

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
 CURTAILMENT AND CUSTOMERS AFFECTED FOR EACH PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High- EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Model Inputs

Natural Gas Demand (MMcfd)

Core Demand	100	100	310	350	170	180
Electric Generation (EG) Demand	100	300	165	165	220	270
Non-Core, Non-EG Demand	75	75	62	62	75	75
Total Demand	275	475	537	577	465	525

Natural Gas Supply Combinations (MMcfd)

Project Alternatives Capacity (MMcfd)

Line 1600 (Pre/Post Hydrotesting)	150	150	150	150	150	150
Line 1600 (During Hydrotesting)	0	0	0	0	0	0
Line 3602 (Proposed Project)	680	680	680	680	680	680
Alternate Diameter Pipeline 10"	50	50	50	50	50	50
Alternate Diameter Pipeline 12"	70	70	70	70	70	70
Alternate Diameter Pipeline 16"	160	160	160	160	160	160
Alternate Diameter Pipeline 20"	250	250	250	250	250	250
Alternate Diameter Pipeline 24"	400	400	400	400	400	400
Alternate Diameter Pipeline 30"	600	600	600	600	600	600
Alternate Diameter Pipeline 42"	710	710	710	710	710	710
L1600 In-Kind Replacement	160	160	160	160	160	160
Otay Mesa Alternate	400	400	400	400	400	400
LNG Storage Alternate	0	0	0	0	0	0
Alt Energy Alternate (Grid-Scale)	0	0	0	0	0	0
Alt Energy Alternate (Smaller-Scale)	0	0	0	0	0	0
Offshore Route	680	680	680	680	680	680
Blythe to Santee Alternate 1	680	680	680	680	680	680
Blythe to Santee Alternate 2	680	680	680	680	680	680
Cactus City to San Diego Alternate	680	680	680	680	680	680
Second Pipeline Along L3010 Alternate	680	680	680	680	680	680

Line 3010 Parameters (MMcfd)

Line 3010 Complete Outage	0	0	0	0	0	0
Line 3010 at 80% Supply	380	380	380	380	380	380

Otay Mesa Supply Variables (MMcfd)

Otay Mesa Full Supply	295	86	313	313	329	324
Otay Mesa Medium Supply	156	60	230	230	244	247
Otay Mesa Low Supply	33	33	148	148	130	168
Otay Mesa No Supply	0	0	0	0	0	0

Notes:

- Conversion rate from MMcfd NG to MWh Electric (consistent with LNG Storage Facility Alternative Cost Analysis prepared by SDG&E/SoCalGas):
 Using approx. 7,600 btu/kWh and 1,025,000 btu per 1,000 cubic feet of natural gas, 1 MW = 7,415 cf of natural gas per hour
 Heat rate of approx. 7,600 btu/kWh is based on data obtained from the U.S. Energy Information Administration website
 (<https://www.eia.gov/tools/faqs/faq.cfm?id=667&t=6>).

MMcfd	1
MMBTU	1025
MWh	135

CF	7,415	1,000,000
BTU	7,600,375	1,025,000,000
MWh	1.00	134.87

- Count of Total SDG&E Gas Core Customers (source: SDG&E Gas Engineering Department)

Count (#)	868,838
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- NG demand provided by customer class, and pipeline capacities provided for operation during outage on L3010 (source: SoCalGas / SDG&E Gas Transmission Planning Department)

- Otay Mesa supply provided over various seasonal conditions (source: SoCalGas / SDG&E Gas Transmission Planning Department)

- Curtailment sequences are based on SDG&E's Rule 14, as defined in the Prepare Direct Testimony of Ms. Gwen Marelli (March 21, 2016), page 2

- First to be curtailed: Non-Core, Non-EG (Referenced as Customer Class Non-Core in SDG&E Rule 14, 2007)
- Second to be curtailed: Electric Generation (EG) (Referenced as Customer Class P2-A in SDG&E Rule 14, 2007)
- Last to be curtailed: Core Customers (Referenced as Customer Class P1 in SDG&E Rule 14, 2007)

- Line 25

Otay Mesa Alternate gas supply is based on a firm supply of 400 MMcfd

- Line 26

LNG Storage Alternate supply is zero (0) as it will provide gas supply to electric generation sites only and not into the gas network

- Line 27

Alt Energy Alternate (Grid-Scale) supply is zero (0) as will not provide additional supply to the gas network

- Line 28

Alt Energy Alternate (Small-Scale) supply is zero (0) as will not provide additional supply to the gas network

- Line 38 - Column D

Otay Mesa Full Supply determined as Summer minimum OAC on Gasoducto Rosarito + 1 Standard Deviation of data set

- Line 40 - Column D

Otay Mesa Low Supply determined as Summer minimum OAC on Gasoducto Rosarito

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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High- EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Dynamic Model Outputs (For Use in Working Model Only)

Select Parameters Below							
Line 1600 (Pre/Post Hydrotesting)		150	150	150	150	150	150
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		445	236	463	463	479	474
Total MMcfd Shortfall		0	239	74	114	0	51
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	55%	7%	32%	0%	0%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	0%	68%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	22,091	1,647	7,042	0	0
	Gas EG [MW]	0	920	69	293	0	0
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	0	51
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	0	N/A

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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Line 1600 (Pre/Post Hydrotesting)

L1600 / Otay Full / L3010 80%		1.1.1.1	1.1.1.2	1.1.1.3	1.1.1.4	1.1.1.5	1.1.1.6
Line 1600 (Pre/Post Hydrotesting)		150	150	150	150	150	150
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		825	616	843	843	859	854
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
	Gas Core [# Affected]	0	0	0	0	0	0
Number of Customers Affected	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

L1600 / Otay Full / L3010 Out		1.2.1.1	1.2.1.2	1.2.1.3	1.2.1.4	1.2.1.5	1.2.1.6
Line 1600 (Pre/Post Hydrotesting)		150	150	150	150	150	150
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		445	236	463	463	479	474
Total MMcfd Shortfall		0	239	74	114	0	51
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	55%	7%	32%	0%	0%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	0%	68%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	22,091	1,647	7,042	0	0
	Gas EG [MW]	0	920	69	293	0	0
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	0	51
	Gas Core [# Affected]	0	0	0	0	0	0
Number of Customers Affected	Gas EG [# Affected]	0	N/A	N/A	N/A	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	0	N/A

L1600 / Otay Medium / L3010 80%		1.1.2.1	1.1.2.2	1.1.2.3	1.1.2.4	1.1.2.5	1.1.2.6
Line 1600 (Pre/Post Hydrotesting)		150	150	150	150	150	150
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		686	590	760	760	774	777
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
	Gas Core [# Affected]	0	0	0	0	0	0
Number of Customers Affected	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

L1600 / Otay Medium / L3010 Out		1.2.2.1	1.2.2.2	1.2.2.3	1.2.2.4	1.2.2.5	1.2.2.6
Line 1600 (Pre/Post Hydrotesting)		150	150	150	150	150	150
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		306	210	380	380	394	397
Total MMcfd Shortfall		0	265	157	197	71	128
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	No	Yes
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	63%	58%	82%	0%	20%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	94%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	25,658	12,824	18,219	0	7,125
	Gas EG [MW]	0	1,069	534	759	0	297
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	71	75
	Gas Core [# Affected]	0	0	0	0	0	0
Number of Customers Affected	Gas EG [# Affected]	0	N/A	N/A	N/A	0	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A

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A	B	C	D	E	F	G	H
L1600 / Otay Low / L3010 80%		1.1.3.1	1.1.3.2	1.1.3.3	1.1.3.4	1.1.3.5	1.1.3.6
Line 1600 (Pre/Post Hydrotesting)		150	150	150	150	150	150
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		563	563	678	678	660	698
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
Number of Customers Affected	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
		0	0	0	0	0	0
		0	0	0	0	0	0
		0	0	0	0	0	0
L1600 / Otay Low / L3010 Out		1.2.3.1	1.2.3.2	1.2.3.3	1.2.3.4	1.2.3.5	1.2.3.6
Line 1600 (Pre/Post Hydrotesting)		150	150	150	150	150	150
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		183	183	298	298	280	318
Total MMcfd Shortfall		92	292	239	279	185	207
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	4%	15%	0%	0%
	Gas EG [%]	17%	72%	100%	100%	50%	49%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	12	52	0	0
	Gas EG [MWh/d]	2,251	29,225	22,253	22,253	14,822	17,864
	Gas EG [MW]	94	1,218	927	927	618	744
Number of Customers Affected	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
	Gas Core [# Affected]	0	0	33,352	128,836	0	0
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A	N/A
L1600 / Otay Out / L3010 80%		1.1.4.1	1.1.4.2	1.1.4.3	1.1.4.4	1.1.4.5	1.1.4.6
Line 1600 (Pre/Post Hydrotesting)		150	150	150	150	150	150
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		530	530	530	530	530	530
Total MMcfd Shortfall		0	0	7	47	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	11%	76%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
Number of Customers Affected	Gas Non-Core Non-EG [MMcfd]	0	0	7	47	0	0
	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
		0	0	N/A	N/A	0	0
		0	0	N/A	N/A	0	0
		0	0	N/A	N/A	0	0
L1600 / Otay Out / L3010 Out		1.2.4.1	1.2.4.2	1.2.4.3	1.2.4.4	1.2.4.5	1.2.4.6
Line 1600 (Pre/Post Hydrotesting)		150	150	150	150	150	150
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		150	150	150	150	150	150
Total MMcfd Shortfall		125	325	387	427	315	375
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	52%	57%	12%	17%
	Gas EG [%]	50%	83%	100%	100%	100%	100%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	160	200	20	30
	Gas EG [MWh/d]	6,743	33,717	22,253	22,253	29,671	36,414
	Gas EG [MW]	281	1,405	927	927	1,236	1,517
Number of Customers Affected	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
	Gas Core [# Affected]	0	0	448,433	496,479	102,216	144,806
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A	N/A

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A	B	C	D	E	F	G	H

Line 3602 (Proposed Project)

L3602 / Otay Full / L3010 80%		2.1.1.1	2.1.1.2	2.1.1.3	2.1.1.4	2.1.1.5	2.1.1.6
Line 3602 (Proposed Project)		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		1355	1146	1373	1373	1389	1384
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

L3602 / Otay Full / L3010 Out		2.2.1.1	2.2.1.2	2.2.1.3	2.2.1.4	2.2.1.5	2.2.1.6
Line 3602 (Proposed Project)		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		975	766	993	993	1009	1004
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

L3602 / Otay Medium / L3010 80%		2.1.2.1	2.1.2.2	2.1.2.3	2.1.2.4	2.1.2.5	2.1.2.6
Line 3602 (Proposed Project)		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		1216	1120	1290	1290	1304	1307
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

L3602 / Otay Medium / L3010 Out		2.2.2.1	2.2.2.2	2.2.2.3	2.2.2.4	2.2.2.5	2.2.2.6
Line 3602 (Proposed Project)		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		836	740	910	910	924	927
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
L3602 / Otay Low / L3010 80%		2.1.3.1	2.1.3.2	2.1.3.3	2.1.3.4	2.1.3.5	2.1.3.6
Line 3602 (Proposed Project)		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		1093	1093	1208	1208	1190	1228
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
L3602 / Otay Low / L3010 Out		2.2.3.1	2.2.3.2	2.2.3.3	2.2.3.4	2.2.3.5	2.2.3.6
Line 3602 (Proposed Project)		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		713	713	828	828	810	848
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
L3602 / Otay Out / L3010 80%		2.1.4.1	2.1.4.2	2.1.4.3	2.1.4.4	2.1.4.5	2.1.4.6
Line 3602 (Proposed Project)		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		1060	1060	1060	1060	1060	1060
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
L3602 / Otay Out / L3010 Out		2.2.4.1	2.2.4.2	2.2.4.3	2.2.4.4	2.2.4.5	2.2.4.6
Line 3602 (Proposed Project)		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		680	680	680	680	680	680
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High- EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Line 1600 (During Hydrotesting)

Hydrotesting / Otay Full / L3010 80%		3.1.1.1	3.1.1.2	3.1.1.3	3.1.1.4	3.1.1.5	3.1.1.6
Line 1600 (During Hydrotesting)		0	0	0	0	0	0
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		675	466	693	693	709	704
Total MMcfd Shortfall		0	9	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	12%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	9	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	0	0	0	0

Hydrotesting / Otay Full / L3010 Out		3.2.1.1	3.2.1.2	3.2.1.3	3.2.1.4	3.2.1.5	3.2.1.6
Line 1600 (During Hydrotesting)		0	0	0	0	0	0
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		295	86	313	313	329	324
Total MMcfd Shortfall		0	389	224	264	136	201
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	14%	0%	11%	0%	0%
	Gas EG [%]	0%	100%	98%	100%	28%	47%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	14	0	37	0	0
	Gas EG [MWh/d]	0	40,461	21,877	22,253	8,240	17,039
	Gas EG [MW]	0	1,686	912	927	343	710
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	119,839	0	92,375	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A

Hydrotesting / Otay Medium / L3010 80%		3.1.2.1	3.1.2.2	3.1.2.3	3.1.2.4	3.1.2.5	3.1.2.6
Line 1600 (During Hydrotesting)		0	0	0	0	0	0
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		536	440	610	610	624	627
Total MMcfd Shortfall		0	35	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	47%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	35	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	0	0	0	0

Hydrotesting / Otay Medium / L3010 Out		3.2.2.1	3.2.2.2	3.2.2.3	3.2.2.4	3.2.2.5	3.2.2.6
Line 1600 (During Hydrotesting)		0	0	0	0	0	0
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		156	60	230	230	244	247
Total MMcfd Shortfall		119	415	307	347	221	278
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	40%	26%	34%	0%	0%
	Gas EG [%]	44%	100%	100%	100%	66%	75%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	40	80	120	0	0
	Gas EG [MWh/d]	5,978	40,461	22,253	22,253	19,672	27,355
	Gas EG [MW]	249	1,686	927	927	820	1,140
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	349,638	224,454	298,098	0	0
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A

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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Hydrotesting / Otay Low / L3010 80%		3.1.3.1	3.1.3.2	3.1.3.3	3.1.3.4	3.1.3.5	3.1.3.6
Line 1600 (During Hydrotesting)		0	0	0	0	0	0
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		413	413	528	528	510	548
Total MMcfd Shortfall		0	62	9	49	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	82%	14%	79%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	62	9	49	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	0	0
Hydrotesting / Otay Low / L3010 Out		3.2.3.1	3.2.3.2	3.2.3.3	3.2.3.4	3.2.3.5	3.2.3.6
Line 1600 (During Hydrotesting)		0	0	0	0	0	0
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		33	33	148	148	130	168
Total MMcfd Shortfall		242	442	389	429	335	357
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	67%	67%	52%	58%	23%	7%
	Gas EG [%]	100%	100%	100%	100%	100%	100%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	67	67	162	202	40	12
	Gas EG [MWh/d]	13,487	40,461	22,253	22,253	29,671	36,414
	Gas EG [MW]	562	1,686	927	927	1,236	1,517
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	579,437	579,437	453,758	501,195	203,921	60,119
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
Hydrotesting / Otay Out / L3010 80%		3.1.4.1	3.1.4.2	3.1.4.3	3.1.4.4	3.1.4.5	3.1.4.6
Line 1600 (During Hydrotesting)		0	0	0	0	0	0
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		380	380	380	380	380	380
Total MMcfd Shortfall		0	95	157	197	85	145
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	7%	58%	82%	5%	26%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	2,697	12,813	18,207	1,349	9,441
	Gas EG [MW]	0	112	534	759	56	393
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
Hydrotesting / Otay Out / L3010 Out		3.2.4.1	3.2.4.2	3.2.4.3	3.2.4.4	3.2.4.5	3.2.4.6
Line 1600 (During Hydrotesting)		0	0	0	0	0	0
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		0	0	0	0	0	0
Total MMcfd Shortfall		275	475	537	577	465	525
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	100%	100%	100%	100%	100%	100%
	Gas EG [%]	100%	100%	100%	100%	100%	100%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	100	100	310	350	170	180
	Gas EG [MWh/d]	13,487	40,461	22,253	22,253	29,671	36,414
	Gas EG [MW]	562	1,686	927	927	1,236	1,517
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	868,838	868,838	868,838	868,838	868,838	868,838
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A

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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Alternate Diameter Pipeline 10"

Alt Diameter 10" / Otay Full / L3010 80%		4.1.1.1	4.1.1.2	4.1.1.3	4.1.1.4	4.1.1.5	4.1.1.6
Alternate Diameter Pipeline 10"		50	50	50	50	50	50
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		725	516	743	743	759	754
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 10" / Otay Full / L3010 Out		4.2.1.1	4.2.1.2	4.2.1.3	4.2.1.4	4.2.1.5	4.2.1.6
Alternate Diameter Pipeline 10"		50	50	50	50	50	50
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		345	136	363	363	379	374
Total MMcfd Shortfall		0	339	174	214	86	151
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	88%	68%	92%	5%	28%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	35,577	15,134	20,529	1,497	10,296
	Gas EG [MW]	0	1,482	631	855	62	429
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A

Alt Diameter 10" / Otay Medium / L3010 80%		4.1.2.1	4.1.2.2	4.1.2.3	4.1.2.4	4.1.2.5	4.1.2.6
Alternate Diameter Pipeline 10"		50	50	50	50	50	50
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		586	490	660	660	674	677
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 10" / Otay Medium / L3010 Out		4.2.2.1	4.2.2.2	4.2.2.3	4.2.2.4	4.2.2.5	4.2.2.6
Alternate Diameter Pipeline 10"		50	50	50	50	50	50
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		206	110	280	280	294	297
Total MMcfd Shortfall		69	365	257	297	171	228
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	10%	20%	0%	0%
	Gas EG [%]	0%	97%	100%	100%	44%	57%
	Gas Non-Core Non-EG [%]	92%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	30	70	0	0
	Gas EG [MWh/d]	0	39,144	22,253	22,253	12,928	20,612
	Gas EG [MW]	0	1,631	927	927	539	859
	Gas Non-Core Non-EG [MMcfd]	69	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	0	84,319	173,979	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
 CURTAILMENT AND CUSTOMERS AFFECTED FOR EACH PROJECT ALTERNATE
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Alt Diameter 10" / Otay Low / L3010 80%		4.1.3.1	4.1.3.2	4.1.3.3	4.1.3.4	4.1.3.5	4.1.3.6
Alternate Diameter Pipeline 10"		50	50	50	50	50	50
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		463	463	578	578	560	598
Total MMcfd Shortfall		0	12	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	16%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	12	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	0	0	0	0
Alt Diameter 10" / Otay Low / L3010 Out		4.2.3.1	4.2.3.2	4.2.3.3	4.2.3.4	4.2.3.5	4.2.3.6
Alternate Diameter Pipeline 10"		50	50	50	50	50	50
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		83	83	198	198	180	218
Total MMcfd Shortfall		192	392	339	379	285	307
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	17%	17%	36%	43%	0%	0%
	Gas EG [%]	100%	100%	100%	100%	95%	86%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	17	17	112	152	0	0
	Gas EG [MWh/d]	13,487	40,461	22,253	22,253	28,309	31,351
	Gas EG [MW]	562	1,686	927	927	1,180	1,306
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	145,018	145,018	313,622	377,076	0	0
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
Alt Diameter 10" / Otay Out / L3010 80%		4.1.4.1	4.1.4.2	4.1.4.3	4.1.4.4	4.1.4.5	4.1.4.6
Alternate Diameter Pipeline 10"		50	50	50	50	50	50
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		430	430	430	430	430	430
Total MMcfd Shortfall		0	45	107	147	35	95
Immediate Curtailment to EG Stations?		No	No	Yes	Yes	No	Yes
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	27%	52%	0%	7%
	Gas Non-Core Non-EG [%]	0%	60%	100%	100%	47%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	6,069	11,464	0	2,697
	Gas EG [MW]	0	0	253	478	0	112
	Gas Non-Core Non-EG [MMcfd]	0	45	62	62	35	75
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	N/A	N/A	0	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
Alt Diameter 10" / Otay Out / L3010 Out		4.2.4.1	4.2.4.2	4.2.4.3	4.2.4.4	4.2.4.5	4.2.4.6
Alternate Diameter Pipeline 10"		50	50	50	50	50	50
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		50	50	50	50	50	50
Total MMcfd Shortfall		225	425	487	527	415	475
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	50%	50%	84%	86%	71%	72%
	Gas EG [%]	100%	100%	100%	100%	100%	100%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	50	50	260	300	120	130
	Gas EG [MWh/d]	13,487	40,461	22,253	22,253	29,671	36,414
	Gas EG [MW]	562	1,686	927	927	1,236	1,517
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	434,419	434,419	728,703	744,718	613,297	627,494
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Alternate Diameter Pipeline 12"

Alt Diameter 12" / Otay Full / L3010 80%		5.1.1.1	5.1.1.2	5.1.1.3	5.1.1.4	5.1.1.5	5.1.1.6
Alternate Diameter Pipeline 12"		70	70	70	70	70	70
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		745	536	763	763	779	774
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 12" / Otay Full / L3010 Out		5.2.1.1	5.2.1.2	5.2.1.3	5.2.1.4	5.2.1.5	5.2.1.6
Alternate Diameter Pipeline 12"		70	70	70	70	70	70
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		365	156	383	383	399	394
Total MMcfd Shortfall		0	319	154	194	66	131
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	No	Yes
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	81%	56%	80%	0%	21%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	88%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	32,880	12,436	17,831	0	7,599
	Gas EG [MW]	0	1,370	518	743	0	317
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	66	75
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	0	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A

Alt Diameter 12" / Otay Medium / L3010 80%		5.1.2.1	5.1.2.2	5.1.2.3	5.1.2.4	5.1.2.5	5.1.2.6
Alternate Diameter Pipeline 12"		70	70	70	70	70	70
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		606	510	680	680	694	697
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 12" / Otay Medium / L3010 Out		5.2.2.1	5.2.2.2	5.2.2.3	5.2.2.4	5.2.2.5	5.2.2.6
Alternate Diameter Pipeline 12"		70	70	70	70	70	70
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		226	130	300	300	314	317
Total MMcfd Shortfall		49	345	237	277	151	208
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	3%	14%	0%	0%
	Gas EG [%]	0%	90%	100%	100%	34%	49%
	Gas Non-Core Non-EG [%]	66%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	10	50	0	0
	Gas EG [MWh/d]	0	36,447	22,253	22,253	10,231	17,915
	Gas EG [MW]	0	1,519	927	927	426	746
	Gas Non-Core Non-EG [MMcfd]	49	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	0	28,265	124,331	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Alt Diameter 12" / Otay Low / L3010 80%		5.1.3.1	5.1.3.2	5.1.3.3	5.1.3.4	5.1.3.5	5.1.3.6
Alternate Diameter Pipeline 12"		70	70	70	70	70	70
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		483	483	598	598	580	618
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
Number of Customers Affected	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
Gas Non-Core Non-EG [# Affected]		0	0	0	0	0	0
Alt Diameter 12" / Otay Low / L3010 Out		5.2.3.1	5.2.3.2	5.2.3.3	5.2.3.4	5.2.3.5	5.2.3.6
Alternate Diameter Pipeline 12"		70	70	70	70	70	70
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		103	103	218	218	200	238
Total MMcfd Shortfall		172	372	319	359	265	287
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	30%	38%	0%	0%
	Gas EG [%]	97%	99%	100%	100%	86%	79%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	92	132	0	0
	Gas EG [MWh/d]	13,041	40,014	22,253	22,253	25,612	28,653
	Gas EG [MW]	543	1,667	927	927	1,067	1,194
Number of Customers Affected	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
	Gas Core [# Affected]	0	0	257,568	327,428	0	0
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
Gas Non-Core Non-EG [# Affected]		N/A	N/A	N/A	N/A	N/A	N/A
Alt Diameter 12" / Otay Out / L3010 80%		5.1.4.1	5.1.4.2	5.1.4.3	5.1.4.4	5.1.4.5	5.1.4.6
Alternate Diameter Pipeline 12"		70	70	70	70	70	70
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		450	450	450	450	450	450
Total MMcfd Shortfall		0	25	87	127	15	75
Immediate Curtailment to EG Stations?		No	No	Yes	Yes	No	Yes
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	15%	39%	0%	0%
	Gas Non-Core Non-EG [%]	0%	33%	100%	100%	20%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	3,372	8,766	0	0
	Gas EG [MW]	0	0	140	365	0	0
Number of Customers Affected	Gas Non-Core Non-EG [MMcfd]	0	25	62	62	15	75
	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	N/A	N/A	0	0
Gas Non-Core Non-EG [# Affected]		0	N/A	N/A	N/A	N/A	N/A
Alt Diameter 12" / Otay Out / L3010 Out		5.2.4.1	5.2.4.2	5.2.4.3	5.2.4.4	5.2.4.5	5.2.4.6
Alternate Diameter Pipeline 12"		70	70	70	70	70	70
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		70	70	70	70	70	70
Total MMcfd Shortfall		205	405	467	507	395	455
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	30%	30%	77%	80%	59%	61%
	Gas EG [%]	100%	100%	100%	100%	100%	100%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	30	30	240	280	100	110
	Gas EG [MWh/d]	13,487	40,461	22,253	22,253	29,671	36,414
	Gas EG [MW]	562	1,686	927	927	1,236	1,517
Number of Customers Affected	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
	Gas Core [# Affected]	260,651	260,651	672,649	695,070	511,081	530,957
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
Gas Non-Core Non-EG [# Affected]		N/A	N/A	N/A	N/A	N/A	N/A

