0	0	0	0	0	0	0	0	0
183	0	0	0	0	0	0	0	0	0	0	0	0
184	0	0	0	0	0	0	0	0	0	0	0	0
185	310	242	238	186	238	138	318	362	300	288	272	268
Total Future Generic Energy Needs												
190	377	320	334	308	366	285	458	466	424	384	360	354
Total of Energy from all Resources												
	1632	1447	1572	1490	1542	1623	1811	1884	1755	1676	1588	1707
RENEWABLE ENERGY ACCOUNTING												
200	4	4	3	2	2	2	4	4	4	3	4	4
201	0	0	0	1	1	1	1	1	1	1	1	1
202	187	203	261	317	359	378	347	312	316	262	221	217
203	67	78	95	122	122	147	130	105	124	96	89	87
204	253	285	359	441	463	528	482	422	445	362	314	304
205	258	285	359	441	463	528	482	422	445	362	314	304
Total Expected Renewable Energy												
Biomass Energy Accounting												
210	0	0	0	0	0	0	0	0	0	0	0	0
211	25	21	24	24	24	26	25	25	24	24	21	23
212	25	21	24	24	24	26	25	25	24	24	21	23
Total Biomass Energy												