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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Alternate Diameter Pipeline 16"

Alt Diameter 16" / Otay Full / L3010 80%		6.1.1.1	6.1.1.2	6.1.1.3	6.1.1.4	6.1.1.5	6.1.1.6
Alternate Diameter Pipeline 16"		160	160	160	160	160	160
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		835	626	853	853	869	864
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 16" / Otay Full / L3010 Out		6.2.1.1	6.2.1.2	6.2.1.3	6.2.1.4	6.2.1.5	6.2.1.6
Alternate Diameter Pipeline 16"		160	160	160	160	160	160
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		455	246	473	473	489	484
Total MMcfd Shortfall		0	229	64	104	0	41
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	51%	1%	26%	0%	0%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	0%	55%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	20,742	298	5,693	0	0
	Gas EG [MW]	0	864	12	237	0	0
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	0	41
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	0	N/A

Alt Diameter 16" / Otay Medium / L3010 80%		6.1.2.1	6.1.2.2	6.1.2.3	6.1.2.4	6.1.2.5	6.1.2.6
Alternate Diameter Pipeline 16"		160	160	160	160	160	160
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		696	600	770	770	784	787
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 16" / Otay Medium / L3010 Out		6.2.2.1	6.2.2.2	6.2.2.3	6.2.2.4	6.2.2.5	6.2.2.6
Alternate Diameter Pipeline 16"		160	160	160	160	160	160
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		316	220	390	390	404	407
Total MMcfd Shortfall		0	255	147	187	61	118
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	No	Yes
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	60%	52%	76%	0%	16%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	81%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	24,309	11,475	16,870	0	5,777
	Gas EG [MW]	0	1,013	478	703	0	241
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	61	75
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	0	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Alt Diameter 16" / Otay Low / L3010 80%		6.1.3.1	6.1.3.2	6.1.3.3	6.1.3.4	6.1.3.5	6.1.3.6
Alternate Diameter Pipeline 16"		160	160	160	160	160	160
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		573	573	688	688	670	708
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Alt Diameter 16" / Otay Low / L3010 Out		6.2.3.1	6.2.3.2	6.2.3.3	6.2.3.4	6.2.3.5	6.2.3.6
Alternate Diameter Pipeline 16"		160	160	160	160	160	160
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		193	193	308	308	290	328
Total MMcfd Shortfall		82	282	229	269	175	197
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	1%	12%	0%	0%
	Gas EG [%]	7%	69%	100%	100%	45%	45%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	2	42	0	0
	Gas EG [MWh/d]	902	27,876	22,253	22,253	13,473	16,515
	Gas EG [MW]	38	1,162	927	927	561	688
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	0	5,325	104,012	0	0
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
Alt Diameter 16" / Otay Out / L3010 80%		6.1.4.1	6.1.4.2	6.1.4.3	6.1.4.4	6.1.4.5	6.1.4.6
Alternate Diameter Pipeline 16"		160	160	160	160	160	160
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		540	540	540	540	540	540
Total MMcfd Shortfall		0	0	0	37	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	60%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	37	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	N/A	0	0
Alt Diameter 16" / Otay Out / L3010 Out		6.2.4.1	6.2.4.2	6.2.4.3	6.2.4.4	6.2.4.5	6.2.4.6
Alternate Diameter Pipeline 16"		160	160	160	160	160	160
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		160	160	160	160	160	160
Total MMcfd Shortfall		115	315	377	417	305	365
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	48%	54%	6%	11%
	Gas EG [%]	40%	80%	100%	100%	100%	100%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	150	190	10	20
	Gas EG [MWh/d]	5,395	32,368	22,253	22,253	29,671	36,414
	Gas EG [MW]	225	1,349	927	927	1,236	1,517
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	0	420,405	471,655	51,108	96,538
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High- EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Alternate Diameter Pipeline 20"

Alt Diameter 20" / Otay Full / L3010 80%		20.1.1.1	20.1.1.2	20.1.1.3	20.1.1.4	20.1.1.5	20.1.1.6
Alternate Diameter Pipeline 20"		250	250	250	250	250	250
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		925	716	943	943	959	954
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 20" / Otay Full / L3010 Out		20.2.1.1	20.2.1.2	20.2.1.3	20.2.1.4	20.2.1.5	20.2.1.6
Alternate Diameter Pipeline 20"		250	250	250	250	250	250
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		545	336	563	563	579	574
Total MMcfd Shortfall		0	139	0	14	0	0
Immediate Curtailment to EG Stations?		No	Yes	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	21%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	100%	0%	23%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	8,604	0	0	0	0
	Gas EG [MW]	0	358	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	75	0	14	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	N/A	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	0	N/A	0	0

Alt Diameter 20" / Otay Medium / L3010 80%		20.1.2.1	20.1.2.2	20.1.2.3	20.1.2.4	20.1.2.5	20.1.2.6
Alternate Diameter Pipeline 20"		250	250	250	250	250	250
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		786	690	860	860	874	877
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 20" / Otay Medium / L3010 Out		20.2.2.1	20.2.2.2	20.2.2.3	20.2.2.4	20.2.2.5	20.2.2.6
Alternate Diameter Pipeline 20"		250	250	250	250	250	250
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		406	310	480	480	494	497
Total MMcfd Shortfall		0	165	57	97	0	28
Immediate Curtailment to EG Stations?		No	Yes	No	Yes	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	30%	0%	21%	0%	0%
	Gas Non-Core Non-EG [%]	0%	100%	92%	100%	0%	37%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	12,171	0	4,732	0	0
	Gas EG [MW]	0	507	0	197	0	0
	Gas Non-Core Non-EG [MMcfd]	0	75	57	62	0	28
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	N/A	0	N/A	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	0	N/A

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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Alt Diameter 20" / Otay Low / L3010 80%		20.1.3.1	20.1.3.2	20.1.3.3	20.1.3.4	20.1.3.5	20.1.3.6
Alternate Diameter Pipeline 20"		250	250	250	250	250	250
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		663	663	778	778	760	798
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Alt Diameter 20" / Otay Low / L3010 Out		20.2.3.1	20.2.3.2	20.2.3.3	20.2.3.4	20.2.3.5	20.2.3.6
Alternate Diameter Pipeline 20"		250	250	250	250	250	250
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		283	283	398	398	380	418
Total MMcfd Shortfall		0	192	139	179	85	107
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	39%	47%	71%	4%	12%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	15,738	10,371	15,766	1,335	4,377
	Gas EG [MW]	0	656	432	657	56	182
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
Alt Diameter 20" / Otay Out / L3010 80%		20.1.4.1	20.1.4.2	20.1.4.3	20.1.4.4	20.1.4.5	20.1.4.6
Alternate Diameter Pipeline 20"		250	250	250	250	250	250
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		630	630	630	630	630	630
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Alt Diameter 20" / Otay Out / L3010 Out		20.2.4.1	20.2.4.2	20.2.4.3	20.2.4.4	20.2.4.5	20.2.4.6
Alternate Diameter Pipeline 20"		250	250	250	250	250	250
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		250	250	250	250	250	250
Total MMcfd Shortfall		25	225	287	327	215	275
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	19%	29%	0%	0%
	Gas EG [%]	0%	50%	100%	100%	64%	74%
	Gas Non-Core Non-EG [%]	33%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	60	100	0	0
	Gas EG [MWh/d]	0	20,230	22,253	22,253	18,882	26,974
	Gas EG [MW]	0	843	927	927	787	1,124
	Gas Non-Core Non-EG [MMcfd]	25	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	0	168,162	248,239	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A

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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Alternate Diameter Pipeline 24"

Alt Diameter 24" / Otay Full / L3010 80%		7.1.1.1	7.1.1.2	7.1.1.3	7.1.1.4	7.1.1.5	7.1.1.6
Alternate Diameter Pipeline 24"		400	400	400	400	400	400
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		1075	866	1093	1093	1109	1104
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 24" / Otay Full / L3010 Out		7.2.1.1	7.2.1.2	7.2.1.3	7.2.1.4	7.2.1.5	7.2.1.6
Alternate Diameter Pipeline 24"		400	400	400	400	400	400
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		695	486	713	713	729	724
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 24" / Otay Medium / L3010 80%		7.1.2.1	7.1.2.2	7.1.2.3	7.1.2.4	7.1.2.5	7.1.2.6
Alternate Diameter Pipeline 24"		400	400	400	400	400	400
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		936	840	1010	1010	1024	1027
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 24" / Otay Medium / L3010 Out		7.2.2.1	7.2.2.2	7.2.2.3	7.2.2.4	7.2.2.5	7.2.2.6
Alternate Diameter Pipeline 24"		400	400	400	400	400	400
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		556	460	630	630	644	647
Total MMcfd Shortfall		0	15	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	20%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	15	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
 CURTAILMENT AND CUSTOMERS AFFECTED FOR EACH PROJECT ALTERNATE
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Alt Diameter 24" / Otay Low / L3010 80%		7.1.3.1	7.1.3.2	7.1.3.3	7.1.3.4	7.1.3.5	7.1.3.6
Alternate Diameter Pipeline 24"		400	400	400	400	400	400
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		813	813	928	928	910	948
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Alt Diameter 24" / Otay Low / L3010 Out		7.2.3.1	7.2.3.2	7.2.3.3	7.2.3.4	7.2.3.5	7.2.3.6
Alternate Diameter Pipeline 24"		400	400	400	400	400	400
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		433	433	548	548	530	568
Total MMcfd Shortfall		0	42	0	29	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	56%	0%	47%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	42	0	29	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	0	N/A	0	0
Alt Diameter 24" / Otay Out / L3010 80%		7.1.4.1	7.1.4.2	7.1.4.3	7.1.4.4	7.1.4.5	7.1.4.6
Alternate Diameter Pipeline 24"		400	400	400	400	400	400
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		780	780	780	780	780	780
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Alt Diameter 24" / Otay Out / L3010 Out		7.2.4.1	7.2.4.2	7.2.4.3	7.2.4.4	7.2.4.5	7.2.4.6
Alternate Diameter Pipeline 24"		400	400	400	400	400	400
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		400	400	400	400	400	400
Total MMcfd Shortfall		0	75	137	177	65	125
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	No	Yes
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	45%	70%	0%	19%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	87%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	10,115	15,510	0	6,743
	Gas EG [MW]	0	0	421	646	0	281
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	65	75
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	N/A	N/A	0	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A

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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Alternate Diameter Pipeline 30"

Alt Diameter 30" / Otay Full / L3010 80%		8.1.1.1	8.1.1.2	8.1.1.3	8.1.1.4	8.1.1.5	8.1.1.6
Alternate Diameter Pipeline 30"		600	600	600	600	600	600
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		1275	1066	1293	1293	1309	1304
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 30" / Otay Full / L3010 Out		8.2.1.1	8.2.1.2	8.2.1.3	8.2.1.4	8.2.1.5	8.2.1.6
Alternate Diameter Pipeline 30"		600	600	600	600	600	600
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		895	686	913	913	929	924
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 30" / Otay Medium / L3010 80%		8.1.2.1	8.1.2.2	8.1.2.3	8.1.2.4	8.1.2.5	8.1.2.6
Alternate Diameter Pipeline 30"		600	600	600	600	600	600
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		1136	1040	1210	1210	1224	1227
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 30" / Otay Medium / L3010 Out		8.2.2.1	8.2.2.2	8.2.2.3	8.2.2.4	8.2.2.5	8.2.2.6
Alternate Diameter Pipeline 30"		600	600	600	600	600	600
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		756	660	830	830	844	847
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Alt Diameter 30" / Otay Low / L3010 80%		8.1.3.1	8.1.3.2	8.1.3.3	8.1.3.4	8.1.3.5	8.1.3.6
Alternate Diameter Pipeline 30"		600	600	600	600	600	600
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		1013	1013	1128	1128	1110	1148
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Alt Diameter 30" / Otay Low / L3010 Out		8.2.3.1	8.2.3.2	8.2.3.3	8.2.3.4	8.2.3.5	8.2.3.6
Alternate Diameter Pipeline 30"		600	600	600	600	600	600
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		633	633	748	748	730	768
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Alt Diameter 30" / Otay Out / L3010 80%		8.1.4.1	8.1.4.2	8.1.4.3	8.1.4.4	8.1.4.5	8.1.4.6
Alternate Diameter Pipeline 30"		600	600	600	600	600	600
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		980	980	980	980	980	980
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Alt Diameter 30" / Otay Out / L3010 Out		8.2.4.1	8.2.4.2	8.2.4.3	8.2.4.4	8.2.4.5	8.2.4.6
Alternate Diameter Pipeline 30"		600	600	600	600	600	600
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		600	600	600	600	600	600
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Alternate Diameter Pipeline 42"

Alt Diameter 42" / Otay Full / L3010 80%		9.1.1.1	9.1.1.2	9.1.1.3	9.1.1.4	9.1.1.5	9.1.1.6
Alternate Diameter Pipeline 42"		710	710	710	710	710	710
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		1385	1176	1403	1403	1419	1414
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 42" / Otay Full / L3010 Out		9.2.1.1	9.2.1.2	9.2.1.3	9.2.1.4	9.2.1.5	9.2.1.6
Alternate Diameter Pipeline 42"		710	710	710	710	710	710
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		1005	796	1023	1023	1039	1034
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 42" / Otay Medium / L3010 80%		9.1.2.1	9.1.2.2	9.1.2.3	9.1.2.4	9.1.2.5	9.1.2.6
Alternate Diameter Pipeline 42"		710	710	710	710	710	710
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		1246	1150	1320	1320	1334	1337
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Alt Diameter 42" / Otay Medium / L3010 Out		9.2.2.1	9.2.2.2	9.2.2.3	9.2.2.4	9.2.2.5	9.2.2.6
Alternate Diameter Pipeline 42"		710	710	710	710	710	710
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		866	770	940	940	954	957
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Alt Diameter 42" / Otay Low / L3010 80%		9.1.3.1	9.1.3.2	9.1.3.3	9.1.3.4	9.1.3.5	9.1.3.6
Alternate Diameter Pipeline 42"		710	710	710	710	710	710
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		1123	1123	1238	1238	1220	1258
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Alt Diameter 42" / Otay Low / L3010 Out		9.2.3.1	9.2.3.2	9.2.3.3	9.2.3.4	9.2.3.5	9.2.3.6
Alternate Diameter Pipeline 42"		710	710	710	710	710	710
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		743	743	858	858	840	878
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Alt Diameter 42" / Otay Out / L3010 80%		9.1.4.1	9.1.4.2	9.1.4.3	9.1.4.4	9.1.4.5	9.1.4.6
Alternate Diameter Pipeline 42"		710	710	710	710	710	710
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		1090	1090	1090	1090	1090	1090
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Alt Diameter 42" / Otay Out / L3010 Out		9.2.4.1	9.2.4.2	9.2.4.3	9.2.4.4	9.2.4.5	9.2.4.6
Alternate Diameter Pipeline 42"		710	710	710	710	710	710
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		710	710	710	710	710	710
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High- EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

L1600 In-Kind Replacement

L1600 In-Kind / Otay Full / L3010 80%		10.1.1.1	10.1.1.2	10.1.1.3	10.1.1.4	10.1.1.5	10.1.1.6
L1600 In-Kind Replacement		160	160	160	160	160	160
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		835	626	853	853	869	864
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

L1600 In-Kind / Otay Full / L3010 Out		10.2.1.1	10.2.1.2	10.2.1.3	10.2.1.4	10.2.1.5	10.2.1.6
L1600 In-Kind Replacement		160	160	160	160	160	160
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		455	246	473	473	489	484
Total MMcfd Shortfall		0	229	64	104	0	41
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	51%	1%	26%	0%	0%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	0%	55%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	20,742	298	5,693	0	0
	Gas EG [MW]	0	864	12	237	0	0
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	0	41
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	0	N/A

L1600 In-Kind / Otay Medium / L3010 80%		10.1.2.1	10.1.2.2	10.1.2.3	10.1.2.4	10.1.2.5	10.1.2.6
L1600 In-Kind Replacement		160	160	160	160	160	160
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		696	600	770	770	784	787
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

L1600 In-Kind / Otay Medium / L3010 Out		10.2.2.1	10.2.2.2	10.2.2.3	10.2.2.4	10.2.2.5	10.2.2.6
L1600 In-Kind Replacement		160	160	160	160	160	160
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		316	220	390	390	404	407
Total MMcfd Shortfall		0	255	147	187	61	118
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	No	Yes
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	60%	52%	76%	0%	16%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	81%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	24,309	11,475	16,870	0	5,777
	Gas EG [MW]	0	1,013	478	703	0	241
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	61	75
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	0	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A

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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
L1600 In-Kind / Otay Low / L3010 80%		10.1.3.1	10.1.3.2	10.1.3.3	10.1.3.4	10.1.3.5	10.1.3.6
L1600 In-Kind Replacement		160	160	160	160	160	160
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		573	573	688	688	670	708
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
Number of Customers Affected	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
L1600 In-Kind / Otay Low / L3010 Out		10.2.3.1	10.2.3.2	10.2.3.3	10.2.3.4	10.2.3.5	10.2.3.6
L1600 In-Kind Replacement		160	160	160	160	160	160
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		193	193	308	308	290	328
Total MMcfd Shortfall		82	282	229	269	175	197
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	1%	12%	0%	0%
	Gas EG [%]	7%	69%	100%	100%	45%	45%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	2	42	0	0
	Gas EG [MWh/d]	902	27,876	22,253	22,253	13,473	16,515
	Gas EG [MW]	38	1,162	927	927	561	688
Number of Customers Affected	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
	Gas Core [# Affected]	0	0	5,325	104,012	0	0
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
L1600 In-Kind / Otay Out / L3010 80%		10.1.4.1	10.1.4.2	10.1.4.3	10.1.4.4	10.1.4.5	10.1.4.6
L1600 In-Kind Replacement		160	160	160	160	160	160
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		540	540	540	540	540	540
Total MMcfd Shortfall		0	0	0	37	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	60%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
Number of Customers Affected	Gas Non-Core Non-EG [MMcfd]	0	0	0	37	0	0
	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	N/A	0	0
L1600 In-Kind / Otay Out / L3010 Out		10.2.4.1	10.2.4.2	10.2.4.3	10.2.4.4	10.2.4.5	10.2.4.6
L1600 In-Kind Replacement		160	160	160	160	160	160
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		160	160	160	160	160	160
Total MMcfd Shortfall		115	315	377	417	305	365
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	48%	54%	6%	11%
	Gas EG [%]	40%	80%	100%	100%	100%	100%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	150	190	10	20
	Gas EG [MWh/d]	5,395	32,368	22,253	22,253	29,671	36,414
	Gas EG [MW]	225	1,349	927	927	1,236	1,517
Number of Customers Affected	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
	Gas Core [# Affected]	0	0	420,405	471,655	51,108	96,538
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A

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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Otay Mesa Alternate

Otay Mesa Alternate / Otay Full / L3010 80%		11.1.1.1	11.1.1.2	11.1.1.3	11.1.1.4	11.1.1.5	11.1.1.6
Otay Mesa Alternate		400	400	400	400	400	400
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		1075	866	1093	1093	1109	1104
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Otay Mesa Alternate / Otay Full / L3010 Out		11.2.1.1	11.2.1.2	11.2.1.3	11.2.1.4	11.2.1.5	11.2.1.6
Otay Mesa Alternate		400	400	400	400	400	400
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		695	486	713	713	729	724
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Otay Mesa Alternate / Otay Medium / L3010 80%		11.1.2.1	11.1.2.2	11.1.2.3	11.1.2.4	11.1.2.5	11.1.2.6
Otay Mesa Alternate		400	400	400	400	400	400
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		936	840	1010	1010	1024	1027
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Otay Mesa Alternate / Otay Medium / L3010 Out		11.2.2.1	11.2.2.2	11.2.2.3	11.2.2.4	11.2.2.5	11.2.2.6
Otay Mesa Alternate		400	400	400	400	400	400
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		556	460	630	630	644	647
Total MMcfd Shortfall		0	15	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	20%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	15	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
 CURTAILMENT AND CUSTOMERS AFFECTED FOR EACH PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Otay Mesa Alternate / Otay Low / L3010 80%							
Otay Mesa Alternate		400	400	400	400	400	400
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		813	813	928	928	910	948
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Otay Mesa Alternate / Otay Low / L3010 Out							
Otay Mesa Alternate		400	400	400	400	400	400
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		433	433	548	548	530	568
Total MMcfd Shortfall		0	42	0	29	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	56%	0%	47%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	42	0	29	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	0	N/A	0	0
Otay Mesa Alternate / Otay Out / L3010 80%							
Otay Mesa Alternate		400	400	400	400	400	400
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		780	780	780	780	780	780
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Otay Mesa Alternate / Otay Out / L3010 Out							
Otay Mesa Alternate		400	400	400	400	400	400
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		400	400	400	400	400	400
Total MMcfd Shortfall		0	75	137	177	65	125
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	No	Yes
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	45%	70%	0%	19%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	87%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	10,115	15,510	0	6,743
	Gas EG [MW]	0	0	421	646	0	281
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	65	75
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	N/A	N/A	0	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
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 CURTAILMENT AND CUSTOMERS AFFECTED FOR EACH PROJECT ALTERNATE
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
<u>LNG Storage Alternate</u>							
LNG Storage / Otay Full / L3010 80%		13.1.1.1	13.1.1.2	13.1.1.3	13.1.1.4	13.1.1.5	13.1.1.6
LNG Storage Alternate		0	0	0	0	0	0
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		675	466	693	693	709	704
Total MMcfd Shortfall		0	9	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	12%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	9	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	0	0	0	0
LNG Storage / Otay Full / L3010 Out		13.2.1.1	13.2.1.2	13.2.1.3	13.2.1.4	13.2.1.5	13.2.1.6
LNG Storage Alternate		0	0	0	0	0	0
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		295	86	313	313	329	324
Total MMcfd Shortfall		0	389	224	264	136	201
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	14%	0%	11%	0%	0%
	Gas EG [%]	0%	100%	98%	100%	28%	47%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	14	0	37	0	0
	Gas EG [MWh/d]	0	40,461	21,877	22,253	8,240	17,039
	Gas EG [MW]	0	1,686	912	927	343	710
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	119,839	0	92,375	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
LNG Storage / Otay Medium / L3010 80%		13.1.2.1	13.1.2.2	13.1.2.3	13.1.2.4	13.1.2.5	13.1.2.6
LNG Storage Alternate		0	0	0	0	0	0
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		536	440	610	610	624	627
Total MMcfd Shortfall		0	35	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	47%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	35	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	0	0	0	0
LNG Storage / Otay Medium / L3010 Out		13.2.2.1	13.2.2.2	13.2.2.3	13.2.2.4	13.2.2.5	13.2.2.6
LNG Storage Alternate		0	0	0	0	0	0
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		156	60	230	230	244	247
Total MMcfd Shortfall		119	415	307	347	221	278
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	26%	34%	0%	0%
	Gas EG [%]	44%	100%	100%	100%	66%	75%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	40	80	120	0	0
	Gas EG [MWh/d]	5,978	40,461	22,253	22,253	19,672	27,355
	Gas EG [MW]	249	1,686	927	927	820	1,140
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	349,638	224,454	298,098	0	0
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
LNG Storage / Otay Low / L3010 80%		13.1.3.1	13.1.3.2	13.1.3.3	13.1.3.4	13.1.3.5	13.1.3.6
LNG Storage Alternate		0	0	0	0	0	0
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		413	413	528	528	510	548
Total MMcfd Shortfall		0	62	9	49	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	82%	14%	79%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	62	9	49	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	0	0
LNG Storage / Otay Low / L3010 Out		13.2.3.1	13.2.3.2	13.2.3.3	13.2.3.4	13.2.3.5	13.2.3.6
LNG Storage Alternate		0	0	0	0	0	0
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		33	33	148	148	130	168
Total MMcfd Shortfall		242	442	389	429	335	357
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	67%	67%	52%	58%	23%	7%
	Gas EG [%]	100%	100%	100%	100%	100%	100%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	67	67	162	202	40	12
	Gas EG [MWh/d]	13,487	40,461	22,253	22,253	29,671	36,414
	Gas EG [MW]	562	1,686	927	927	1,236	1,517
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	579,437	579,437	453,758	501,195	203,921	60,119
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
LNG Storage / Otay Out / L3010 80%		13.1.4.1	13.1.4.2	13.1.4.3	13.1.4.4	13.1.4.5	13.1.4.6
LNG Storage Alternate		0	0	0	0	0	0
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		380	380	380	380	380	380
Total MMcfd Shortfall		0	95	157	197	85	145
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	7%	58%	82%	5%	26%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	2,697	12,813	18,207	1,349	9,441
	Gas EG [MW]	0	112	534	759	56	393
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
LNG Storage / Otay Out / L3010 Out		13.2.4.1	13.2.4.2	13.2.4.3	13.2.4.4	13.2.4.5	13.2.4.6
LNG Storage Alternate		0	0	0	0	0	0
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		0	0	0	0	0	0
Total MMcfd Shortfall		275	475	537	577	465	525
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	100%	100%	100%	100%	100%	100%
	Gas EG [%]	100%	100%	100%	100%	100%	100%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	100	100	310	350	170	180
	Gas EG [MWh/d]	13,487	40,461	22,253	22,253	29,671	36,414
	Gas EG [MW]	562	1,686	927	927	1,236	1,517
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	868,838	868,838	868,838	868,838	868,838	868,838
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
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 CURTAILMENT AND CUSTOMERS AFFECTED FOR EACH PROJECT ALTERNATE
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High- EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Alt Energy Alternate (Grid-Scale)

Alt Energy (Grid) / Otay Full / L3010 80%		14.1.1.1	14.1.1.2	14.1.1.3	14.1.1.4	14.1.1.5	14.1.1.6
Alt Energy Alternate (Grid-Scale)		0	0	0	0	0	0
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		675	466	693	693	709	704
Total MMcfd Shortfall		0	9	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	12%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	9	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	0	0	0	0

Alt Energy (Grid) / Otay Full / L3010 Out		14.2.1.1	14.2.1.2	14.2.1.3	14.2.1.4	14.2.1.5	14.2.1.6
Alt Energy Alternate (Grid-Scale)		0	0	0	0	0	0
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		295	86	313	313	329	324
Total MMcfd Shortfall		0	389	224	264	136	201
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	14%	0%	11%	0%	0%
	Gas EG [%]	0%	100%	98%	100%	28%	47%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	14	0	37	0	0
	Gas EG [MWh/d]	0	40,461	21,877	22,253	8,240	17,039
	Gas EG [MW]	0	1,686	912	927	343	710
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	119,839	0	92,375	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A

Alt Energy (Grid) / Otay Medium / L3010 80%		14.1.2.1	14.1.2.2	14.1.2.3	14.1.2.4	14.1.2.5	14.1.2.6
Alt Energy Alternate (Grid-Scale)		0	0	0	0	0	0
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		536	440	610	610	624	627
Total MMcfd Shortfall		0	35	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	47%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	35	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	0	0	0	0

Alt Energy (Grid) / Otay Medium / L3010 Out		14.2.2.1	14.2.2.2	14.2.2.3	14.2.2.4	14.2.2.5	14.2.2.6
Alt Energy Alternate (Grid-Scale)		0	0	0	0	0	0
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		156	60	230	230	244	247
Total MMcfd Shortfall		119	415	307	347	221	278
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	40%	26%	34%	0%	0%
	Gas EG [%]	44%	100%	100%	100%	66%	75%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	40	80	120	0	0
	Gas EG [MWh/d]	5,978	40,461	22,253	22,253	19,672	27,355
	Gas EG [MW]	249	1,686	927	927	820	1,140
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	349,638	224,454	298,098	0	0
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
 CURTAILMENT AND CUSTOMERS AFFECTED FOR EACH PROJECT ALTERNATE
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Alt Energy (Grid) / Otay Low / L3010 80%		14.1.3.1	14.1.3.2	14.1.3.3	14.1.3.4	14.1.3.5	14.1.3.6
Alt Energy Alternate (Grid-Scale)		0	0	0	0	0	0
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		413	413	528	528	510	548
Total MMcfd Shortfall		0	62	9	49	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	82%	14%	79%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	62	9	49	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	0	0
Alt Energy (Grid) / Otay Low / L3010 Out		14.2.3.1	14.2.3.2	14.2.3.3	14.2.3.4	14.2.3.5	14.2.3.6
Alt Energy Alternate (Grid-Scale)		0	0	0	0	0	0
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		33	33	148	148	130	168
Total MMcfd Shortfall		242	442	389	429	335	357
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	67%	67%	52%	58%	23%	7%
	Gas EG [%]	100%	100%	100%	100%	100%	100%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	67	67	162	202	40	12
	Gas EG [MWh/d]	13,487	40,461	22,253	22,253	29,671	36,414
	Gas EG [MW]	562	1,686	927	927	1,236	1,517
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	579,437	579,437	453,758	501,195	203,921	60,119
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
Alt Energy (Grid) / Otay Out / L3010 80%		14.1.4.1	14.1.4.2	14.1.4.3	14.1.4.4	14.1.4.5	14.1.4.6
Alt Energy Alternate (Grid-Scale)		0	0	0	0	0	0
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		380	380	380	380	380	380
Total MMcfd Shortfall		0	95	157	197	85	145
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	7%	58%	82%	5%	26%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	2,697	12,813	18,207	1,349	9,441
	Gas EG [MW]	0	112	534	759	56	393
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
Alt Energy (Grid) / Otay Out / L3010 Out		14.2.4.1	14.2.4.2	14.2.4.3	14.2.4.4	14.2.4.5	14.2.4.6
Alt Energy Alternate (Grid-Scale)		0	0	0	0	0	0
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		0	0	0	0	0	0
Total MMcfd Shortfall		275	475	537	577	465	525
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	100%	100%	100%	100%	100%	100%
	Gas EG [%]	100%	100%	100%	100%	100%	100%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	100	100	310	350	170	180
	Gas EG [MWh/d]	13,487	40,461	22,253	22,253	29,671	36,414
	Gas EG [MW]	562	1,686	927	927	1,236	1,517
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	868,838	868,838	868,838	868,838	868,838	868,838
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
 CURTAILMENT AND CUSTOMERS AFFECTED FOR EACH PROJECT ALTERNATE
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High- EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Alt Energy Alternate (Smaller-Scale)

Alt Energy (Small) / Otay Full / L3010 80%	21.1.1.1	21.1.1.2	21.1.1.3	21.1.1.4	21.1.1.5	21.1.1.6
Alt Energy Alternate (Smaller-Scale)	0	0	0	0	0	0
Line 3010 at 80% Supply	380	380	380	380	380	380
Otay Mesa Full Supply	295	86	313	313	329	324
Total Supply	675	466	693	693	709	704
Total MMcfd Shortfall	0	9	0	0	0	0
Immediate Curtailment to EG Stations?	No	No	No	No	No	No
Curtailment (%)						
Gas Core [%]	0%	0%	0%	0%	0%	0%
Gas EG [%]	0%	0%	0%	0%	0%	0%
Gas Non-Core Non-EG [%]	0%	12%	0%	0%	0%	0%
Curtailment (Capacity)						
Gas Core [MMcfd]	0	0	0	0	0	0
Gas EG [MWh/d]	0	0	0	0	0	0
Gas EG [MW]	0	0	0	0	0	0
Gas Non-Core Non-EG [MMcfd]	0	9	0	0	0	0
Number of Customers Affected						
Gas Core [# Affected]	0	0	0	0	0	0
Gas EG [# Affected]	0	0	0	0	0	0
Gas Non-Core Non-EG [# Affected]	0	N/A	0	0	0	0

Alt Energy (Small) / Otay Full / L3010 Out	21.2.1.1	21.2.1.2	21.2.1.3	21.2.1.4	21.2.1.5	21.2.1.6
Alt Energy Alternate (Smaller-Scale)	0	0	0	0	0	0
Line 3010 Complete Outage	0	0	0	0	0	0
Otay Mesa Full Supply	295	86	313	313	329	324
Total Supply	295	86	313	313	329	324
Total MMcfd Shortfall	0	389	224	264	136	201
Immediate Curtailment to EG Stations?	No	Yes	Yes	Yes	Yes	Yes
Curtailment (%)						
Gas Core [%]	0%	14%	0%	11%	0%	0%
Gas EG [%]	0%	100%	98%	100%	28%	47%
Gas Non-Core Non-EG [%]	0%	100%	100%	100%	100%	100%
Curtailment (Capacity)						
Gas Core [MMcfd]	0	14	0	37	0	0
Gas EG [MWh/d]	0	40,461	21,877	22,253	8,240	17,039
Gas EG [MW]	0	1,686	912	927	343	710
Gas Non-Core Non-EG [MMcfd]	0	75	62	62	75	75
Number of Customers Affected						
Gas Core [# Affected]	0	119,839	0	92,375	0	0
Gas EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A

Alt Energy (Small) / Otay Medium / L3010 80%	21.1.2.1	21.1.2.2	21.1.2.3	21.1.2.4	21.1.2.5	21.1.2.6
Alt Energy Alternate (Smaller-Scale)	0	0	0	0	0	0
Line 3010 at 80% Supply	380	380	380	380	380	380
Otay Mesa Medium Supply	156	60	230	230	244	247
Total Supply	536	440	610	610	624	627
Total MMcfd Shortfall	0	35	0	0	0	0
Immediate Curtailment to EG Stations?	No	No	No	No	No	No
Curtailment (%)						
Gas Core [%]	0%	0%	0%	0%	0%	0%
Gas EG [%]	0%	0%	0%	0%	0%	0%
Gas Non-Core Non-EG [%]	0%	47%	0%	0%	0%	0%
Curtailment (Capacity)						
Gas Core [MMcfd]	0	0	0	0	0	0
Gas EG [MWh/d]	0	0	0	0	0	0
Gas EG [MW]	0	0	0	0	0	0
Gas Non-Core Non-EG [MMcfd]	0	35	0	0	0	0
Number of Customers Affected						
Gas Core [# Affected]	0	0	0	0	0	0
Gas EG [# Affected]	0	0	0	0	0	0
Gas Non-Core Non-EG [# Affected]	0	N/A	0	0	0	0

Alt Energy (Small) / Otay Medium / L3010 Out	21.2.2.1	21.2.2.2	21.2.2.3	21.2.2.4	21.2.2.5	21.2.2.6
Alt Energy Alternate (Smaller-Scale)	0	0	0	0	0	0
Line 3010 Complete Outage	0	0	0	0	0	0
Otay Mesa Medium Supply	156	60	230	230	244	247
Total Supply	156	60	230	230	244	247
Total MMcfd Shortfall	119	415	307	347	221	278
Immediate Curtailment to EG Stations?	Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)						
Gas Core [%]	0%	40%	26%	34%	0%	0%
Gas EG [%]	44%	100%	100%	100%	66%	75%
Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)						
Gas Core [MMcfd]	0	40	80	120	0	0
Gas EG [MWh/d]	5,978	40,461	22,253	22,253	19,672	27,355
Gas EG [MW]	249	1,686	927	927	820	1,140
Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected						
Gas Core [# Affected]	0	349,638	224,454	298,098	0	0
Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A

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 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Alt Energy (Small) / Otay Low / L3010 80%		21.1.3.1	21.1.3.2	21.1.3.3	21.1.3.4	21.1.3.5	21.1.3.6
Alt Energy Alternate (Smaller-Scale)		0	0	0	0	0	0
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		413	413	528	528	510	548
Total MMcfd Shortfall		0	62	9	49	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	82%	14%	79%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	62	9	49	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	0	0
Alt Energy (Small) / Otay Low / L3010 Out		21.2.3.1	21.2.3.2	21.2.3.3	21.2.3.4	21.2.3.5	21.2.3.6
Alt Energy Alternate (Smaller-Scale)		0	0	0	0	0	0
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		33	33	148	148	130	168
Total MMcfd Shortfall		242	442	389	429	335	357
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	67%	67%	52%	58%	23%	7%
	Gas EG [%]	100%	100%	100%	100%	100%	100%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	67	67	162	202	40	12
	Gas EG [MWh/d]	13,487	40,461	22,253	22,253	29,671	36,414
	Gas EG [MW]	562	1,686	927	927	1,236	1,517
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	579,437	579,437	453,758	501,195	203,921	60,119
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
Alt Energy (Small) / Otay Out / L3010 80%		21.1.4.1	21.1.4.2	21.1.4.3	21.1.4.4	21.1.4.5	21.1.4.6
Alt Energy Alternate (Smaller-Scale)		0	0	0	0	0	0
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		380	380	380	380	380	380
Total MMcfd Shortfall		0	95	157	197	85	145
Immediate Curtailment to EG Stations?		No	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	7%	58%	82%	5%	26%
	Gas Non-Core Non-EG [%]	0%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	2,697	12,813	18,207	1,349	9,441
	Gas EG [MW]	0	112	534	759	56	393
	Gas Non-Core Non-EG [MMcfd]	0	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	0	N/A	N/A	N/A	N/A	N/A
Alt Energy (Small) / Otay Out / L3010 Out		21.2.4.1	21.2.4.2	21.2.4.3	21.2.4.4	21.2.4.5	21.2.4.6
Alt Energy Alternate (Smaller-Scale)		0	0	0	0	0	0
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		0	0	0	0	0	0
Total MMcfd Shortfall		275	475	537	577	465	525
Immediate Curtailment to EG Stations?		Yes	Yes	Yes	Yes	Yes	Yes
Curtailment (%)	Gas Core [%]	100%	100%	100%	100%	100%	100%
	Gas EG [%]	100%	100%	100%	100%	100%	100%
	Gas Non-Core Non-EG [%]	100%	100%	100%	100%	100%	100%
Curtailment (Capacity)	Gas Core [MMcfd]	100	100	310	350	170	180
	Gas EG [MWh/d]	13,487	40,461	22,253	22,253	29,671	36,414
	Gas EG [MW]	562	1,686	927	927	1,236	1,517
	Gas Non-Core Non-EG [MMcfd]	75	75	62	62	75	75
Number of Customers Affected	Gas Core [# Affected]	868,838	868,838	868,838	868,838	868,838	868,838
	Gas EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A
	Gas Non-Core Non-EG [# Affected]	N/A	N/A	N/A	N/A	N/A	N/A

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
 CURTAILMENT AND CUSTOMERS AFFECTED FOR EACH PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Offshore Route

Offshore / Otay Full / L3010 80%		15.1.1.1	15.1.1.2	15.1.1.3	15.1.1.4	15.1.1.5	15.1.1.6
Offshore Route		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		1355	1146	1373	1373	1389	1384
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Offshore / Otay Full / L3010 Out		15.2.1.1	15.2.1.2	15.2.1.3	15.2.1.4	15.2.1.5	15.2.1.6
Offshore Route		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		975	766	993	993	1009	1004
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Offshore / Otay Medium / L3010 80%		15.1.2.1	15.1.2.2	15.1.2.3	15.1.2.4	15.1.2.5	15.1.2.6
Offshore Route		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		1216	1120	1290	1290	1304	1307
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Offshore / Otay Medium / L3010 Out		15.2.2.1	15.2.2.2	15.2.2.3	15.2.2.4	15.2.2.5	15.2.2.6
Offshore Route		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		836	740	910	910	924	927
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
 CURTAILMENT AND CUSTOMERS AFFECTED FOR EACH PROJECT ALTERNATE
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Offshore / Otay Low / L3010 80%		15.1.3.1	15.1.3.2	15.1.3.3	15.1.3.4	15.1.3.5	15.1.3.6
Offshore Route		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		1093	1093	1208	1208	1190	1228
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Offshore / Otay Low / L3010 Out		15.2.3.1	15.2.3.2	15.2.3.3	15.2.3.4	15.2.3.5	15.2.3.6
Offshore Route		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		713	713	828	828	810	848
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Offshore / Otay Out / L3010 80%		15.1.4.1	15.1.4.2	15.1.4.3	15.1.4.4	15.1.4.5	15.1.4.6
Offshore Route		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		1060	1060	1060	1060	1060	1060
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Offshore / Otay Out / L3010 Out		15.2.4.1	15.2.4.2	15.2.4.3	15.2.4.4	15.2.4.5	15.2.4.6
Offshore Route		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		680	680	680	680	680	680
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
<u>Blythe to Santee Alternate 1</u>							
<u>Blythe to Santee 1 / Otay Full / L3010 80%</u>		<u>16.1.1.1</u>	<u>16.1.1.2</u>	<u>16.1.1.3</u>	<u>16.1.1.4</u>	<u>16.1.1.5</u>	<u>16.1.1.6</u>
Blythe to Santee Alternate 1		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		1355	1146	1373	1373	1389	1384
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
<u>Blythe to Santee 1 / Otay Full / L3010 Out</u>		<u>16.2.1.1</u>	<u>16.2.1.2</u>	<u>16.2.1.3</u>	<u>16.2.1.4</u>	<u>16.2.1.5</u>	<u>16.2.1.6</u>
Blythe to Santee Alternate 1		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		975	766	993	993	1009	1004
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
<u>Blythe to Santee 1 / Otay Medium / L3010 80%</u>		<u>16.1.2.1</u>	<u>16.1.2.2</u>	<u>16.1.2.3</u>	<u>16.1.2.4</u>	<u>16.1.2.5</u>	<u>16.1.2.6</u>
Blythe to Santee Alternate 1		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		1216	1120	1290	1290	1304	1307
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
<u>Blythe to Santee 1 / Otay Medium / L3010 Out</u>		<u>16.2.2.1</u>	<u>16.2.2.2</u>	<u>16.2.2.3</u>	<u>16.2.2.4</u>	<u>16.2.2.5</u>	<u>16.2.2.6</u>
Blythe to Santee Alternate 1		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		836	740	910	910	924	927
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
 CURTAILMENT AND CUSTOMERS AFFECTED FOR EACH PROJECT ALTERNATE
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Blythe to Santee 1 / Otay Low / L3010 80%		16.1.3.1	16.1.3.2	16.1.3.3	16.1.3.4	16.1.3.5	16.1.3.6
Blythe to Santee Alternate 1		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		1093	1093	1208	1208	1190	1228
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Blythe to Santee 1 / Otay Low / L3010 Out		16.2.3.1	16.2.3.2	16.2.3.3	16.2.3.4	16.2.3.5	16.2.3.6
Blythe to Santee Alternate 1		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		713	713	828	828	810	848
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Blythe to Santee 1 / Otay Out / L3010 80%		16.1.4.1	16.1.4.2	16.1.4.3	16.1.4.4	16.1.4.5	16.1.4.6
Blythe to Santee Alternate 1		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		1060	1060	1060	1060	1060	1060
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Blythe to Santee 1 / Otay Out / L3010 Out		16.2.4.1	16.2.4.2	16.2.4.3	16.2.4.4	16.2.4.5	16.2.4.6
Blythe to Santee Alternate 1		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		680	680	680	680	680	680
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
 CURTAILMENT AND CUSTOMERS AFFECTED FOR EACH PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
<u>Blythe to Santee Alternate 2</u>							
<u>Blythe to Santee 2 / Otay Full / L3010 80%</u>		<u>17.1.1.1</u>	<u>17.1.1.2</u>	<u>17.1.1.3</u>	<u>17.1.1.4</u>	<u>17.1.1.5</u>	<u>17.1.1.6</u>
Blythe to Santee Alternate 2		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		1355	1146	1373	1373	1389	1384
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
<u>Blythe to Santee 2 / Otay Full / L3010 Out</u>		<u>17.2.1.1</u>	<u>17.2.1.2</u>	<u>17.2.1.3</u>	<u>17.2.1.4</u>	<u>17.2.1.5</u>	<u>17.2.1.6</u>
Blythe to Santee Alternate 2		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		975	766	993	993	1009	1004
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
<u>Blythe to Santee 2 / Otay Medium / L3010 80%</u>		<u>17.1.2.1</u>	<u>17.1.2.2</u>	<u>17.1.2.3</u>	<u>17.1.2.4</u>	<u>17.1.2.5</u>	<u>17.1.2.6</u>
Blythe to Santee Alternate 2		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		1216	1120	1290	1290	1304	1307
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
<u>Blythe to Santee 2 / Otay Medium / L3010 Out</u>		<u>17.2.2.1</u>	<u>17.2.2.2</u>	<u>17.2.2.3</u>	<u>17.2.2.4</u>	<u>17.2.2.5</u>	<u>17.2.2.6</u>
Blythe to Santee Alternate 2		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		836	740	910	910	924	927
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Blythe to Santee 2 / Otay Low / L3010 80%		17.1.3.1	17.1.3.2	17.1.3.3	17.1.3.4	17.1.3.5	17.1.3.6
Blythe to Santee Alternate 2		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		1093	1093	1208	1208	1190	1228
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Blythe to Santee 2 / Otay Low / L3010 Out		17.2.3.1	17.2.3.2	17.2.3.3	17.2.3.4	17.2.3.5	17.2.3.6
Blythe to Santee Alternate 2		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		713	713	828	828	810	848
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Blythe to Santee 2 / Otay Out / L3010 80%		17.1.4.1	17.1.4.2	17.1.4.3	17.1.4.4	17.1.4.5	17.1.4.6
Blythe to Santee Alternate 2		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		1060	1060	1060	1060	1060	1060
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Blythe to Santee 2 / Otay Out / L3010 Out		17.2.4.1	17.2.4.2	17.2.4.3	17.2.4.4	17.2.4.5	17.2.4.6
Blythe to Santee Alternate 2		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		680	680	680	680	680	680
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Cactus City to San Diego Alternate

Cactus City to SD / Otay Full / L3010 80%		18.1.1.1	18.1.1.2	18.1.1.3	18.1.1.4	18.1.1.5	18.1.1.6
Cactus City to San Diego Alternate		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		1355	1146	1373	1373	1389	1384
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Cactus City to SD / Otay Full / L3010 Out		18.2.1.1	18.2.1.2	18.2.1.3	18.2.1.4	18.2.1.5	18.2.1.6
Cactus City to San Diego Alternate		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		975	766	993	993	1009	1004
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Cactus City to SD / Otay Medium / L3010 80%		18.1.2.1	18.1.2.2	18.1.2.3	18.1.2.4	18.1.2.5	18.1.2.6
Cactus City to San Diego Alternate		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		1216	1120	1290	1290	1304	1307
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Cactus City to SD / Otay Medium / L3010 Out		18.2.2.1	18.2.2.2	18.2.2.3	18.2.2.4	18.2.2.5	18.2.2.6
Cactus City to San Diego Alternate		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		836	740	910	910	924	927
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Cactus City to SD / Otay Low / L3010 80%		18.1.3.1	18.1.3.2	18.1.3.3	18.1.3.4	18.1.3.5	18.1.3.6
Cactus City to San Diego Alternate		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		1093	1093	1208	1208	1190	1228
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Cactus City to SD / Otay Low / L3010 Out		18.2.3.1	18.2.3.2	18.2.3.3	18.2.3.4	18.2.3.5	18.2.3.6
Cactus City to San Diego Alternate		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		713	713	828	828	810	848
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Cactus City to SD / Otay Out / L3010 80%		18.1.4.1	18.1.4.2	18.1.4.3	18.1.4.4	18.1.4.5	18.1.4.6
Cactus City to San Diego Alternate		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		1060	1060	1060	1060	1060	1060
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Cactus City to SD / Otay Out / L3010 Out		18.2.4.1	18.2.4.2	18.2.4.3	18.2.4.4	18.2.4.5	18.2.4.6
Cactus City to San Diego Alternate		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		680	680	680	680	680	680
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
 CURTAILMENT AND CUSTOMERS AFFECTED FOR EACH PROJECT ALTERNATE
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H

Second Pipeline Along L3010 Alternate

Second Pipeline Along L3010 / Otay Full / L3010 80%		19.1.1.1	19.1.1.2	19.1.1.3	19.1.1.4	19.1.1.5	19.1.1.6
Second Pipeline Along L3010 Alternate		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		1355	1146	1373	1373	1389	1384
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Second Pipeline Along L3010 / Otay Full / L3010 Out		19.2.1.1	19.2.1.2	19.2.1.3	19.2.1.4	19.2.1.5	19.2.1.6
Second Pipeline Along L3010 Alternate		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Full Supply		295	86	313	313	329	324
Total Supply		975	766	993	993	1009	1004
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Second Pipeline Along L3010 / Otay Medium / L3010 80%		19.1.2.1	19.1.2.2	19.1.2.3	19.1.2.4	19.1.2.5	19.1.2.6
Second Pipeline Along L3010 Alternate		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		1216	1120	1290	1290	1304	1307
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

Second Pipeline Along L3010 / Otay Medium / L3010 Out		19.2.2.1	19.2.2.2	19.2.2.3	19.2.2.4	19.2.2.5	19.2.2.6
Second Pipeline Along L3010 Alternate		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Medium Supply		156	60	230	230	244	247
Total Supply		836	740	910	910	924	927
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GAS DEMAND AND SUPPLY (SA 1.1)
 EXAMPLE DAY OF GAS DEMAND AND SUPPLY FOR CUSTOMER CLASSES DURING SEASONAL VARIATIONS FOR ANALYSIS OF
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Line No.

		1. Example Summer Low- EG Day MMcfd	2. Example Summer High EG Day MMcfd	3. Example Winter Day MMcfd	4. Winter 1- in-10 Year Day MMcfd	5. Example Spring Day MMcfd	6. Example Fall Day MMcfd
A	B	C	D	E	F	G	H
Second Pipeline Along L3010 / Otay Low / L3010 80%		19.1.3.1	19.1.3.2	19.1.3.3	19.1.3.4	19.1.3.5	19.1.3.6
Second Pipeline Along L3010 Alternate		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		1093	1093	1208	1208	1190	1228
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Second Pipeline Along L3010 / Otay Low / L3010 Out		19.2.3.1	19.2.3.2	19.2.3.3	19.2.3.4	19.2.3.5	19.2.3.6
Second Pipeline Along L3010 Alternate		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa Low Supply		33	33	148	148	130	168
Total Supply		713	713	828	828	810	848
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Second Pipeline Along L3010 / Otay Out / L3010 80%		19.1.4.1	19.1.4.2	19.1.4.3	19.1.4.4	19.1.4.5	19.1.4.6
Second Pipeline Along L3010 Alternate		680	680	680	680	680	680
Line 3010 at 80% Supply		380	380	380	380	380	380
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		1060	1060	1060	1060	1060	1060
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0
Second Pipeline Along L3010 / Otay Out / L3010 Out		19.2.4.1	19.2.4.2	19.2.4.3	19.2.4.4	19.2.4.5	19.2.4.6
Second Pipeline Along L3010 Alternate		680	680	680	680	680	680
Line 3010 Complete Outage		0	0	0	0	0	0
Otay Mesa No Supply		0	0	0	0	0	0
Total Supply		680	680	680	680	680	680
Total MMcfd Shortfall		0	0	0	0	0	0
Immediate Curtailment to EG Stations?		No	No	No	No	No	No
Curtailment (%)	Gas Core [%]	0%	0%	0%	0%	0%	0%
	Gas EG [%]	0%	0%	0%	0%	0%	0%
	Gas Non-Core Non-EG [%]	0%	0%	0%	0%	0%	0%
Curtailment (Capacity)	Gas Core [MMcfd]	0	0	0	0	0	0
	Gas EG [MWh/d]	0	0	0	0	0	0
	Gas EG [MW]	0	0	0	0	0	0
	Gas Non-Core Non-EG [MMcfd]	0	0	0	0	0	0
Number of Customers Affected	Gas Core [# Affected]	0	0	0	0	0	0
	Gas EG [# Affected]	0	0	0	0	0	0
	Gas Non-Core Non-EG [# Affected]	0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
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Line No.

		1. Example Summer Low-EG Dav MW	2. Example Summer High-EG Dav MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
Model Inputs							
Date Ranges							
Date Ranges for Seasonal Demand Conditions		8/2/2015	8/8/2015	1/2/2015	1/14/2013	5/9/2015	11/23/2015
Electric Demand (MW)							
Peak Electric Demand		3062	3723	2969	3328	2693	3019
Electric Supply (MW)							
NG-Fired Electric Gen		562	1,686	927	927	1,236	1,517
Other In-Basin Electric Gen		70	70	70	70	70	70
Electric Import Capacity		2500	2500	2500	2500	2500	2500
Notes:							
1. SDG&E electric peak demand data and renewable data (source: SDG&E Grid Operations Services Department)							
2. Current state estimate of electric import capacity provided by SDG&E Grid Operations. Capacity expected to increase by completion date of the proposed project or alternates.							
3. For the Alt Energy Alternative, it was assumed that the capacity would be designed as a full backup to the EG stations (equivalent to max EG demand for gas)							
Capacity (MW)		1,686					
4. For the LNG Storage Alternative, it was assumed that the storage capacity would be designed to meet a full NG outage to the electric generation sites. (Source: SDG&E / SoCalGas LNG Storage Facility Alternative Cost Analysis)							
5. Count of Total SDG&E Electric meters (source: SDG&E website, http://www.sdge.com/aboutus)							
Count (#)		1,400,000					

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Line No.

		1. Example Summer Low-EG Dav MW	2. Example Summer High-EG Dav MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
<u>Line 1600 (Pre/Post Hydrotesting)</u>							
L1600 / Otay Full / L3010 80%		1.1.1.1	1.1.1.2	1.1.1.3	1.1.1.4	1.1.1.5	1.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
L1600 / Otay Full / L3010 Out		1.2.1.1	1.2.1.2	1.2.1.3	1.2.1.4	1.2.1.5	1.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	920	69	293	0	0
Total Supply		3132	3335	3429	3204	3806	4087
Elec Curtailment (MWh)		0	2,043	0	249	0	0
Elec Curtailment Duration (h)		0	9	0	3	0	0
Avg Elec Curtailment (MW)		0	221	0	83	0	0
Elec Curtailment (%)		0%	6%	0%	2%	0%	0%
Elec Curtailment (# of Customers)		0	83,073	0	34,869	0	0
L1600 / Otay Medium / L3010 80%		1.1.2.1	1.1.2.2	1.1.2.3	1.1.2.4	1.1.2.5	1.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
L1600 / Otay Medium / L3010 Out		1.2.2.1	1.2.2.2	1.2.2.3	1.2.2.4	1.2.2.5	1.2.2.6
Curtailed NG-Fired Electric Gen (MW)		0	1069	534	759	0	297
Total Supply		3132	3187	2963	2738	3806	3790
Elec Curtailment (MWh)		0	3,554	1	2,886	0	0
Elec Curtailment Duration (h)		0	11	0	11	0	0
Avg Elec Curtailment (MW)		0	323	6	268	0	0
Elec Curtailment (%)		0%	9%	0%	8%	0%	0%
Elec Curtailment (# of Customers)		0	121,504	2,665	112,935	0	0
L1600 / Otay Low / L3010 80%		1.1.3.1	1.1.3.2	1.1.3.3	1.1.3.4	1.1.3.5	1.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
L1600 / Otay Low / L3010 Out		1.2.3.1	1.2.3.2	1.2.3.3	1.2.3.4	1.2.3.5	1.2.3.6
Curtailed NG-Fired Electric Gen (MW)		94	1218	927	927	618	744
Total Supply		3038	3038	2570	2570	3189	3343
Elec Curtailment (MWh)		12	5,303	1,450	5,152	0	0
Elec Curtailment Duration (h)		1	13	5	17	0	0
Avg Elec Curtailment (MW)		23	424	276	308	0	0
Elec Curtailment (%)		1%	11%	9%	9%	0%	0%
Elec Curtailment (# of Customers)		10,621	159,543	130,224	129,384	0	0

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Line No.

1			1. Example Summer Low-EG Day MW	2. Example Summer High-EG Day MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
2	A	B	C	D	E	F	G	H
82								
83	L1600 / Otay Out / L3010 80%		1.1.4.1	1.1.4.2	1.1.4.3	1.1.4.4	1.1.4.5	1.1.4.6
84	Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
85	Total Supply		3132	4256	3497	3497	3806	4087
86	Elec Curtailment (MWh)		0	0	0	0	0	0
87	Elec Curtailment Duration (h)		0	0	0	0	0	0
88	Avg Elec Curtailment (MW)		0	0	0	0	0	0
89	Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
90	Elec Curtailment (# of Customers)		0	0	0	0	0	0
91								
92	L1600 / Otay Out / L3010 Out		1.2.4.1	1.2.4.2	1.2.4.3	1.2.4.4	1.2.4.5	1.2.4.6
93	Curtailed NG-Fired Electric Gen (MW)		281	1405	927	927	1236	1517
94	Total Supply		2851	2851	2570	2570	2570	2570
95	Elec Curtailment (MWh)		720	7,881	1,450	5,152	150	1,636
96	Elec Curtailment Duration (h)		6	15	5	17	2	8
97	Avg Elec Curtailment (MW)		120	534	276	308	86	204
98	Elec Curtailment (%)		4%	14%	9%	9%	3%	7%
99	Elec Curtailment (# of Customers)		54,877	200,930	130,224	129,384	44,549	94,833

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Line No.

		1. Example Summer Low-EG Dav MW	2. Example Summer High-EG Dav MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
<u>Line 3602 (Proposed Project)</u>							
L3602 / Otay Full / L3010 80%		2.1.1.1	2.1.1.2	2.1.1.3	2.1.1.4	2.1.1.5	2.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
L3602 / Otay Full / L3010 Out		2.2.1.1	2.2.1.2	2.2.1.3	2.2.1.4	2.2.1.5	2.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
L3602 / Otay Medium / L3010 80%		2.1.2.1	2.1.2.2	2.1.2.3	2.1.2.4	2.1.2.5	2.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
L3602 / Otay Medium / L3010 Out		2.2.2.1	2.2.2.2	2.2.2.3	2.2.2.4	2.2.2.5	2.2.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
L3602 / Otay Low / L3010 80%		2.1.3.1	2.1.3.2	2.1.3.3	2.1.3.4	2.1.3.5	2.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
L3602 / Otay Low / L3010 Out		2.2.3.1	2.2.3.2	2.2.3.3	2.2.3.4	2.2.3.5	2.2.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
L3602 / Otay Out / L3010 80%		2.1.4.1	2.1.4.2	2.1.4.3	2.1.4.4	2.1.4.5	2.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
L3602 / Otay Out / L3010 Out		2.2.4.1	2.2.4.2	2.2.4.3	2.2.4.4	2.2.4.5	2.2.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0.0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low-EG Day MW	2. Example Summer High-EG Day MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
Line 1600 (During Hydrotesting)							
Hydrotesting / Otay Full / L3010 80%		3.1.1.1	3.1.1.2	3.1.1.3	3.1.1.4	3.1.1.5	3.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0		0	0		0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Hydrotesting / Otay Full / L3010 Out		3.2.1.1	3.2.1.2	3.2.1.3	3.2.1.4	3.2.1.5	3.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	1686	912	927	343	710
Total Supply		3132	2570	2586	2570	3463	3377
Elec Curtailment (MWh)		0	12,380	1,368	5,152	0	0
Elec Curtailment Duration (h)		0	18	5	17	0	0
Avg Elec Curtailment (MW)		0	697	261	308	0	0
Elec Curtailment (%)		0%	19%	9%	9%	0%	0%
Elec Curtailment (# of Customers)		0	262,272	122,837	129,384	0	0
Hydrotesting / Otay Medium / L3010 80%		3.1.2.1	3.1.2.2	3.1.2.3	3.1.2.4	3.1.2.5	3.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Hydrotesting / Otay Medium / L3010 Out		3.2.2.1	3.2.2.2	3.2.2.3	3.2.2.4	3.2.2.5	3.2.2.6
Curtailed NG-Fired Electric Gen (MW)		249	1686	927	927	820	1140
Total Supply		2883	2570	2570	2570	2987	2947
Elec Curtailment (MWh)		542	12,380	1,450	5,152	0	70
Elec Curtailment Duration (h)		5	18	5	17	0	2
Avg Elec Curtailment (MW)		103	697	276	308	0	46
Elec Curtailment (%)		3%	19%	9%	9%	0%	2%
Elec Curtailment (# of Customers)		47,219	262,272	130,224	129,384	0	21,550
Hydrotesting / Otay Low / L3010 80%		3.1.3.1	3.1.3.2	3.1.3.3	3.1.3.4	3.1.3.5	3.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Hydrotesting / Otay Low / L3010 Out		3.2.3.1	3.2.3.2	3.2.3.3	3.2.3.4	3.2.3.5	3.2.3.6
Curtailed NG-Fired Electric Gen (MW)		562	1686	927	927	1236	1517
Total Supply		2570	2570	2570	2570	2570	2570
Elec Curtailment (MWh)		2,873	12,380	1,450	5,152	150	1,636
Elec Curtailment Duration (h)		9	18	5	17	2	8
Avg Elec Curtailment (MW)		311	697	276	308	86	204
Elec Curtailment (%)		10%	19%	9%	9%	3%	7%
Elec Curtailment (# of Customers)		142,040	262,272	130,224	129,384	44,549	94,833
Hydrotesting / Otay Out / L3010 80%		3.1.4.1	3.1.4.2	3.1.4.3	3.1.4.4	3.1.4.5	3.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	112	534	759	56	393
Total Supply		3132	4143	2963	2739	3750	3694
Elec Curtailment (MWh)		0	0	1	2,881	0	0
Elec Curtailment Duration (h)		0	0	0	11	0	0
Avg Elec Curtailment (MW)		0	0	5	268	0	0
Elec Curtailment (%)		0%	0%	0%	8%	0%	0%
Elec Curtailment (# of Customers)		0	0	2,440	112,734	0	0
Hydrotesting / Otay Out / L3010 Out		3.2.4.1	3.2.4.2	3.2.4.3	3.2.4.4	3.2.4.5	3.2.4.6
Curtailed NG-Fired Electric Gen (MW)		562	1686	927	927	1236	1517
Total Supply		2570	2570	2570	2570	2570	2570
Elec Curtailment (MWh)		2,873	12,380	1,450	5,152	150	1,636
Elec Curtailment Duration (h)		9	18	5	17	2	8
Avg Elec Curtailment (MW)		311	697	276	308	86	204
Elec Curtailment (%)		10%	19%	9%	9%	3%	7%
Elec Curtailment (# of Customers)		142,040	262,272	130,224	129,384	44,549	94,833

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low-EG Dav MW	2. Example Summer High-EG Dav MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
Alternate Diameter Pipeline 10"							
Alt Diameter 10" / Otay Full / L3010 80%		4.1.1.1	4.1.1.2	4.1.1.3	4.1.1.4	4.1.1.5	4.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 10" / Otay Full / L3010 Out		4.2.1.1	4.2.1.2	4.2.1.3	4.2.1.4	4.2.1.5	4.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	1482	631	855	62	429
Total Supply		3132	2773	2867	2642	3744	3658
Elec Curtailment (MWh)		0	9,051	172	4,053	0	0
Elec Curtailment Duration (h)		0	16	3	14	0	0
Avg Elec Curtailment (MW)		0	584	62	300	0	0
Elec Curtailment (%)		0%	16%	2%	9%	0%	0%
Elec Curtailment (# of Customers)		0	219,576	29,432	126,283	0	0
Alt Diameter 10" / Otay Medium / L3010 80%		4.1.2.1	4.1.2.2	4.1.2.3	4.1.2.4	4.1.2.5	4.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 10" / Otay Medium / L3010 Out		4.2.2.1	4.2.2.2	4.2.2.3	4.2.2.4	4.2.2.5	4.2.2.6
Curtailed NG-Fired Electric Gen (MW)		0	1631	927	927	539	859
Total Supply		3132	2625	2570	2570	3268	3228
Elec Curtailment (MWh)		0	11,438	1,450	5,152	0	0
Elec Curtailment Duration (h)		0	17	5	17	0	0
Avg Elec Curtailment (MW)		0	683	276	308	0	0
Elec Curtailment (%)		0%	18%	9%	9%	0%	0%
Elec Curtailment (# of Customers)		0	256,793	130,224	129,384	0	0
Alt Diameter 10" / Otay Low / L3010 80%		4.1.3.1	4.1.3.2	4.1.3.3	4.1.3.4	4.1.3.5	4.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 10" / Otay Low / L3010 Out		4.2.3.1	4.2.3.2	4.2.3.3	4.2.3.4	4.2.3.5	4.2.3.6
Curtailed NG-Fired Electric Gen (MW)		562	1686	927	927	1180	1306
Total Supply		2570	2570	2570	2570	2627	2781
Elec Curtailment (MWh)		2,873	12,380	1,450	5,152	58	473
Elec Curtailment Duration (h)		9	18	5	17	2	3
Avg Elec Curtailment (MW)		311	697	276	308	38	146
Elec Curtailment (%)		10%	19%	9%	9%	1%	5%
Elec Curtailment (# of Customers)		142,040	262,272	130,224	129,384	19,934	67,529
Alt Diameter 10" / Otay Out / L3010 80%		4.1.4.1	4.1.4.2	4.1.4.3	4.1.4.4	4.1.4.5	4.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	253	478	0	112
Total Supply		3132	4256	3244	3020	3806	3975
Elec Curtailment (MWh)		0	0	0	912	0	0
Elec Curtailment Duration (h)		0	0	0	4	0	0
Avg Elec Curtailment (MW)		0	0	0	215	0	0
Elec Curtailment (%)		0%	0%	0%	6%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	90,313	0	0
Alt Diameter 10" / Otay Out / L3010 Out		4.2.4.1	4.2.4.2	4.2.4.3	4.2.4.4	4.2.4.5	4.2.4.6
Curtailed NG-Fired Electric Gen (MW)		562	1686	927	927	1236	1517
Total Supply		2570	2570	2570	2570	2570	2570
Elec Curtailment (MWh)		2,873	12,380	1,450	5,152	150	1,636
Elec Curtailment Duration (h)		9	18	5	17	2	8
Avg Elec Curtailment (MW)		311	697	276	308	86	204
Elec Curtailment (%)		10%	19%	9%	9%	3%	7%
Elec Curtailment (# of Customers)		142,040	262,272	130,224	129,384	44,549	94,833

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low-EG Day MW	2. Example Summer High-EG Day MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
Alternate Diameter Pipeline 12"							
Alt Diameter 12" / Otay Full / L3010 80%		5.1.1.1	5.1.1.2	5.1.1.3	5.1.1.4	5.1.1.5	5.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 12" / Otay Full / L3010 Out		5.2.1.1	5.2.1.2	5.2.1.3	5.2.1.4	5.2.1.5	5.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	1370	518	743	0	317
Total Supply		3132	2886	2979	2754	3806	3771
Elec Curtailment (MWh)		0	7,374	0	2,716	0	0
Elec Curtailment Duration (h)		0	15	0	11	0	0
Avg Elec Curtailment (MW)		0	509	0	259	0	0
Elec Curtailment (%)		0%	14%	0%	8%	0%	0%
Elec Curtailment (# of Customers)		0	191,226	0	108,815	0	0
Alt Diameter 12" / Otay Medium / L3010 80%		5.1.2.1	5.1.2.2	5.1.2.3	5.1.2.4	5.1.2.5	5.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 12" / Otay Medium / L3010 Out		5.2.2.1	5.2.2.2	5.2.2.3	5.2.2.4	5.2.2.5	5.2.2.6
Curtailed NG-Fired Electric Gen (MW)		0	1519	927	927	426	746
Total Supply		3132	2737	2570	2570	3380	3341
Elec Curtailment (MWh)		0	9,618	1,450	5,152	0	0
Elec Curtailment Duration (h)		0	16	5	17	0	0
Avg Elec Curtailment (MW)		0	601	276	308	0	0
Elec Curtailment (%)		0%	16%	9%	9%	0%	0%
Elec Curtailment (# of Customers)		0	226,051	130,224	129,384	0	0
Alt Diameter 12" / Otay Low / L3010 80%		5.1.3.1	5.1.3.2	5.1.3.3	5.1.3.4	5.1.3.5	5.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 12" / Otay Low / L3010 Out		5.2.3.1	5.2.3.2	5.2.3.3	5.2.3.4	5.2.3.5	5.2.3.6
Curtailed NG-Fired Electric Gen (MW)		543	1667	927	927	1067	1194
Total Supply		2589	2589	2570	2570	2739	2893
Elec Curtailment (MWh)		2,701	12,054	1,450	5,152	0	170
Elec Curtailment Duration (h)		9	18	5	17	0	2
Avg Elec Curtailment (MW)		292	689	276	308	0	76
Elec Curtailment (%)		10%	19%	9%	9%	0%	3%
Elec Curtailment (# of Customers)		133,537	259,014	130,224	129,384	0	35,092
Alt Diameter 12" / Otay Out / L3010 80%		5.1.4.1	5.1.4.2	5.1.4.3	5.1.4.4	5.1.4.5	5.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	140	365	0	0
Total Supply		3132	4256	3357	3132	3806	4087
Elec Curtailment (MWh)		0	0	0	486	0	0
Elec Curtailment Duration (h)		0	0	0	4	0	0
Avg Elec Curtailment (MW)		0	0	0	139	0	0
Elec Curtailment (%)		0%	0%	0%	4%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	58,403	0	0
Alt Diameter 12" / Otay Out / L3010 Out		5.2.4.1	5.2.4.2	5.2.4.3	5.2.4.4	5.2.4.5	5.2.4.6
Curtailed NG-Fired Electric Gen (MW)		562	1686	927	927	1236	1517
Total Supply		2570	2570	2570	2570	2570	2570
Elec Curtailment (MWh)		2,873	12,380	1,450	5,152	150	1,636
Elec Curtailment Duration (h)		9	18	5	17	2	8
Avg Elec Curtailment (MW)		311	697	276	308	86	204
Elec Curtailment (%)		10%	19%	9%	9%	3%	7%
Elec Curtailment (# of Customers)		142,040	262,272	130,224	129,384	44,549	94,833

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low-EG Day MW	2. Example Summer High-EG Day MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
Alternate Diameter Pipeline 16"							
Alt Diameter 16" / Otay Full / L3010 80%		6.1.1.1	6.1.1.2	6.1.1.3	6.1.1.4	6.1.1.5	6.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 16" / Otay Full / L3010 Out		6.2.1.1	6.2.1.2	6.2.1.3	6.2.1.4	6.2.1.5	6.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	864	12	237	0	0
Total Supply		3132	3392	3485	3260	3806	4087
Elec Curtailment (MWh)		0	1,539	0	105	0	0
Elec Curtailment Duration (h)		0	9	0	2	0	0
Avg Elec Curtailment (MW)		0	181	0	47	0	0
Elec Curtailment (%)		0%	5%	0%	1%	0%	0%
Elec Curtailment (# of Customers)		0	68,106	0	19,607	0	0
Alt Diameter 16" / Otay Medium / L3010 80%		6.1.2.1	6.1.2.2	6.1.2.3	6.1.2.4	6.1.2.5	6.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 16" / Otay Medium / L3010 Out		6.2.2.1	6.2.2.2	6.2.2.3	6.2.2.4	6.2.2.5	6.2.2.6
Curtailed NG-Fired Electric Gen (MW)		0	1013	478	703	0	241
Total Supply		3132	3243	3019	2794	3806	3847
Elec Curtailment (MWh)		0	2,953	0	2,315	0	0
Elec Curtailment Duration (h)		0	11	0	9	0	0
Avg Elec Curtailment (MW)		0	281	0	250	0	0
Elec Curtailment (%)		0%	8%	0%	8%	0%	0%
Elec Curtailment (# of Customers)		0	105,754	0	105,273	0	0
Alt Diameter 16" / Otay Low / L3010 80%		6.1.3.1	6.1.3.2	6.1.3.3	6.1.3.4	6.1.3.5	6.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 16" / Otay Low / L3010 Out		6.2.3.1	6.2.3.2	6.2.3.3	6.2.3.4	6.2.3.5	6.2.3.6
Curtailed NG-Fired Electric Gen (MW)		38	1162	927	927	561	688
Total Supply		3094	3094	2570	2570	3245	3399
Elec Curtailment (MWh)		0	4,618	1,450	5,152	0	0
Elec Curtailment Duration (h)		0	12	5	17	0	0
Avg Elec Curtailment (MW)		0	385	276	308	0	0
Elec Curtailment (%)		0%	10%	9%	9%	0%	0%
Elec Curtailment (# of Customers)		0	144,719	130,224	129,384	0	0
Alt Diameter 16" / Otay Out / L3010 80%		6.1.4.1	6.1.4.2	6.1.4.3	6.1.4.4	6.1.4.5	6.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 16" / Otay Out / L3010 Out		6.2.4.1	6.2.4.2	6.2.4.3	6.2.4.4	6.2.4.5	6.2.4.6
Curtailed NG-Fired Electric Gen (MW)		225	1349	927	927	1236	1517
Total Supply		2907	2907	2570	2570	2570	2570
Elec Curtailment (MWh)		417	7,065	1,450	5,152	150	1,636
Elec Curtailment Duration (h)		5	15	5	17	2	8
Avg Elec Curtailment (MW)		83	487	276	308	86	204
Elec Curtailment (%)		3%	13%	9%	9%	3%	7%
Elec Curtailment (# of Customers)		38,177	183,210	130,224	129,384	44,549	94,833

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low-EG Dav MW	2. Example Summer High-EG Dav MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
Alternate Diameter Pipeline 20"							
Alt Diameter 20" / Otay Full / L3010 80%		20.1.1.1	20.1.1.2	20.1.1.3	20.1.1.4	20.1.1.5	20.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 20" / Otay Full / L3010 Out		20.2.1.1	20.2.1.2	20.2.1.3	20.2.1.4	20.2.1.5	20.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	358	0	0	0	0
Total Supply		3132	3897	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 20" / Otay Medium / L3010 80%		20.1.2.1	20.1.2.2	20.1.2.3	20.1.2.4	20.1.2.5	20.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 20" / Otay Medium / L3010 Out		20.2.2.1	20.2.2.2	20.2.2.3	20.2.2.4	20.2.2.5	20.2.2.6
Curtailed NG-Fired Electric Gen (MW)		0	507	0	197	0	0
Total Supply		3132	3749	3497	3300	3806	4087
Elec Curtailment (MWh)		0	0	0	28	0	0
Elec Curtailment Duration (h)		0	0	0	1	0	0
Avg Elec Curtailment (MW)		0	0	0	23	0	0
Elec Curtailment (%)		0%	0%	0%	1%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	9,493	0	0
Alt Diameter 20" / Otay Low / L3010 80%		20.1.3.1	20.1.3.2	20.1.3.3	20.1.3.4	20.1.3.5	20.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 20" / Otay Low / L3010 Out		20.2.3.1	20.2.3.2	20.2.3.3	20.2.3.4	20.2.3.5	20.2.3.6
Curtailed NG-Fired Electric Gen (MW)		0	656	432	657	56	182
Total Supply		3132	3600	3065	2840	3751	3905
Elec Curtailment (MWh)		0	297	0	1,906	0	0
Elec Curtailment Duration (h)		0	4	0	8	0	0
Avg Elec Curtailment (MW)		0	85	0	231	0	0
Elec Curtailment (%)		0%	2%	0%	7%	0%	0%
Elec Curtailment (# of Customers)		0	31,857	0	97,165	0	0
Alt Diameter 20" / Otay Out / L3010 80%		20.1.4.1	20.1.4.2	20.1.4.3	20.1.4.4	20.1.4.5	20.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 20" / Otay Out / L3010 Out		20.2.4.1	20.2.4.2	20.2.4.3	20.2.4.4	20.2.4.5	20.2.4.6
Curtailed NG-Fired Electric Gen (MW)		0	843	927	927	787	1124
Total Supply		3132	3413	2570	2570	3020	2963
Elec Curtailment (MWh)		0	1,363	1,450	5,152	0	49
Elec Curtailment Duration (h)		0	8	5	17	0	1
Avg Elec Curtailment (MW)		0	165	276	308	0	39
Elec Curtailment (%)		0%	4%	9%	9%	0%	1%
Elec Curtailment (# of Customers)		0	62,123	130,224	129,384	0	18,018

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low-EG Dav MW	2. Example Summer High-EG Dav MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
Alternate Diameter Pipeline 24"							
Alt Diameter 24" / Otay Full / L3010 80%		7.1.1.1	7.1.1.2	7.1.1.3	7.1.1.4	7.1.1.5	7.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 24" / Otay Full / L3010 Out		7.2.1.1	7.2.1.2	7.2.1.3	7.2.1.4	7.2.1.5	7.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 24" / Otay Medium / L3010 80%		7.1.2.1	7.1.2.2	7.1.2.3	7.1.2.4	7.1.2.5	7.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 24" / Otay Medium / L3010 Out		7.2.2.1	7.2.2.2	7.2.2.3	7.2.2.4	7.2.2.5	7.2.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 24" / Otay Low / L3010 80%		7.1.3.1	7.1.3.2	7.1.3.3	7.1.3.4	7.1.3.5	7.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 24" / Otay Low / L3010 Out		7.2.3.1	7.2.3.2	7.2.3.3	7.2.3.4	7.2.3.5	7.2.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 24" / Otay Out / L3010 80%		7.1.4.1	7.1.4.2	7.1.4.3	7.1.4.4	7.1.4.5	7.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 24" / Otay Out / L3010 Out		7.2.4.1	7.2.4.2	7.2.4.3	7.2.4.4	7.2.4.5	7.2.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	421	646	0	281
Total Supply		3132	4256	3076	2851	3806	3806
Elec Curtailment (MWh)		0	0	0	1,819	0	0
Elec Curtailment Duration (h)		0	0	0	8	0	0
Avg Elec Curtailment (MW)		0	0	0	227	0	0
Elec Curtailment (%)		0%	0%	0%	7%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	95,660	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
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Line No.

		1. Example Summer Low-EG Day MW	2. Example Summer High-EG Day MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
<i>Alternate Diameter Pipeline 30"</i>							
Alt Diameter 30" / Otay Full / L3010 80%		8.1.1.1	8.1.1.2	8.1.1.3	8.1.1.4	8.1.1.5	8.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 30" / Otay Full / L3010 Out		8.2.1.1	8.2.1.2	8.2.1.3	8.2.1.4	8.2.1.5	8.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 30" / Otay Medium / L3010 80%		8.1.2.1	8.1.2.2	8.1.2.3	8.1.2.4	8.1.2.5	8.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 30" / Otay Medium / L3010 Out		8.2.2.1	8.2.2.2	8.2.2.3	8.2.2.4	8.2.2.5	8.2.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 30" / Otay Low / L3010 80%		8.1.3.1	8.1.3.2	8.1.3.3	8.1.3.4	8.1.3.5	8.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 30" / Otay Low / L3010 Out		8.2.3.1	8.2.3.2	8.2.3.3	8.2.3.4	8.2.3.5	8.2.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 30" / Otay Out / L3010 80%		8.1.4.1	8.1.4.2	8.1.4.3	8.1.4.4	8.1.4.5	8.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Diameter 30" / Otay Out / L3010 Out		8.2.4.1	8.2.4.2	8.2.4.3	8.2.4.4	8.2.4.5	8.2.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low-EG Dav MW	2. Example Summer High-EG Dav MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
<i>Alternate Diameter Pipeline 42"</i>							
<i>Alt Diameter 42" / Otay Full / L3010 80%</i>		9.1.1.1	9.1.1.2	9.1.1.3	9.1.1.4	9.1.1.5	9.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>Alt Diameter 42" / Otay Full / L3010 Out</i>		9.2.1.1	9.2.1.2	9.2.1.3	9.2.1.4	9.2.1.5	9.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>Alt Diameter 42" / Otay Medium / L3010 80%</i>		9.1.2.1	9.1.2.2	9.1.2.3	9.1.2.4	9.1.2.5	9.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>Alt Diameter 42" / Otay Medium / L3010 Out</i>		9.2.2.1	9.2.2.2	9.2.2.3	9.2.2.4	9.2.2.5	9.2.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>Alt Diameter 42" / Otay Low / L3010 80%</i>		9.1.3.1	9.1.3.2	9.1.3.3	9.1.3.4	9.1.3.5	9.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>Alt Diameter 42" / Otay Low / L3010 Out</i>		9.2.3.1	9.2.3.2	9.2.3.3	9.2.3.4	9.2.3.5	9.2.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>Alt Diameter 42" / Otay Out / L3010 80%</i>		9.1.4.1	9.1.4.2	9.1.4.3	9.1.4.4	9.1.4.5	9.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>Alt Diameter 42" / Otay Out / L3010 Out</i>		9.2.4.1	9.2.4.2	9.2.4.3	9.2.4.4	9.2.4.5	9.2.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0.0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low-EG Dav MW	2. Example Summer High-EG Dav MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
<i>L1600 In-Kind Replacement</i>							
<i>L1600 In-Kind / Otay Full / L3010 80%</i>		<i>10.1.1.1</i>	<i>10.1.1.2</i>	<i>10.1.1.3</i>	<i>10.1.1.4</i>	<i>10.1.1.5</i>	<i>10.1.1.6</i>
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>L1600 In-Kind / Otay Full / L3010 Out</i>		<i>10.2.1.1</i>	<i>10.2.1.2</i>	<i>10.2.1.3</i>	<i>10.2.1.4</i>	<i>10.2.1.5</i>	<i>10.2.1.6</i>
Curtailed NG-Fired Electric Gen (MW)		0	864	12	237	0	0
Total Supply		3132	3392	3485	3260	3806	4087
Elec Curtailment (MWh)		0	1,539	0	105	0	0
Elec Curtailment Duration (h)		0	9	0	2	0	0
Avg Elec Curtailment (MW)		0	181	0	47	0	0
Elec Curtailment (%)		0%	5%	0%	1%	0%	0%
Elec Curtailment (# of Customers)		0	68,106	0	19,607	0	0
<i>L1600 In-Kind / Otay Medium / L3010 80%</i>		<i>10.1.2.1</i>	<i>10.1.2.2</i>	<i>10.1.2.3</i>	<i>10.1.2.4</i>	<i>10.1.2.5</i>	<i>10.1.2.6</i>
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>L1600 In-Kind / Otay Medium / L3010 Out</i>		<i>10.2.2.1</i>	<i>10.2.2.2</i>	<i>10.2.2.3</i>	<i>10.2.2.4</i>	<i>10.2.2.5</i>	<i>10.2.2.6</i>
Curtailed NG-Fired Electric Gen (MW)		0	1013	478	703	0	241
Total Supply		3132	3243	3019	2794	3806	3847
Elec Curtailment (MWh)		0	2,953	0	2,315	0	0
Elec Curtailment Duration (h)		0	11	0	9	0	0
Avg Elec Curtailment (MW)		0	281	0	250	0	0
Elec Curtailment (%)		0%	8%	0%	8%	0%	0%
Elec Curtailment (# of Customers)		0	105,754	0	105,273	0	0
<i>L1600 In-Kind / Otay Low / L3010 80%</i>		<i>10.1.3.1</i>	<i>10.1.3.2</i>	<i>10.1.3.3</i>	<i>10.1.3.4</i>	<i>10.1.3.5</i>	<i>10.1.3.6</i>
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>L1600 In-Kind / Otay Low / L3010 Out</i>		<i>10.2.3.1</i>	<i>10.2.3.2</i>	<i>10.2.3.3</i>	<i>10.2.3.4</i>	<i>10.2.3.5</i>	<i>10.2.3.6</i>
Curtailed NG-Fired Electric Gen (MW)		38	1162	927	927	561	688
Total Supply		3094	3094	2570	2570	3245	3399
Elec Curtailment (MWh)		0	4,618	1,450	5,152	0	0
Elec Curtailment Duration (h)		0	12	5	17	0	0
Avg Elec Curtailment (MW)		0	385	276	308	0	0
Elec Curtailment (%)		0%	10%	9%	9%	0%	0%
Elec Curtailment (# of Customers)		0	144,719	130,224	129,384	0	0
<i>L1600 In-Kind / Otay Out / L3010 80%</i>		<i>10.1.4.1</i>	<i>10.1.4.2</i>	<i>10.1.4.3</i>	<i>10.1.4.4</i>	<i>10.1.4.5</i>	<i>10.1.4.6</i>
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>L1600 In-Kind / Otay Out / L3010 Out</i>		<i>10.2.4.1</i>	<i>10.2.4.2</i>	<i>10.2.4.3</i>	<i>10.2.4.4</i>	<i>10.2.4.5</i>	<i>10.2.4.6</i>
Curtailed NG-Fired Electric Gen (MW)		225	1349	927	927	1236	1517
Total Supply		2907	2907	2570	2570	2570	2570
Elec Curtailment (MWh)		417	7,065	1,450	5,152	150	1,636
Elec Curtailment Duration (h)		5	15	5	17	2	8
Avg Elec Curtailment (MW)		83	487	276	308	86	204
Elec Curtailment (%)		3%	13%	9%	9%	3%	7%
Elec Curtailment (# of Customers)		38,177	183,210	130,224	129,384	44,549	94,833

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
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 PROJECT ALTERNATE
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Line No.

		1. Example Summer Low-EG Day MW	2. Example Summer High-EG Day MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
Otay Mesa Alternate							
Otay Mesa Alternate / Otay Full / L3010 80%		11.1.1.1	11.1.1.2	11.1.1.3	11.1.1.4	11.1.1.5	11.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Otay Mesa Alternate / Otay Full / L3010 Out		11.2.1.1	11.2.1.2	11.2.1.3	11.2.1.4	11.2.1.5	11.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Otay Mesa Alternate / Otay Medium / L3010 80%		11.1.2.1	11.1.2.2	11.1.2.3	11.1.2.4	11.1.2.5	11.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Otay Mesa Alternate / Otay Medium / L3010 Out		11.2.2.1	11.2.2.2	11.2.2.3	11.2.2.4	11.2.2.5	11.2.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Otay Mesa Alternate / Otay Low / L3010 80%		11.1.3.1	11.1.3.2	11.1.3.3	11.1.3.4	11.1.3.5	11.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Otay Mesa Alternate / Otay Low / L3010 Out		11.2.3.1	11.2.3.2	11.2.3.3	11.2.3.4	11.2.3.5	11.2.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Otay Mesa Alternate / Otay Out / L3010 80%		11.1.4.1	11.1.4.2	11.1.4.3	11.1.4.4	11.1.4.5	11.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Otay Mesa Alternate / Otay Out / L3010 Out		11.2.4.1	11.2.4.2	11.2.4.3	11.2.4.4	11.2.4.5	11.2.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	421	646	0	281
Total Supply		3132	4256	3076	2851	3806	3806
Elec Curtailment (MWh)		0	0	0	1,819	0	0
Elec Curtailment Duration (h)		0	0	0	8	0	0
Avg Elec Curtailment (MW)		0	0	0	227	0	0
Elec Curtailment (%)		0%	0%	0%	7%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	95,660	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
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 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low-EG Dav MW	2. Example Summer High-EG Dav MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
<i>LNG Storage Alternate</i>							
LNG Storage / Otay Full / L3010 80%		13.1.1.1	13.1.1.2	13.1.1.3	13.1.1.4	13.1.1.5	13.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
LNG Storage / Otay Full / L3010 Out		13.2.1.1	13.2.1.2	13.2.1.3	13.2.1.4	13.2.1.5	13.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
LNG Storage / Otay Medium / L3010 80%		13.1.2.1	13.1.2.2	13.1.2.3	13.1.2.4	13.1.2.5	13.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
LNG Storage / Otay Medium / L3010 Out		13.2.2.1	13.2.2.2	13.2.2.3	13.2.2.4	13.2.2.5	13.2.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
LNG Storage / Otay Low / L3010 80%		13.1.3.1	13.1.3.2	13.1.3.3	13.1.3.4	13.1.3.5	13.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
LNG Storage / Otay Low / L3010 Out		13.2.3.1	13.2.3.2	13.2.3.3	13.2.3.4	13.2.3.5	13.2.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
LNG Storage / Otay Out / L3010 80%		13.1.4.1	13.1.4.2	13.1.4.3	13.1.4.4	13.1.4.5	13.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
LNG Storage / Otay Out / L3010 Out		13.2.4.1	13.2.4.2	13.2.4.3	13.2.4.4	13.2.4.5	13.2.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low-EG Dav MW	2. Example Summer High-EG Dav MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
Alt Energy Alternate (Grid-Scale)							
Alt Energy (Grid) / Otay Full / L3010 80%		14.1.1.1	14.1.1.2	14.1.1.3	14.1.1.4	14.1.1.5	14.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		4818	5942	5183	5183	5492	5773
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Energy (Grid) / Otay Full / L3010 Out		14.2.1.1	14.2.1.2	14.2.1.3	14.2.1.4	14.2.1.5	14.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	1686	912	927	343	710
Total Supply		4818	4256	4272	4256	5149	5063
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Energy (Grid) / Otay Medium / L3010 80%		14.1.2.1	14.1.2.2	14.1.2.3	14.1.2.4	14.1.2.5	14.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		4818	5942	5183	5183	5492	5773
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Energy (Grid) / Otay Medium / L3010 Out		14.2.2.1	14.2.2.2	14.2.2.3	14.2.2.4	14.2.2.5	14.2.2.6
Curtailed NG-Fired Electric Gen (MW)		249	1686	927	927	820	1140
Total Supply		4569	4256	4256	4256	4672	4633
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Energy (Grid) / Otay Low / L3010 80%		14.1.3.1	14.1.3.2	14.1.3.3	14.1.3.4	14.1.3.5	14.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		4818	5942	5183	5183	5492	5773
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Energy (Grid) / Otay Low / L3010 Out		14.2.3.1	14.2.3.2	14.2.3.3	14.2.3.4	14.2.3.5	14.2.3.6
Curtailed NG-Fired Electric Gen (MW)		562	1686	927	927	1236	1517
Total Supply		4256	4256	4256	4256	4256	4256
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Energy (Grid) / Otay Out / L3010 80%		14.1.4.1	14.1.4.2	14.1.4.3	14.1.4.4	14.1.4.5	14.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	112	534	759	56	393
Total Supply		4818	5829	4649	4424	5436	5380
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Energy (Grid) / Otay Out / L3010 Out		14.2.4.1	14.2.4.2	14.2.4.3	14.2.4.4	14.2.4.5	14.2.4.6
Curtailed NG-Fired Electric Gen (MW)		562	1686	927	927	1236	1517
Total Supply		4256	4256	4256	4256	4256	4256
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low-EG Day MW	2. Example Summer High-EG Day MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
Alt Energy Alternate (Smaller-Scale)							
Alt Energy (Small) / Otay Full / L3010 80%		21.1.1.1	21.1.1.2	21.1.1.3	21.1.1.4	21.1.1.5	21.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		4818	5942	5183	5183	5492	5773
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Energy (Small) / Otay Full / L3010 Out		21.2.1.1	21.2.1.2	21.2.1.3	21.2.1.4	21.2.1.5	21.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	1686	912	927	343	710
Total Supply		4818	4256	4272	4256	5149	5063
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Energy (Small) / Otay Medium / L3010 80%		21.1.2.1	21.1.2.2	21.1.2.3	21.1.2.4	21.1.2.5	21.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		4818	5942	5183	5183	5492	5773
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Energy (Small) / Otay Medium / L3010 Out		21.2.2.1	21.2.2.2	21.2.2.3	21.2.2.4	21.2.2.5	21.2.2.6
Curtailed NG-Fired Electric Gen (MW)		249	1686	927	927	820	1140
Total Supply		4569	4256	4256	4256	4672	4633
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Energy (Small) / Otay Low / L3010 80%		21.1.3.1	21.1.3.2	21.1.3.3	21.1.3.4	21.1.3.5	21.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		4818	5942	5183	5183	5492	5773
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Energy (Small) / Otay Low / L3010 Out		21.2.3.1	21.2.3.2	21.2.3.3	21.2.3.4	21.2.3.5	21.2.3.6
Curtailed NG-Fired Electric Gen (MW)		562	1686	927	927	1236	1517
Total Supply		4256	4256	4256	4256	4256	4256
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Energy (Small) / Otay Out / L3010 80%		21.1.4.1	21.1.4.2	21.1.4.3	21.1.4.4	21.1.4.5	21.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	112	534	759	56	393
Total Supply		4818	5829	4649	4424	5436	5380
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Alt Energy (Small) / Otay Out / L3010 Out		21.2.4.1	21.2.4.2	21.2.4.3	21.2.4.4	21.2.4.5	21.2.4.6
Curtailed NG-Fired Electric Gen (MW)		562	1686	927	927	1236	1517
Total Supply		4256	4256	4256	4256	4256	4256
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.		1. Example Summer Low-EG Day MW	2. Example Summer High-EG Day MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
1							
2		A	B	C	D	E	F
1136							
1137							
1138							
1139							
1140							
1141							
1142							
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1197							
1198							
1199							
1200							
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1202							
1203							
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1205							
1206							
1207							
1208							
1209							

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

1			1. Example Summer Low-EG Dav MW	2. Example Summer High-EG Dav MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
2	A	B	C	D	E	F	G	H
1210	Blythe to Santee Alternate 1							
1211								
1212								
1213	Blythe to Santee 1 / Otay Full / L3010 80%		16.1.1.1	16.1.1.2	16.1.1.3	16.1.1.4	16.1.1.5	16.1.1.6
1214	Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
1215	Total Supply		3132	4256	3497	3497	3806	4087
1216	Elec Curtailment (MWh)		0	0	0	0	0	0
1217	Elec Curtailment Duration (h)		0	0	0	0	0	0
1218	Avg Elec Curtailment (MW)		0	0	0	0	0	0
1219	Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
1220	Elec Curtailment (# of Customers)		0	0	0	0	0	0
1221								
1222	Blythe to Santee 1 / Otay Full / L3010 Out		16.2.1.1	16.2.1.2	16.2.1.3	16.2.1.4	16.2.1.5	16.2.1.6
1223	Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
1224	Total Supply		3132	4256	3497	3497	3806	4087
1225	Elec Curtailment (MWh)		0	0	0	0	0	0
1226	Elec Curtailment Duration (h)		0	0	0	0	0	0
1227	Avg Elec Curtailment (MW)		0	0	0	0	0	0
1228	Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
1229	Elec Curtailment (# of Customers)		0	0	0	0	0	0
1230								
1231	Blythe to Santee 1 / Otay Medium / L3010 80%		16.1.2.1	16.1.2.2	16.1.2.3	16.1.2.4	16.1.2.5	16.1.2.6
1232	Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
1233	Total Supply		3132	4256	3497	3497	3806	4087
1234	Elec Curtailment (MWh)		0	0	0	0	0	0
1235	Elec Curtailment Duration (h)		0	0	0	0	0	0
1236	Avg Elec Curtailment (MW)		0	0	0	0	0	0
1237	Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
1238	Elec Curtailment (# of Customers)		0	0	0	0	0	0
1239								
1240	Blythe to Santee 1 / Otay Medium / L3010 Out		16.2.2.1	16.2.2.2	16.2.2.3	16.2.2.4	16.2.2.5	16.2.2.6
1241	Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
1242	Total Supply		3132	4256	3497	3497	3806	4087
1243	Elec Curtailment (MWh)		0	0	0	0	0	0
1244	Elec Curtailment Duration (h)		0	0	0	0	0	0
1245	Avg Elec Curtailment (MW)		0	0	0	0	0	0
1246	Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
1247	Elec Curtailment (# of Customers)		0	0	0	0	0	0
1248								
1249	Blythe to Santee 1 / Otay Low / L3010 80%		16.1.3.1	16.1.3.2	16.1.3.3	16.1.3.4	16.1.3.5	16.1.3.6
1250	Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
1251	Total Supply		3132	4256	3497	3497	3806	4087
1252	Elec Curtailment (MWh)		0	0	0	0	0	0
1253	Elec Curtailment Duration (h)		0	0	0	0	0	0
1254	Avg Elec Curtailment (MW)		0	0	0	0	0	0
1255	Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
1256	Elec Curtailment (# of Customers)		0	0	0	0	0	0
1257								
1258	Blythe to Santee 1 / Otay Low / L3010 Out		16.2.3.1	16.2.3.2	16.2.3.3	16.2.3.4	16.2.3.5	16.2.3.6
1259	Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
1260	Total Supply		3132	4256	3497	3497	3806	4087
1261	Elec Curtailment (MWh)		0	0	0	0	0	0
1262	Elec Curtailment Duration (h)		0	0	0	0	0	0
1263	Avg Elec Curtailment (MW)		0	0	0	0	0	0
1264	Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
1265	Elec Curtailment (# of Customers)		0	0	0	0	0	0
1266								
1267	Blythe to Santee 1 / Otay Out / L3010 80%		16.1.4.1	16.1.4.2	16.1.4.3	16.1.4.4	16.1.4.5	16.1.4.6
1268	Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
1269	Total Supply		3132	4256	3497	3497	3806	4087
1270	Elec Curtailment (MWh)		0	0	0	0	0	0
1271	Elec Curtailment Duration (h)		0	0	0	0	0	0
1272	Avg Elec Curtailment (MW)		0	0	0	0	0	0
1273	Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
1274	Elec Curtailment (# of Customers)		0	0	0	0	0	0
1275								
1276	Blythe to Santee 1 / Otay Out / L3010 Out		16.2.4.1	16.2.4.2	16.2.4.3	16.2.4.4	16.2.4.5	16.2.4.6
1277	Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
1278	Total Supply		3132	4256	3497	3497	3806	4087
1279	Elec Curtailment (MWh)		0	0	0	0	0	0
1280	Elec Curtailment Duration (h)		0	0	0	0	0	0
1281	Avg Elec Curtailment (MW)		0	0	0	0	0	0
1282	Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
1283	Elec Curtailment (# of Customers)		0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low-EG Day MW	2. Example Summer High-EG Day MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
<i>Blythe to Santee Alternate 2</i>							
<i>Blythe to Santee 2 / Otay Full / L3010 80%</i>		<i>17.1.1.1</i>	<i>17.1.1.2</i>	<i>17.1.1.3</i>	<i>17.1.1.4</i>	<i>17.1.1.5</i>	<i>17.1.1.6</i>
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>Blythe to Santee 2 / Otay Full / L3010 Out</i>		<i>17.2.1.1</i>	<i>17.2.1.2</i>	<i>17.2.1.3</i>	<i>17.2.1.4</i>	<i>17.2.1.5</i>	<i>17.2.1.6</i>
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>Blythe to Santee 2 / Otay Medium / L3010 80%</i>		<i>17.1.2.1</i>	<i>17.1.2.2</i>	<i>17.1.2.3</i>	<i>17.1.2.4</i>	<i>17.1.2.5</i>	<i>17.1.2.6</i>
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>Blythe to Santee 2 / Otay Medium / L3010 Out</i>		<i>17.2.2.1</i>	<i>17.2.2.2</i>	<i>17.2.2.3</i>	<i>17.2.2.4</i>	<i>17.2.2.5</i>	<i>17.2.2.6</i>
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>Blythe to Santee 2 / Otay Low / L3010 80%</i>		<i>17.1.3.1</i>	<i>17.1.3.2</i>	<i>17.1.3.3</i>	<i>17.1.3.4</i>	<i>17.1.3.5</i>	<i>17.1.3.6</i>
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>Blythe to Santee 2 / Otay Low / L3010 Out</i>		<i>17.2.3.1</i>	<i>17.2.3.2</i>	<i>17.2.3.3</i>	<i>17.2.3.4</i>	<i>17.2.3.5</i>	<i>17.2.3.6</i>
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>Blythe to Santee 2 / Otay Out / L3010 80%</i>		<i>17.1.4.1</i>	<i>17.1.4.2</i>	<i>17.1.4.3</i>	<i>17.1.4.4</i>	<i>17.1.4.5</i>	<i>17.1.4.6</i>
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
<i>Blythe to Santee 2 / Otay Out / L3010 Out</i>		<i>17.2.4.1</i>	<i>17.2.4.2</i>	<i>17.2.4.3</i>	<i>17.2.4.4</i>	<i>17.2.4.5</i>	<i>17.2.4.6</i>
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low-EG Dav MW	2. Example Summer High-EG Dav MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
Cactus City to San Diego Alternate							
Cactus City to SD / Otay Full / L3010 80%		18.1.1.1	18.1.1.2	18.1.1.3	18.1.1.4	18.1.1.5	18.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Cactus City to SD / Otay Full / L3010 Out		18.2.1.1	18.2.1.2	18.2.1.3	18.2.1.4	18.2.1.5	18.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Cactus City to SD / Otay Medium / L3010 80%		18.1.2.1	18.1.2.2	18.1.2.3	18.1.2.4	18.1.2.5	18.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Cactus City to SD / Otay Medium / L3010 Out		18.2.2.1	18.2.2.2	18.2.2.3	18.2.2.4	18.2.2.5	18.2.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Cactus City to SD / Otay Low / L3010 80%		18.1.3.1	18.1.3.2	18.1.3.3	18.1.3.4	18.1.3.5	18.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Cactus City to SD / Otay Low / L3010 Out		18.2.3.1	18.2.3.2	18.2.3.3	18.2.3.4	18.2.3.5	18.2.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Cactus City to SD / Otay Out / L3010 80%		18.1.4.1	18.1.4.2	18.1.4.3	18.1.4.4	18.1.4.5	18.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0
Cactus City to SD / Otay Out / L3010 Out		18.2.4.1	18.2.4.2	18.2.4.3	18.2.4.4	18.2.4.5	18.2.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply		3132	4256	3497	3497	3806	4087
Elec Curtailment (MWh)		0	0	0	0	0	0
Elec Curtailment Duration (h)		0	0	0	0	0	0
Avg Elec Curtailment (MW)		0	0	0	0	0	0
Elec Curtailment (%)		0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)		0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND SUPPLY (SA 1.2)
 EXAMPLE DAY OF ELECTRIC DEMAND AND SUPPLY DURING SEASONAL VARIATIONS FOR ANALYSIS OF CURTAILMENT AND METERS AFFECTED FOR EACH
 PROJECT ALTERNATE
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

		1. Example Summer Low-EG Day MW	2. Example Summer High-EG Day MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
A	B	C	D	E	F	G	H
<u>Second Pipeline Along L3010 Alternate</u>							
Second Pipeline Along L3010 / Otay Full / L3010 80%		19.1.1.1	19.1.1.2	19.1.1.3	19.1.1.4	19.1.1.5	19.1.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply	3132	4256	3497	3497	3806	4087	
Elec Curtailment (MWh)	0	0	0	0	0	0	0
Elec Curtailment Duration (h)	0	0	0	0	0	0	0
Avg Elec Curtailment (MW)	0	0	0	0	0	0	0
Elec Curtailment (%)	0%	0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)	0	0	0	0	0	0	0
Second Pipeline Along L3010 / Otay Full / L3010 Out		19.2.1.1	19.2.1.2	19.2.1.3	19.2.1.4	19.2.1.5	19.2.1.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply	3132	4256	3497	3497	3806	4087	
Elec Curtailment (MWh)	0	0	0	0	0	0	0
Elec Curtailment Duration (h)	0	0	0	0	0	0	0
Avg Elec Curtailment (MW)	0	0	0	0	0	0	0
Elec Curtailment (%)	0%	0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)	0	0	0	0	0	0	0
Second Pipeline Along L3010 / Otay Medium / L3010 80%		19.1.2.1	19.1.2.2	19.1.2.3	19.1.2.4	19.1.2.5	19.1.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply	3132	4256	3497	3497	3806	4087	
Elec Curtailment (MWh)	0	0	0	0	0	0	0
Elec Curtailment Duration (h)	0	0	0	0	0	0	0
Avg Elec Curtailment (MW)	0	0	0	0	0	0	0
Elec Curtailment (%)	0%	0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)	0	0	0	0	0	0	0
Second Pipeline Along L3010 / Otay Medium / L3010 Out		19.2.2.1	19.2.2.2	19.2.2.3	19.2.2.4	19.2.2.5	19.2.2.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply	3132	4256	3497	3497	3806	4087	
Elec Curtailment (MWh)	0	0	0	0	0	0	0
Elec Curtailment Duration (h)	0	0	0	0	0	0	0
Avg Elec Curtailment (MW)	0	0	0	0	0	0	0
Elec Curtailment (%)	0%	0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)	0	0	0	0	0	0	0
Second Pipeline Along L3010 / Otay Low / L3010 80%		19.1.3.1	19.1.3.2	19.1.3.3	19.1.3.4	19.1.3.5	19.1.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply	3132	4256	3497	3497	3806	4087	
Elec Curtailment (MWh)	0	0	0	0	0	0	0
Elec Curtailment Duration (h)	0	0	0	0	0	0	0
Avg Elec Curtailment (MW)	0	0	0	0	0	0	0
Elec Curtailment (%)	0%	0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)	0	0	0	0	0	0	0
Second Pipeline Along L3010 / Otay Low / L3010 Out		19.2.3.1	19.2.3.2	19.2.3.3	19.2.3.4	19.2.3.5	19.2.3.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply	3132	4256	3497	3497	3806	4087	
Elec Curtailment (MWh)	0	0	0	0	0	0	0
Elec Curtailment Duration (h)	0	0	0	0	0	0	0
Avg Elec Curtailment (MW)	0	0	0	0	0	0	0
Elec Curtailment (%)	0%	0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)	0	0	0	0	0	0	0
Second Pipeline Along L3010 / Otay Out / L3010 80%		19.1.4.1	19.1.4.2	19.1.4.3	19.1.4.4	19.1.4.5	19.1.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply	3132	4256	3497	3497	3806	4087	
Elec Curtailment (MWh)	0	0	0	0	0	0	0
Elec Curtailment Duration (h)	0	0	0	0	0	0	0
Avg Elec Curtailment (MW)	0	0	0	0	0	0	0
Elec Curtailment (%)	0%	0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)	0	0	0	0	0	0	0
Second Pipeline Along L3010 / Otay Out / L3010 Out		19.2.4.1	19.2.4.2	19.2.4.3	19.2.4.4	19.2.4.5	19.2.4.6
Curtailed NG-Fired Electric Gen (MW)		0	0	0	0	0	0
Total Supply	3132	4256	3497	3497	3806	4087	
Elec Curtailment (MWh)	0	0	0	0	0	0	0
Elec Curtailment Duration (h)	0	0	0	0	0	0	0
Avg Elec Curtailment (MW)	0	0	0	0	0	0	0
Elec Curtailment (%)	0%	0%	0%	0%	0%	0%	0%
Elec Curtailment (# of Customers)	0	0	0	0	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND OUTPUTS (SA 1.3)
 EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.	1. Example Summer Low-EG Day MW			2. Example Summer High-EG Day MW			3. Example Winter Day MW			4. Winter 1-in-10 Year Day MW			5. Example Spring Day MW			6. Example Fall Day MW		
1																		
2																		
3	L1600 / Otay Full / L3010 80%	1.1.1.1		1.1.1.2		1.1.1.3		1.1.1.4		1.1.1.5		1.1.1.6						
4		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
5		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0					
6		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
106	L1600 / Otay Full / L3010 Out	1.2.1.1		1.2.1.2		1.2.1.3		1.2.1.4		1.2.1.5		1.2.1.6						
107		Available Supply (MW)	3,132	Available Supply (MW)	3,335	Available Supply (MW)	3,429	Available Supply (MW)	3,204	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
108		Curtailment (MWh)	0	Curtailment (MWh)	2,043	Curtailment (MWh)	0	Curtailment (MWh)	249	Curtailment (MWh)	0	Curtailment (MWh)	0					
109		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	9.25	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	3.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
209	L1600 / Otay Medium / L3010 80%	1.1.2.1		1.1.2.2		1.1.2.3		1.1.2.4		1.1.2.5		1.1.2.6						
210		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
211		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0					
212		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
312	L1600 / Otay Medium / L3010 Out	1.2.2.1		1.2.2.2		1.2.2.3		1.2.2.4		1.2.2.5		1.2.2.6						
313		Available Supply (MW)	3,132	Available Supply (MW)	3,187	Available Supply (MW)	2,963	Available Supply (MW)	2,738	Available Supply (MW)	3,806	Available Supply (MW)	3,790					
314		Curtailment (MWh)	0	Curtailment (MWh)	3,554	Curtailment (MWh)	1	Curtailment (MWh)	2,886	Curtailment (MWh)	0	Curtailment (MWh)	0					
315		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	11.00	Total # Hours w/ Outages	0.25	Total # Hours w/ Outages	10.75	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
415	L1600 / Otay Low / L3010 80%	1.1.3.1		1.1.3.2		1.1.3.3		1.1.3.4		1.1.3.5		1.1.3.6						
416		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
417		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0					
418		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
518	L1600 / Otay Low / L3010 Out	1.2.3.1		1.2.3.2		1.2.3.3		1.2.3.4		1.2.3.5		1.2.3.6						
519		Available Supply (MW)	3,038	Available Supply (MW)	3,038	Available Supply (MW)	2,570	Available Supply (MW)	2,570	Available Supply (MW)	3,189	Available Supply (MW)	3,343					
520		Curtailment (MWh)	12	Curtailment (MWh)	5,303	Curtailment (MWh)	1,450	Curtailment (MWh)	5,152	Curtailment (MWh)	0	Curtailment (MWh)	0					
521		Total # Hours w/ Outages	0.50	Total # Hours w/ Outages	12.50	Total # Hours w/ Outages	5.25	Total # Hours w/ Outages	16.75	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
621	L1600 / Otay Out / L3010 80%	1.1.4.1		1.1.4.2		1.1.4.3		1.1.4.4		1.1.4.5		1.1.4.6						
622		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
623		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0					
624		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
724	L1600 / Otay Out / L3010 Out	1.2.4.1		1.2.4.2		1.2.4.3		1.2.4.4		1.2.4.5		1.2.4.6						
725		Available Supply (MW)	2,851	Available Supply (MW)	2,851	Available Supply (MW)	2,570	Available Supply (MW)	2,570	Available Supply (MW)	2,570	Available Supply (MW)	2,570					
726		Curtailment (MWh)	720	Curtailment (MWh)	7,881	Curtailment (MWh)	1,450	Curtailment (MWh)	5,152	Curtailment (MWh)	150	Curtailment (MWh)	1,636					
727		Total # Hours w/ Outages	6.00	Total # Hours w/ Outages	14.75	Total # Hours w/ Outages	5.25	Total # Hours w/ Outages	16.75	Total # Hours w/ Outages	1.75	Total # Hours w/ Outages	8.00					
827	L3602 / Otay Full / L3010 80%	2.1.1.1		2.1.1.2		2.1.1.3		2.1.1.4		2.1.1.5		2.1.1.6						
828		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
829		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0					
830		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
930	L3602 / Otay Full / L3010 Out	2.2.1.1		2.2.1.2		2.2.1.3		2.2.1.4		2.2.1.5		2.2.1.6						
931		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
932		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0					
933		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
1033	L3602 / Otay Medium / L3010 80%	2.1.2.1		2.1.2.2		2.1.2.3		2.1.2.4		2.1.2.5		2.1.2.6						

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND OUTPUTS (SA 1.3)
 EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.		1. Example Summer Low-EG Day MW		2. Example Summer High-EG Day MW		3. Example Winter Day MW		4. Winter 1-in-10 Year Day MW		5. Example Spring Day MW		6. Example Fall Day MW	
1													
1034		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
1035		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
1036		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
1136	L3602 / Otay Medium / L3010 Out	2.2.2.1		2.2.2.2		2.2.2.3		2.2.2.4		2.2.2.5		2.2.2.6	
1137		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
1138		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
1139		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
1239	L3602 / Otay Low / L3010 80%	2.1.3.1		2.1.3.2		2.1.3.3		2.1.3.4		2.1.3.5		2.1.3.6	
1240		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
1241		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
1242		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
1342	L3602 / Otay Low / L3010 Out	2.2.3.1		2.2.3.2		2.2.3.3		2.2.3.4		2.2.3.5		2.2.3.6	
1343		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
1344		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
1345		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
1445	L3602 / Otay Out / L3010 80%	2.1.4.1		2.1.4.2		2.1.4.3		2.1.4.4		2.1.4.5		2.1.4.6	
1446		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
1447		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
1448		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
1548	L3602 / Otay Out / L3010 Out	2.2.4.1		2.2.4.2		2.2.4.3		2.2.4.4		2.2.4.5		2.2.4.6	
1549		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
1550		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
1651	Hydrotesting / Otay Full / L3010 80%	3.1.1.1		3.1.1.2		3.1.1.3		3.1.1.4		3.1.1.5		3.1.1.6	
1652		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
1653		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
1654		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
1754	Hydrotesting / Otay Full / L3010 Out	3.2.1.1		3.2.1.2		3.2.1.3		3.2.1.4		3.2.1.5		3.2.1.6	
1755		Available Supply (MW)	3,132	Available Supply (MW)	2,570	Available Supply (MW)	2,586	Available Supply (MW)	2,570	Available Supply (MW)	3,463	Available Supply (MW)	3,377
1756		Curtailment (MWh)	0	Curtailment (MWh)	12,380	Curtailment (MWh)	1,368	Curtailment (MWh)	5,152	Curtailment (MWh)	0	Curtailment (MWh)	0
1757		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	17.75	Total # Hours w/ Outages	5.25	Total # Hours w/ Outages	16.75	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
1857	Hydrotesting / Otay Medium / L3010 80%	3.1.2.1		3.1.2.2		3.1.2.3		3.1.2.4		3.1.2.5		3.1.2.6	
1858		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
1859		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
1860		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
1960	Hydrotesting / Otay Medium / L3010 Out	3.2.2.1		3.2.2.2		3.2.2.3		3.2.2.4		3.2.2.5		3.2.2.6	
1961		Available Supply (MW)	2,883	Available Supply (MW)	2,570	Available Supply (MW)	2,570	Available Supply (MW)	2,570	Available Supply (MW)	2,987	Available Supply (MW)	2,947
1962		Curtailment (MWh)	542	Curtailment (MWh)	12,380	Curtailment (MWh)	1,450	Curtailment (MWh)	5,152	Curtailment (MWh)	0	Curtailment (MWh)	70
1963		Total # Hours w/ Outages	5.25	Total # Hours w/ Outages	17.75	Total # Hours w/ Outages	5.25	Total # Hours w/ Outages	16.75	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	1.50
2063	Hydrotesting / Otay Low / L3010 80%	3.1.3.1		3.1.3.2		3.1.3.3		3.1.3.4		3.1.3.5		3.1.3.6	
2064		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
2065		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
2066		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00

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 EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.		1. Example Summer Low-EG Day MW	2. Example Summer High-EG Day MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
1							
2166	Hydrotesting / Otay Low / L3010 Out	3.2.3.1	3.2.3.2	3.2.3.3	3.2.3.4	3.2.3.5	3.2.3.6
2167		Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,570
2168		Curtailment (MWh) 2,873	Curtailment (MWh) 12,380	Curtailment (MWh) 1,450	Curtailment (MWh) 5,152	Curtailment (MWh) 150	Curtailment (MWh) 1,636
2169		Total # Hours w/ Outages 9.25	Total # Hours w/ Outages 17.75	Total # Hours w/ Outages 5.25	Total # Hours w/ Outages 16.75	Total # Hours w/ Outages 1.75	Total # Hours w/ Outages 8.00
2269	Hydrotesting / Otay Out / L3010 80%	3.1.4.1	3.1.4.2	3.1.4.3	3.1.4.4	3.1.4.5	3.1.4.6
2270		Available Supply (MW) 3,132	Available Supply (MW) 4,143	Available Supply (MW) 2,963	Available Supply (MW) 2,739	Available Supply (MW) 3,750	Available Supply (MW) 3,694
2271		Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 1	Curtailment (MWh) 2,881	Curtailment (MWh) 0	Curtailment (MWh) 0
2272		Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.25	Total # Hours w/ Outages 10.75	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00
2372	Hydrotesting / Otay Out / L3010 Out	3.2.4.1	3.2.4.2	3.2.4.3	3.2.4.4	3.2.4.5	3.2.4.6
2373		Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,570
2374		Curtailment (MWh) 2,873	Curtailment (MWh) 12,380	Curtailment (MWh) 1,450	Curtailment (MWh) 5,152	Curtailment (MWh) 150	Curtailment (MWh) 1,636
2475	Alt Diameter 10" / Otay Full / L3010 80%	4.1.1.1	4.1.1.2	4.1.1.3	4.1.1.4	4.1.1.5	4.1.1.6
2476		Available Supply (MW) 3,132	Available Supply (MW) 4,256	Available Supply (MW) 3,497	Available Supply (MW) 3,497	Available Supply (MW) 3,806	Available Supply (MW) 4,087
2477		Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 0
2478		Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00
2578	Alt Diameter 10" / Otay Full / L3010 Out	4.2.1.1	4.2.1.2	4.2.1.3	4.2.1.4	4.2.1.5	4.2.1.6
2579		Available Supply (MW) 3,132	Available Supply (MW) 2,773	Available Supply (MW) 2,867	Available Supply (MW) 2,642	Available Supply (MW) 3,744	Available Supply (MW) 3,658
2580		Curtailment (MWh) 0	Curtailment (MWh) 9,051	Curtailment (MWh) 172	Curtailment (MWh) 4,053	Curtailment (MWh) 0	Curtailment (MWh) 0
2581		Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 15.50	Total # Hours w/ Outages 2.75	Total # Hours w/ Outages 13.50	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00
2681	Alt Diameter 10" / Otay Medium / L3010 80%	4.1.2.1	4.1.2.2	4.1.2.3	4.1.2.4	4.1.2.5	4.1.2.6
2682		Available Supply (MW) 3,132	Available Supply (MW) 4,256	Available Supply (MW) 3,497	Available Supply (MW) 3,497	Available Supply (MW) 3,806	Available Supply (MW) 4,087
2683		Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 0
2684		Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00
2784	Alt Diameter 10" / Otay Medium / L3010 Out	4.2.2.1	4.2.2.2	4.2.2.3	4.2.2.4	4.2.2.5	4.2.2.6
2785		Available Supply (MW) 3,132	Available Supply (MW) 2,625	Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 3,268	Available Supply (MW) 3,228
2786		Curtailment (MWh) 0	Curtailment (MWh) 11,438	Curtailment (MWh) 1,450	Curtailment (MWh) 5,152	Curtailment (MWh) 0	Curtailment (MWh) 0
2787		Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 16.75	Total # Hours w/ Outages 5.25	Total # Hours w/ Outages 16.75	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00
2887	Alt Diameter 10" / Otay Low / L3010 80%	4.1.3.1	4.1.3.2	4.1.3.3	4.1.3.4	4.1.3.5	4.1.3.6
2888		Available Supply (MW) 3,132	Available Supply (MW) 4,256	Available Supply (MW) 3,497	Available Supply (MW) 3,497	Available Supply (MW) 3,806	Available Supply (MW) 4,087
2889		Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 0
2890		Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00
2990	Alt Diameter 10" / Otay Low / L3010 Out	4.2.3.1	4.2.3.2	4.2.3.3	4.2.3.4	4.2.3.5	4.2.3.6
2991		Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,627	Available Supply (MW) 2,781
2992		Curtailment (MWh) 2,873	Curtailment (MWh) 12,380	Curtailment (MWh) 1,450	Curtailment (MWh) 5,152	Curtailment (MWh) 58	Curtailment (MWh) 473
2993		Total # Hours w/ Outages 9.25	Total # Hours w/ Outages 17.75	Total # Hours w/ Outages 5.25	Total # Hours w/ Outages 16.75	Total # Hours w/ Outages 1.50	Total # Hours w/ Outages 3.25
3093	Alt Diameter 10" / Otay Out / L3010 80%	4.1.4.1	4.1.4.2	4.1.4.3	4.1.4.4	4.1.4.5	4.1.4.6
3094		Available Supply (MW) 3,132	Available Supply (MW) 4,256	Available Supply (MW) 3,244	Available Supply (MW) 3,020	Available Supply (MW) 3,806	Available Supply (MW) 3,975
3095		Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 0	Curtailment (MWh) 912	Curtailment (MWh) 0	Curtailment (MWh) 0
3096		Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 4.25	Total # Hours w/ Outages 0.00	Total # Hours w/ Outages 0.00
3196	Alt Diameter 10" / Otay Out / L3010 Out	4.2.4.1	4.2.4.2	4.2.4.3	4.2.4.4	4.2.4.5	4.2.4.6
3197		Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,570	Available Supply (MW) 2,570

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND OUTPUTS (SA 1.3)
 EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.		1. Example Summer Low-EG Day MW		2. Example Summer High-EG Day MW		3. Example Winter Day MW		4. Winter 1-in-10 Year Day MW		5. Example Spring Day MW		6. Example Fall Day MW	
1													
3198		Curtailment (MWh)	2,873	Curtailment (MWh)	12,380	Curtailment (MWh)	1,450	Curtailment (MWh)	5,152	Curtailment (MWh)	150	Curtailment (MWh)	1,636
3299	Alt Diameter 12" / Otay Full / L3010 80%	5.1.1.1		5.1.1.2		5.1.1.3		5.1.1.4		5.1.1.5		5.1.1.6	
3300		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
3301		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
3302		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
3402	Alt Diameter 12" / Otay Full / L3010 Out	5.2.1.1		5.2.1.2		5.2.1.3		5.2.1.4		5.2.1.5		5.2.1.6	
3403		Available Supply (MW)	3,132	Available Supply (MW)	2,886	Available Supply (MW)	2,979	Available Supply (MW)	2,754	Available Supply (MW)	3,806	Available Supply (MW)	3,771
3404		Curtailment (MWh)	0	Curtailment (MWh)	7,374	Curtailment (MWh)	0	Curtailment (MWh)	2,716	Curtailment (MWh)	0	Curtailment (MWh)	0
3405		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	14.50	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	10.50	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
3505	Alt Diameter 12" / Otay Medium / L3010 80%	5.1.2.1		5.1.2.2		5.1.2.3		5.1.2.4		5.1.2.5		5.1.2.6	
3506		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
3507		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
3508		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
3608	Alt Diameter 12" / Otay Medium / L3010 Out	5.2.2.1		5.2.2.2		5.2.2.3		5.2.2.4		5.2.2.5		5.2.2.6	
3609		Available Supply (MW)	3,132	Available Supply (MW)	2,737	Available Supply (MW)	2,570	Available Supply (MW)	2,570	Available Supply (MW)	3,380	Available Supply (MW)	3,341
3610		Curtailment (MWh)	0	Curtailment (MWh)	9,618	Curtailment (MWh)	1,450	Curtailment (MWh)	5,152	Curtailment (MWh)	0	Curtailment (MWh)	0
3611		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	16.00	Total # Hours w/ Outages	5.25	Total # Hours w/ Outages	16.75	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
3711	Alt Diameter 12" / Otay Low / L3010 80%	5.1.3.1		5.1.3.2		5.1.3.3		5.1.3.4		5.1.3.5		5.1.3.6	
3712		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
3713		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
3714		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
3814	Alt Diameter 12" / Otay Low / L3010 Out	5.2.3.1		5.2.3.2		5.2.3.3		5.2.3.4		5.2.3.5		5.2.3.6	
3815		Available Supply (MW)	2,589	Available Supply (MW)	2,589	Available Supply (MW)	2,570	Available Supply (MW)	2,570	Available Supply (MW)	2,739	Available Supply (MW)	2,893
3816		Curtailment (MWh)	2,701	Curtailment (MWh)	12,054	Curtailment (MWh)	1,450	Curtailment (MWh)	5,152	Curtailment (MWh)	0	Curtailment (MWh)	170
3817		Total # Hours w/ Outages	9.25	Total # Hours w/ Outages	17.50	Total # Hours w/ Outages	5.25	Total # Hours w/ Outages	16.75	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	2.25
3917	Alt Diameter 12" / Otay Out / L3010 80%	5.1.4.1		5.1.4.2		5.1.4.3		5.1.4.4		5.1.4.5		5.1.4.6	
3918		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,357	Available Supply (MW)	3,132	Available Supply (MW)	3,806	Available Supply (MW)	4,087
3919		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	486	Curtailment (MWh)	0	Curtailment (MWh)	0
3920		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	3.50	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
4020	Alt Diameter 12" / Otay Out / L3010 Out	5.2.4.1		5.2.4.2		5.2.4.3		5.2.4.4		5.2.4.5		5.2.4.6	
4021		Available Supply (MW)	2,570	Available Supply (MW)	2,570	Available Supply (MW)	2,570	Available Supply (MW)	2,570	Available Supply (MW)	2,570	Available Supply (MW)	2,570
4022		Curtailment (MWh)	2,873	Curtailment (MWh)	12,380	Curtailment (MWh)	1,450	Curtailment (MWh)	5,152	Curtailment (MWh)	150	Curtailment (MWh)	1,636
4123	Alt Diameter 16" / Otay Full / L3010 80%	6.1.1.1		6.1.1.2		6.1.1.3		6.1.1.4		6.1.1.5		6.1.1.6	
4124		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
4125		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
4126		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
4226	Alt Diameter 16" / Otay Full / L3010 Out	6.2.1.1		6.2.1.2		6.2.1.3		6.2.1.4		6.2.1.5		6.2.1.6	
4227		Available Supply (MW)	3,132	Available Supply (MW)	3,392	Available Supply (MW)	3,485	Available Supply (MW)	3,260	Available Supply (MW)	3,806	Available Supply (MW)	4,087
4228		Curtailment (MWh)	0	Curtailment (MWh)	1,539	Curtailment (MWh)	0	Curtailment (MWh)	105	Curtailment (MWh)	0	Curtailment (MWh)	0
4229		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	8.50	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	2.25	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
4329	Alt Diameter 16" / Otay Medium / L3010 80%	6.1.2.1		6.1.2.2		6.1.2.3		6.1.2.4		6.1.2.5		6.1.2.6	

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND OUTPUTS (SA 1.3)
 EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.	1. Example Summer Low-EG Day MW			2. Example Summer High-EG Day MW			3. Example Winter Day MW			4. Winter 1-in-10 Year Day MW			5. Example Spring Day MW			6. Example Fall Day MW		
1																		
4330	Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806		Available Supply (MW)	4,087	
4331	Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0	
4332	Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
4432	Alt Diameter 16" / Otay Medium / L3010 Out			6.2.2.1			6.2.2.2			6.2.2.3			6.2.2.4			6.2.2.5		
4433	Available Supply (MW)	3,132		Available Supply (MW)	3,243		Available Supply (MW)	3,019		Available Supply (MW)	2,794		Available Supply (MW)	3,806		Available Supply (MW)	3,847	
4434	Curtailment (MWh)	0		Curtailment (MWh)	2,953		Curtailment (MWh)	0		Curtailment (MWh)	2,315		Curtailment (MWh)	0		Curtailment (MWh)	0	
4435	Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	10.50		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	9.25		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
4535	Alt Diameter 16" / Otay Low / L3010 80%			6.1.3.1			6.1.3.2			6.1.3.3			6.1.3.4			6.1.3.5		
4536	Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806		Available Supply (MW)	4,087	
4537	Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0	
4538	Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
4638	Alt Diameter 16" / Otay Low / L3010 Out			6.2.3.1			6.2.3.2			6.2.3.3			6.2.3.4			6.2.3.5		
4639	Available Supply (MW)	3,094		Available Supply (MW)	3,094		Available Supply (MW)	2,570		Available Supply (MW)	2,570		Available Supply (MW)	3,245		Available Supply (MW)	3,399	
4640	Curtailment (MWh)	0		Curtailment (MWh)	4,618		Curtailment (MWh)	1,450		Curtailment (MWh)	5,152		Curtailment (MWh)	0		Curtailment (MWh)	0	
4641	Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	12.00		Total # Hours w/ Outages	5.25		Total # Hours w/ Outages	16.75		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
4741	Alt Diameter 16" / Otay Out / L3010 80%			6.1.4.1			6.1.4.2			6.1.4.3			6.1.4.4			6.1.4.5		
4742	Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806		Available Supply (MW)	4,087	
4743	Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0	
4744	Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
4844	Alt Diameter 16" / Otay Out / L3010 Out			6.2.4.1			6.2.4.2			6.2.4.3			6.2.4.4			6.2.4.5		
4845	Available Supply (MW)	2,907		Available Supply (MW)	2,907		Available Supply (MW)	2,570		Available Supply (MW)	2,570		Available Supply (MW)	2,570		Available Supply (MW)	2,570	
4846	Curtailment (MWh)	417		Curtailment (MWh)	7,065		Curtailment (MWh)	1,450		Curtailment (MWh)	5,152		Curtailment (MWh)	150		Curtailment (MWh)	1,636	
4947	Alt Diameter 20" / Otay Full / L3010 80%			20.1.1.1			20.1.1.2			20.1.1.3			20.1.1.4			20.1.1.5		
4948	Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806		Available Supply (MW)	4,087	
4949	Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0	
4950	Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
5050	Alt Diameter 20" / Otay Full / L3010 Out			20.2.1.1			20.2.1.2			20.2.1.3			20.2.1.4			20.2.1.5		
5051	Available Supply (MW)	3,132		Available Supply (MW)	3,897		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806		Available Supply (MW)	4,087	
5052	Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0	
5053	Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
5153	Alt Diameter 20" / Otay Medium / L3010 80%			20.1.2.1			20.1.2.2			20.1.2.3			20.1.2.4			20.1.2.5		
5154	Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806		Available Supply (MW)	4,087	
5155	Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0	
5156	Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
5256	Alt Diameter 20" / Otay Medium / L3010 Out			20.2.2.1			20.2.2.2			20.2.2.3			20.2.2.4			20.2.2.5		
5257	Available Supply (MW)	3,132		Available Supply (MW)	3,749		Available Supply (MW)	3,497		Available Supply (MW)	3,300		Available Supply (MW)	3,806		Available Supply (MW)	4,087	
5258	Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	28		Curtailment (MWh)	0		Curtailment (MWh)	0	
5259	Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	1.25		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
5359	Alt Diameter 20" / Otay Low / L3010 80%			20.1.3.1			20.1.3.2			20.1.3.3			20.1.3.4			20.1.3.5		
5360	Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806		Available Supply (MW)	4,087	
5361	Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0		Curtailment (MWh)	0	
5362	Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	

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 EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.	1. Example Summer Low-EG Day MW			2. Example Summer High-EG Day MW			3. Example Winter Day MW			4. Winter 1-in-10 Year Day MW			5. Example Spring Day MW			6. Example Fall Day MW		
1																		
5462	Alt Diameter 20" / Otay Low / L3010 Out			20.2.3.1			20.2.3.2			20.2.3.3			20.2.3.4			20.2.3.5		
5463				Available Supply (MW)	3,132		Available Supply (MW)	3,600		Available Supply (MW)	3,065		Available Supply (MW)	2,840		Available Supply (MW)	3,751	
5464				Curtaiment (MWh)	0		Curtaiment (MWh)	297		Curtaiment (MWh)	0		Curtaiment (MWh)	1,906		Curtaiment (MWh)	0	
5465				Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	3.50		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	8.25		Total # Hours w/ Outages	0.00	
5565	Alt Diameter 20" / Otay Out / L3010 80%			20.1.4.1			20.1.4.2			20.1.4.3			20.1.4.4			20.1.4.5		
5566				Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806	
5567				Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0	
5568				Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
5668	Alt Diameter 20" / Otay Out / L3010 Out			20.2.4.1			20.2.4.2			20.2.4.3			20.2.4.4			20.2.4.5		
5669				Available Supply (MW)	3,132		Available Supply (MW)	3,413		Available Supply (MW)	2,570		Available Supply (MW)	2,570		Available Supply (MW)	3,020	
5670				Curtaiment (MWh)	0		Curtaiment (MWh)	1,363		Curtaiment (MWh)	1,450		Curtaiment (MWh)	5,152		Curtaiment (MWh)	0	
5771	Alt Diameter 24" / Otay Full / L3010 80%			7.1.1.1			7.1.1.2			7.1.1.3			7.1.1.4			7.1.1.5		
5772				Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806	
5773				Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0	
5774				Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
5874	Alt Diameter 24" / Otay Full / L3010 Out			7.2.1.1			7.2.1.2			7.2.1.3			7.2.1.4			7.2.1.5		
5875				Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806	
5876				Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0	
5877				Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
5977	Alt Diameter 24" / Otay Medium / L3010 80%			7.1.2.1			7.1.2.2			7.1.2.3			7.1.2.4			7.1.2.5		
5978				Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806	
5979				Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0	
5980				Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
6080	Alt Diameter 24" / Otay Medium / L3010 Out			7.2.2.1			7.2.2.2			7.2.2.3			7.2.2.4			7.2.2.5		
6081				Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806	
6082				Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0	
6083				Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
6183	Alt Diameter 24" / Otay Low / L3010 80%			7.1.3.1			7.1.3.2			7.1.3.3			7.1.3.4			7.1.3.5		
6184				Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806	
6185				Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0	
6186				Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
6286	Alt Diameter 24" / Otay Low / L3010 Out			7.2.3.1			7.2.3.2			7.2.3.3			7.2.3.4			7.2.3.5		
6287				Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806	
6288				Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0	
6289				Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
6389	Alt Diameter 24" / Otay Out / L3010 80%			7.1.4.1			7.1.4.2			7.1.4.3			7.1.4.4			7.1.4.5		
6390				Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,497		Available Supply (MW)	3,497		Available Supply (MW)	3,806	
6391				Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0		Curtaiment (MWh)	0	
6392				Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00		Total # Hours w/ Outages	0.00	
6492	Alt Diameter 24" / Otay Out / L3010 Out			7.2.4.1			7.2.4.2			7.2.4.3			7.2.4.4			7.2.4.5		
6493				Available Supply (MW)	3,132		Available Supply (MW)	4,256		Available Supply (MW)	3,076		Available Supply (MW)	2,851		Available Supply (MW)	3,806	

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND OUTPUTS (SA 1.3)
 EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.		1. Example Summer Low-EG Day MW		2. Example Summer High-EG Day MW		3. Example Winter Day MW		4. Winter 1-in-10 Year Day MW		5. Example Spring Day MW		6. Example Fall Day MW	
1													
6494		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	1,819	Curtailment (MWh)	0	Curtailment (MWh)	0
6595	Alt Diameter 30" / Otay Full / L3010 80%	8.1.1.1		8.1.1.2		8.1.1.3		8.1.1.4		8.1.1.5		8.1.1.6	
6596		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
6597		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
6598		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
6698	Alt Diameter 30" / Otay Full / L3010 Out	8.2.1.1		8.2.1.2		8.2.1.3		8.2.1.4		8.2.1.5		8.2.1.6	
6699		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
6700		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
6701		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
6801	Alt Diameter 30" / Otay Medium / L3010 80%	8.1.2.1		8.1.2.2		8.1.2.3		8.1.2.4		8.1.2.5		8.1.2.6	
6802		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
6803		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
6804		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
6904	Alt Diameter 30" / Otay Medium / L3010 Out	8.2.2.1		8.2.2.2		8.2.2.3		8.2.2.4		8.2.2.5		8.2.2.6	
6905		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
6906		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
6907		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
7007	Alt Diameter 30" / Otay Low / L3010 80%	8.1.3.1		8.1.3.2		8.1.3.3		8.1.3.4		8.1.3.5		8.1.3.6	
7008		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
7009		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
7010		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
7110	Alt Diameter 30" / Otay Low / L3010 Out	8.2.3.1		8.2.3.2		8.2.3.3		8.2.3.4		8.2.3.5		8.2.3.6	
7111		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
7112		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
7113		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
7213	Alt Diameter 30" / Otay Out / L3010 80%	8.1.4.1		8.1.4.2		8.1.4.3		8.1.4.4		8.1.4.5		8.1.4.6	
7214		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
7215		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
7216		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
7316	Alt Diameter 30" / Otay Out / L3010 Out	8.2.4.1		8.2.4.2		8.2.4.3		8.2.4.4		8.2.4.5		8.2.4.6	
7317		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
7318		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
7419	Alt Diameter 42" / Otay Full / L3010 80%	9.1.1.1		9.1.1.2		9.1.1.3		9.1.1.4		9.1.1.5		9.1.1.6	
7420		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
7421		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
7422		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
7522	Alt Diameter 42" / Otay Full / L3010 Out	9.2.1.1		9.2.1.2		9.2.1.3		9.2.1.4		9.2.1.5		9.2.1.6	
7523		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
7524		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
7525		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
7625	Alt Diameter 42" / Otay Medium / L3010 80%	9.1.2.1		9.1.2.2		9.1.2.3		9.1.2.4		9.1.2.5		9.1.2.6	

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 EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.		1. Example Summer Low-EG Day MW		2. Example Summer High-EG Day MW		3. Example Winter Day MW		4. Winter 1-in-10 Year Day MW		5. Example Spring Day MW		6. Example Fall Day MW	
1													
7626		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
7627		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
7628		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
7728	Alt Diameter 42" / Otay Medium / L3010 Out	9.2.2.1		9.2.2.2		9.2.2.3		9.2.2.4		9.2.2.5		9.2.2.6	
7729		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
7730		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
7731		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
7831	Alt Diameter 42" / Otay Low / L3010 80%	9.1.3.1		9.1.3.2		9.1.3.3		9.1.3.4		9.1.3.5		9.1.3.6	
7832		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
7833		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
7834		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
7934	Alt Diameter 42" / Otay Low / L3010 Out	9.2.3.1		9.2.3.2		9.2.3.3		9.2.3.4		9.2.3.5		9.2.3.6	
7935		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
7936		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
7937		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
8037	Alt Diameter 42" / Otay Out / L3010 80%	9.1.4.1		9.1.4.2		9.1.4.3		9.1.4.4		9.1.4.5		9.1.4.6	
8038		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
8039		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
8040		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
8140	Alt Diameter 42" / Otay Out / L3010 Out	9.2.4.1		9.2.4.2		9.2.4.3		9.2.4.4		9.2.4.5		9.2.4.6	
8141		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
8142		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
8243	L1600 In-Kind / Otay Full / L3010 80%	10.1.1.1		10.1.1.2		10.1.1.3		10.1.1.4		10.1.1.5		10.1.1.6	
8244		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
8245		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
8246		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
8346	L1600 In-Kind / Otay Full / L3010 Out	10.2.1.1		10.2.1.2		10.2.1.3		10.2.1.4		10.2.1.5		10.2.1.6	
8347		Available Supply (MW)	3,132	Available Supply (MW)	3,392	Available Supply (MW)	3,485	Available Supply (MW)	3,260	Available Supply (MW)	3,806	Available Supply (MW)	4,087
8348		Curtailment (MWh)	0	Curtailment (MWh)	1,539	Curtailment (MWh)	0	Curtailment (MWh)	105	Curtailment (MWh)	0	Curtailment (MWh)	0
8349		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	8.50	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	2.25	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
8449	L1600 In-Kind / Otay Medium / L3010 80%	10.1.2.1		10.1.2.2		10.1.2.3		10.1.2.4		10.1.2.5		10.1.2.6	
8450		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
8451		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
8452		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
8552	L1600 In-Kind / Otay Medium / L3010 Out	10.2.2.1		10.2.2.2		10.2.2.3		10.2.2.4		10.2.2.5		10.2.2.6	
8553		Available Supply (MW)	3,132	Available Supply (MW)	3,243	Available Supply (MW)	3,019	Available Supply (MW)	2,794	Available Supply (MW)	3,806	Available Supply (MW)	3,847
8554		Curtailment (MWh)	0	Curtailment (MWh)	2,953	Curtailment (MWh)	0	Curtailment (MWh)	2,315	Curtailment (MWh)	0	Curtailment (MWh)	0
8555		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	10.50	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	9.25	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
8655	L1600 In-Kind / Otay Low / L3010 80%	10.1.3.1		10.1.3.2		10.1.3.3		10.1.3.4		10.1.3.5		10.1.3.6	
8656		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
8657		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
8658		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00

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 EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.	1. Example Summer Low-EG Day MW			2. Example Summer High-EG Day MW			3. Example Winter Day MW			4. Winter 1-in-10 Year Day MW			5. Example Spring Day MW			6. Example Fall Day MW		
8758	L1600 In-Kind / Otay Low / L3010 Out	10.2.3.1		10.2.3.2		10.2.3.3		10.2.3.4		10.2.3.5		10.2.3.6						
8759		Available Supply (MW)	3,094	Available Supply (MW)	3,094	Available Supply (MW)	2,570	Available Supply (MW)	2,570	Available Supply (MW)	3,245	Available Supply (MW)	3,399					
8760		Curtaiment (MWh)	0	Curtaiment (MWh)	4,618	Curtaiment (MWh)	1,450	Curtaiment (MWh)	5,152	Curtaiment (MWh)	0	Curtaiment (MWh)	0					
8761		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	12.00	Total # Hours w/ Outages	5.25	Total # Hours w/ Outages	16.75	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
8861	L1600 In-Kind / Otay Out / L3010 80%	10.1.4.1		10.1.4.2		10.1.4.3		10.1.4.4		10.1.4.5		10.1.4.6						
8862		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
8863		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0					
8864		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
8964	L1600 In-Kind / Otay Out / L3010 Out	10.2.4.1		10.2.4.2		10.2.4.3		10.2.4.4		10.2.4.5		10.2.4.6						
8965		Available Supply (MW)	2,907	Available Supply (MW)	2,907	Available Supply (MW)	2,570	Available Supply (MW)	2,570	Available Supply (MW)	2,570	Available Supply (MW)	2,570					
8966		Curtaiment (MWh)	417	Curtaiment (MWh)	7,065	Curtaiment (MWh)	1,450	Curtaiment (MWh)	5,152	Curtaiment (MWh)	150	Curtaiment (MWh)	1,636					
9067		Otay Mesa Alternate / Otay Full / L3010 80%	11.1.1.1		11.1.1.2		11.1.1.3		11.1.1.4		11.1.1.5		11.1.1.6					
9068	Available Supply (MW)		3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
9069	Curtaiment (MWh)		0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0					
9070	Total # Hours w/ Outages		0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
9170	Otay Mesa Alternate / Otay Full / L3010 Out	11.2.1.1		11.2.1.2		11.2.1.3		11.2.1.4		11.2.1.5		11.2.1.6						
9171		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
9172		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0					
9173		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
9273	Otay Mesa Alternate / Otay Medium / L3010 80%	11.1.2.1		11.1.2.2		11.1.2.3		11.1.2.4		11.1.2.5		11.1.2.6						
9274		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
9275		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0					
9276		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
9376	Otay Mesa Alternate / Otay Medium / L3010 Out	11.2.2.1		11.2.2.2		11.2.2.3		11.2.2.4		11.2.2.5		11.2.2.6						
9377		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
9378		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0					
9379		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
9479	Otay Mesa Alternate / Otay Low / L3010 80%	11.1.3.1		11.1.3.2		11.1.3.3		11.1.3.4		11.1.3.5		11.1.3.6						
9480		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
9481		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0					
9482		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
9582	Otay Mesa Alternate / Otay Low / L3010 Out	11.2.3.1		11.2.3.2		11.2.3.3		11.2.3.4		11.2.3.5		11.2.3.6						
9583		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
9584		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0					
9585		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
9685	Otay Mesa Alternate / Otay Out / L3010 80%	11.1.4.1		11.1.4.2		11.1.4.3		11.1.4.4		11.1.4.5		11.1.4.6						
9686		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087					
9687		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0					
9688		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00					
9788	Otay Mesa Alternate / Otay Out / L3010 Out	11.2.4.1		11.2.4.2		11.2.4.3		11.2.4.4		11.2.4.5		11.2.4.6						
9789		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,076	Available Supply (MW)	2,851	Available Supply (MW)	3,806	Available Supply (MW)	3,806					

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND OUTPUTS (SA 1.3)
 EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.		1. Example Summer Low-EG Day MW		2. Example Summer High-EG Day MW		3. Example Winter Day MW		4. Winter 1-in-10 Year Day MW		5. Example Spring Day MW		6. Example Fall Day MW	
1													
9790		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	1,819	Curtailment (MWh)	0	Curtailment (MWh)	0
9891	LNG Storage / Otay Full / L3010 80%	13.1.1.1		13.1.1.2		13.1.1.3		13.1.1.4		13.1.1.5		13.1.1.6	
9892		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
9893		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
9894		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
9994	LNG Storage / Otay Full / L3010 Out	13.2.1.1		13.2.1.2		13.2.1.3		13.2.1.4		13.2.1.5		13.2.1.6	
9995		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
9996		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
9997		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
10097	LNG Storage / Otay Medium / L3010 80%	13.1.2.1		13.1.2.2		13.1.2.3		13.1.2.4		13.1.2.5		13.1.2.6	
10098		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
10099		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
10100		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
10200	LNG Storage / Otay Medium / L3010 Out	13.2.2.1		13.2.2.2		13.2.2.3		13.2.2.4		13.2.2.5		13.2.2.6	
10201		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
10202		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
10203		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
10303	LNG Storage / Otay Low / L3010 80%	13.1.3.1		13.1.3.2		13.1.3.3		13.1.3.4		13.1.3.5		13.1.3.6	
10304		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
10305		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
10306		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
10406	LNG Storage / Otay Low / L3010 Out	13.2.3.1		13.2.3.2		13.2.3.3		13.2.3.4		13.2.3.5		13.2.3.6	
10407		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
10408		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
10409		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
10509	LNG Storage / Otay Out / L3010 80%	13.1.4.1		13.1.4.2		13.1.4.3		13.1.4.4		13.1.4.5		13.1.4.6	
10510		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
10511		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
10512		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
10612	LNG Storage / Otay Out / L3010 Out	13.2.4.1		13.2.4.2		13.2.4.3		13.2.4.4		13.2.4.5		13.2.4.6	
10613		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
10614		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
10715	Alt Energy (Grid) / Otay Full / L3010 80%	14.1.1.1		14.1.1.2		14.1.1.3		14.1.1.4		14.1.1.5		14.1.1.6	
10716		Available Supply (MW)	4,818	Available Supply (MW)	5,942	Available Supply (MW)	5,183	Available Supply (MW)	5,183	Available Supply (MW)	5,492	Available Supply (MW)	5,773
10717		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
10718		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
10818	Alt Energy (Grid) / Otay Full / L3010 Out	14.2.1.1		14.2.1.2		14.2.1.3		14.2.1.4		14.2.1.5		14.2.1.6	
10819		Available Supply (MW)	4,818	Available Supply (MW)	4,256	Available Supply (MW)	4,272	Available Supply (MW)	4,256	Available Supply (MW)	5,149	Available Supply (MW)	5,063
10820		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
10821		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
10921	Alt Energy (Grid) / Otay Medium / L3010 80%	14.1.2.1		14.1.2.2		14.1.2.3		14.1.2.4		14.1.2.5		14.1.2.6	

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 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.		1. Example Summer Low-EG Day MW		2. Example Summer High-EG Day MW		3. Example Winter Day MW		4. Winter 1-in-10 Year Day MW		5. Example Spring Day MW		6. Example Fall Day MW	
1													
10922		Available Supply (MW)	4,818	Available Supply (MW)	5,942	Available Supply (MW)	5,183	Available Supply (MW)	5,183	Available Supply (MW)	5,492	Available Supply (MW)	5,773
10923		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
10924		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
11024	Alt Energy (Grid) / Otay Medium / L3010 Out	14.2.2.1		14.2.2.2		14.2.2.3		14.2.2.4		14.2.2.5		14.2.2.6	
11025		Available Supply (MW)	4,569	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,672	Available Supply (MW)	4,633
11026		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
11027		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
11127	Alt Energy (Grid) / Otay Low / L3010 80%	14.1.3.1		14.1.3.2		14.1.3.3		14.1.3.4		14.1.3.5		14.1.3.6	
11128		Available Supply (MW)	4,818	Available Supply (MW)	5,942	Available Supply (MW)	5,183	Available Supply (MW)	5,183	Available Supply (MW)	5,492	Available Supply (MW)	5,773
11129		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
11130		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
11230	Alt Energy (Grid) / Otay Low / L3010 Out	14.2.3.1		14.2.3.2		14.2.3.3		14.2.3.4		14.2.3.5		14.2.3.6	
11231		Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256
11232		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
11233		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
11333	Alt Energy (Grid) / Otay Out / L3010 80%	14.1.4.1		14.1.4.2		14.1.4.3		14.1.4.4		14.1.4.5		14.1.4.6	
11334		Available Supply (MW)	4,818	Available Supply (MW)	5,829	Available Supply (MW)	4,649	Available Supply (MW)	4,424	Available Supply (MW)	5,436	Available Supply (MW)	5,380
11335		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
11336		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
11436	Alt Energy (Grid) / Otay Out / L3010 Out	14.2.4.1		14.2.4.2		14.2.4.3		14.2.4.4		14.2.4.5		14.2.4.6	
11437		Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256
11438		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
11539	Alt Energy (Small) / Otay Full / L3010 80%	21.1.1.1		21.1.1.2		21.1.1.3		21.1.1.4		21.1.1.5		21.1.1.6	
11540		Available Supply (MW)	4,818	Available Supply (MW)	5,942	Available Supply (MW)	5,183	Available Supply (MW)	5,183	Available Supply (MW)	5,492	Available Supply (MW)	5,773
11541		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
11542		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
11642	Alt Energy (Small) / Otay Full / L3010 Out	21.2.1.1		21.2.1.2		21.2.1.3		21.2.1.4		21.2.1.5		21.2.1.6	
11643		Available Supply (MW)	4,818	Available Supply (MW)	4,256	Available Supply (MW)	4,272	Available Supply (MW)	4,256	Available Supply (MW)	5,149	Available Supply (MW)	5,063
11644		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
11645		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
11745	Alt Energy (Small) / Otay Medium / L3010 80%	21.1.2.1		21.1.2.2		21.1.2.3		21.1.2.4		21.1.2.5		21.1.2.6	
11746		Available Supply (MW)	4,818	Available Supply (MW)	5,942	Available Supply (MW)	5,183	Available Supply (MW)	5,183	Available Supply (MW)	5,492	Available Supply (MW)	5,773
11747		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
11748		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
11848	Alt Energy (Small) / Otay Medium / L3010 Out	21.2.2.1		21.2.2.2		21.2.2.3		21.2.2.4		21.2.2.5		21.2.2.6	
11849		Available Supply (MW)	4,569	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,672	Available Supply (MW)	4,633
11850		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
11851		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
11951	Alt Energy (Small) / Otay Low / L3010 80%	21.1.3.1		21.1.3.2		21.1.3.3		21.1.3.4		21.1.3.5		21.1.3.6	
11952		Available Supply (MW)	4,818	Available Supply (MW)	5,942	Available Supply (MW)	5,183	Available Supply (MW)	5,183	Available Supply (MW)	5,492	Available Supply (MW)	5,773
11953		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
11954		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND OUTPUTS (SA 1.3)
 EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.		1. Example Summer Low-EG Day MW		2. Example Summer High-EG Day MW		3. Example Winter Day MW		4. Winter 1-in-10 Year Day MW		5. Example Spring Day MW		6. Example Fall Day MW	
1													
12054	Alt Energy (Small) / Otay Low / L3010 Out	21.2.3.1		21.2.3.2		21.2.3.3		21.2.3.4		21.2.3.5		21.2.3.6	
12055		Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256
12056		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
12057		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
12157	Alt Energy (Small) / Otay Out / L3010 80%	21.1.4.1		21.1.4.2		21.1.4.3		21.1.4.4		21.1.4.5		21.1.4.6	
12158		Available Supply (MW)	4,818	Available Supply (MW)	5,829	Available Supply (MW)	4,649	Available Supply (MW)	4,424	Available Supply (MW)	5,436	Available Supply (MW)	5,380
12159		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
12160		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
12260	Alt Energy (Small) / Otay Out / L3010 Out	21.2.4.1		21.2.4.2		21.2.4.3		21.2.4.4		21.2.4.5		21.2.4.6	
12261		Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256	Available Supply (MW)	4,256
12262		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
12363	Offshore / Otay Full / L3010 80%	15.1.1.1		15.1.1.2		15.1.1.3		15.1.1.4		15.1.1.5		15.1.1.6	
12364		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
12365		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
12366		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
12466	Offshore / Otay Full / L3010 Out	15.2.1.1		15.2.1.2		15.2.1.3		15.2.1.4		15.2.1.5		15.2.1.6	
12467		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
12468		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
12469		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
12569	Offshore / Otay Medium / L3010 80%	15.1.2.1		15.1.2.2		15.1.2.3		15.1.2.4		15.1.2.5		15.1.2.6	
12570		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
12571		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
12572		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
12672	Offshore / Otay Medium / L3010 Out	15.2.2.1		15.2.2.2		15.2.2.3		15.2.2.4		15.2.2.5		15.2.2.6	
12673		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
12674		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
12675		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
12775	Offshore / Otay Low / L3010 80%	15.1.3.1		15.1.3.2		15.1.3.3		15.1.3.4		15.1.3.5		15.1.3.6	
12776		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
12777		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
12778		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
12878	Offshore / Otay Low / L3010 Out	15.2.3.1		15.2.3.2		15.2.3.3		15.2.3.4		15.2.3.5		15.2.3.6	
12879		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
12880		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
12881		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
12981	Offshore / Otay Out / L3010 80%	15.1.4.1		15.1.4.2		15.1.4.3		15.1.4.4		15.1.4.5		15.1.4.6	
12982		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
12983		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
12984		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
13084	Offshore / Otay Out / L3010 Out	15.2.4.1		15.2.4.2		15.2.4.3		15.2.4.4		15.2.4.5		15.2.4.6	
13085		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND OUTPUTS (SA 1.3)
 EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.		1. Example Summer Low-EG Day MW		2. Example Summer High-EG Day MW		3. Example Winter Day MW		4. Winter 1-in-10 Year Day MW		5. Example Spring Day MW		6. Example Fall Day MW	
1													
13086		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
13187	Blythe to Santee 1 / Otay Full / L3010 80%	16.1.1.1		16.1.1.2		16.1.1.3		16.1.1.4		16.1.1.5		16.1.1.6	
13188		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
13189		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
13190		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
13290	Blythe to Santee 1 / Otay Full / L3010 Out	16.2.1.1		16.2.1.2		16.2.1.3		16.2.1.4		16.2.1.5		16.2.1.6	
13291		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
13292		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
13293		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
13393	Blythe to Santee 1 / Otay Medium / L3010 80%	16.1.2.1		16.1.2.2		16.1.2.3		16.1.2.4		16.1.2.5		16.1.2.6	
13394		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
13395		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
13396		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
13496	Blythe to Santee 1 / Otay Medium / L3010 Out	16.2.2.1		16.2.2.2		16.2.2.3		16.2.2.4		16.2.2.5		16.2.2.6	
13497		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
13498		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
13499		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
13599	Blythe to Santee 1 / Otay Low / L3010 80%	16.1.3.1		16.1.3.2		16.1.3.3		16.1.3.4		16.1.3.5		16.1.3.6	
13600		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
13601		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
13602		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
13702	Blythe to Santee 1 / Otay Low / L3010 Out	16.2.3.1		16.2.3.2		16.2.3.3		16.2.3.4		16.2.3.5		16.2.3.6	
13703		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
13704		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
13705		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
13805	Blythe to Santee 1 / Otay Out / L3010 80%	16.1.4.1		16.1.4.2		16.1.4.3		16.1.4.4		16.1.4.5		16.1.4.6	
13806		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
13807		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
13808		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
13908	Blythe to Santee 1 / Otay Out / L3010 Out	16.2.4.1		16.2.4.2		16.2.4.3		16.2.4.4		16.2.4.5		16.2.4.6	
13909		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
13910		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
14011	Blythe to Santee 2 / Otay Full / L3010 80%	17.1.1.1		17.1.1.2		17.1.1.3		17.1.1.4		17.1.1.5		17.1.1.6	
14012		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
14013		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
14014		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
14114	Blythe to Santee 2 / Otay Full / L3010 Out	17.2.1.1		17.2.1.2		17.2.1.3		17.2.1.4		17.2.1.5		17.2.1.6	
14115		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
14116		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
14117		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
14217	Blythe to Santee 2 / Otay Medium / L3010 80%	17.1.2.1		17.1.2.2		17.1.2.3		17.1.2.4		17.1.2.5		17.1.2.6	

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 EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.		1. Example Summer Low-EG Day MW		2. Example Summer High-EG Day MW		3. Example Winter Day MW		4. Winter 1-in-10 Year Day MW		5. Example Spring Day MW		6. Example Fall Day MW	
1													
14218		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
14219		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
14220		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
14320	<i>Blythe to Santee 2 / Otay Medium / L3010 Out</i>	17.2.2.1		17.2.2.2		17.2.2.3		17.2.2.4		17.2.2.5		17.2.2.6	
14321		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
14322		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
14323		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
14423	<i>Blythe to Santee 2 / Otay Low / L3010 80%</i>	17.1.3.1		17.1.3.2		17.1.3.3		17.1.3.4		17.1.3.5		17.1.3.6	
14424		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
14425		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
14426		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
14526	<i>Blythe to Santee 2 / Otay Low / L3010 Out</i>	17.2.3.1		17.2.3.2		17.2.3.3		17.2.3.4		17.2.3.5		17.2.3.6	
14527		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
14528		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
14529		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
14629	<i>Blythe to Santee 2 / Otay Out / L3010 80%</i>	17.1.4.1		17.1.4.2		17.1.4.3		17.1.4.4		17.1.4.5		17.1.4.6	
14630		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
14631		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
14632		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
14732	<i>Blythe to Santee 2 / Otay Out / L3010 Out</i>	17.2.4.1		17.2.4.2		17.2.4.3		17.2.4.4		17.2.4.5		17.2.4.6	
14733		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
14734		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
14835	<i>Cactus City to SD / Otay Full / L3010 80%</i>	18.1.1.1		18.1.1.2		18.1.1.3		18.1.1.4		18.1.1.5		18.1.1.6	
14836		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
14837		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
14838		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
14938	<i>Cactus City to SD / Otay Full / L3010 Out</i>	18.2.1.1		18.2.1.2		18.2.1.3		18.2.1.4		18.2.1.5		18.2.1.6	
14939		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
14940		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
14941		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
15041	<i>Cactus City to SD / Otay Medium / L3010 80%</i>	18.1.2.1		18.1.2.2		18.1.2.3		18.1.2.4		18.1.2.5		18.1.2.6	
15042		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
15043		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
15044		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
15144	<i>Cactus City to SD / Otay Medium / L3010 Out</i>	18.2.2.1		18.2.2.2		18.2.2.3		18.2.2.4		18.2.2.5		18.2.2.6	
15145		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
15146		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
15147		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
15247	<i>Cactus City to SD / Otay Low / L3010 80%</i>	18.1.3.1		18.1.3.2		18.1.3.3		18.1.3.4		18.1.3.5		18.1.3.6	
15248		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
15249		Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0	Curtailment (MWh)	0
15250		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND OUTPUTS (SA 1.3)
 EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.		1. Example Summer Low-EG Day MW		2. Example Summer High-EG Day MW		3. Example Winter Day MW		4. Winter 1-in-10 Year Day MW		5. Example Spring Day MW		6. Example Fall Day MW	
1													
15350	Cactus City to SD / Otay Low / L3010 Out	18.2.3.1		18.2.3.2		18.2.3.3		18.2.3.4		18.2.3.5		18.2.3.6	
15351		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
15352		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0
15353		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
15453	Cactus City to SD / Otay Out / L3010 80%	18.1.4.1		18.1.4.2		18.1.4.3		18.1.4.4		18.1.4.5		18.1.4.6	
15454		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
15455		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0
15456		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
15556	Cactus City to SD / Otay Out / L3010 Out	18.2.4.1		18.2.4.2		18.2.4.3		18.2.4.4		18.2.4.5		18.2.4.6	
15557		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
15558		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0
15659	Second Pipeline Along L3010 / Otay Full / L3010 80%	19.1.1.1		19.1.1.2		19.1.1.3		19.1.1.4		19.1.1.5		19.1.1.6	
15660		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
15661		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0
15662		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
15762	Second Pipeline Along L3010 / Otay Full / L3010 Out	19.2.1.1		19.2.1.2		19.2.1.3		19.2.1.4		19.2.1.5		19.2.1.6	
15763		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
15764		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0
15765		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
15865	Second Pipeline Along L3010 / Otay Medium / L3010 80%	19.1.2.1		19.1.2.2		19.1.2.3		19.1.2.4		19.1.2.5		19.1.2.6	
15866		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
15867		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0
15868		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
15968	Second Pipeline Along L3010 / Otay Medium / L3010 Out	19.2.2.1		19.2.2.2		19.2.2.3		19.2.2.4		19.2.2.5		19.2.2.6	
15969		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
15970		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0
15971		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
16071	Second Pipeline Along L3010 / Otay Low / L3010 80%	19.1.3.1		19.1.3.2		19.1.3.3		19.1.3.4		19.1.3.5		19.1.3.6	
16072		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
16073		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0
16074		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
16174	Second Pipeline Along L3010 / Otay Low / L3010 Out	19.2.3.1		19.2.3.2		19.2.3.3		19.2.3.4		19.2.3.5		19.2.3.6	
16175		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
16176		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0
16177		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
16277	Second Pipeline Along L3010 / Otay Out / L3010 80%	19.1.4.1		19.1.4.2		19.1.4.3		19.1.4.4		19.1.4.5		19.1.4.6	
16278		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087
16279		Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0	Curtaiment (MWh)	0
16280		Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00	Total # Hours w/ Outages	0.00
16380	Second Pipeline Along L3010 / Otay Out / L3010 Out	19.2.4.1		19.2.4.2		19.2.4.3		19.2.4.4		19.2.4.5		19.2.4.6	
16381		Available Supply (MW)	3,132	Available Supply (MW)	4,256	Available Supply (MW)	3,497	Available Supply (MW)	3,497	Available Supply (MW)	3,806	Available Supply (MW)	4,087

WORK PAPER TABLE - SCENARIO ANALYSIS ELECTRIC DEMAND AND OUTPUTS (SA 1.3)
EXAMPLE ELECTRIC DEMAND DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES AND RELATED CURTAILMENT
APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.		1. Example Summer Low-EG Day MW	2. Example Summer High-EG Day MW	3. Example Winter Day MW	4. Winter 1-in-10 Year Day MW	5. Example Spring Day MW	6. Example Fall Day MW
1							
16382		Curtailment (MWh)0	Curtailment (MWh)0	Curtailment (MWh)0	Curtailment (MWh)0	Curtailment (MWh)0	Curtailment (MWh)0

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.4)
 EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

Dynamic dropdown list for heatmap of curtailment:						
Project Alternate	Line 1600 (During Hydrotesting)	% of Scenarios in Curtailment: 0%			Curtailment Avg: 0%	
Line 3010 Status	Line 3010 at 80% Supply				Curtailment Min: 0%	
Output Type	Non-Core [%]	Count of Scenarios in Curtailment: 0			Curtailment Max: 0%	
Curtailment Type: Non-Core [%]	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Color Scale:						
Lowest value		Highest value				

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
 EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
 AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Line 1600 (Pre/Post Hydrotesting)						
Otay Mesa Full Supply	0.00	1.00	1.00	1.00	0.00	0.68
Otay Mesa Medium Supply	0.00	1.00	1.00	1.00	0.94	1.00
Otay Mesa Low Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.55	0.07	0.32	0.00	0.00
Otay Mesa Medium Supply	0.00	0.63	0.58	0.82	0.00	0.20
Otay Mesa Low Supply	0.17	0.72	1.00	1.00	0.50	0.49
Otay Mesa No Supply	0.50	0.83	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.04	0.15	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.52	0.57	0.12	0.17
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.11	0.76	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Line 3602 (Proposed Project)						
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Line 1600 (During Hydrotesting)						
Otay Mesa Full Supply	0.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Medium Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Low Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	1.00	0.98	1.00	0.28	0.47
Otay Mesa Medium Supply	0.44	1.00	1.00	1.00	0.66	0.75
Otay Mesa Low Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.14	0.00	0.11	0.00	0.00
Otay Mesa Medium Supply	0.00	0.40	0.26	0.34	0.00	0.00
Otay Mesa Low Supply	0.67	0.67	0.52	0.58	0.23	0.07
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.12	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.47	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.82	0.14	0.79	0.00	0.00
Otay Mesa No Supply	0.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.07	0.58	0.82	0.05	0.26

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
<u>Alternate Diameter Pipeline 10"</u>						
Otay Mesa Full Supply	0.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Medium Supply	0.92	1.00	1.00	1.00	1.00	1.00
Otay Mesa Low Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.88	0.68	0.92	0.05	0.28
Otay Mesa Medium Supply	0.00	0.97	1.00	1.00	0.44	0.57
Otay Mesa Low Supply	1.00	1.00	1.00	1.00	0.95	0.86
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.10	0.20	0.00	0.00
Otay Mesa Low Supply	0.17	0.17	0.36	0.43	0.00	0.00
Otay Mesa No Supply	0.50	0.50	0.84	0.86	0.71	0.72
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.16	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.60	1.00	1.00	0.47	1.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.27	0.52	0.00	0.07
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
<u>Alternate Diameter Pipeline 12"</u>						
Otay Mesa Full Supply	0.00	1.00	1.00	1.00	0.88	1.00
Otay Mesa Medium Supply	0.66	1.00	1.00	1.00	1.00	1.00
Otay Mesa Low Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.81	0.56	0.80	0.00	0.21
Otay Mesa Medium Supply	0.00	0.90	1.00	1.00	0.34	0.49
Otay Mesa Low Supply	0.97	0.99	1.00	1.00	0.86	0.79
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.03	0.14	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.30	0.38	0.00	0.00
Otay Mesa No Supply	0.30	0.30	0.77	0.80	0.59	0.61
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa No Supply	0.00	0.33	1.00	1.00	0.20	1.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.15	0.39	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Alternate Diameter Pipeline 16"						
Otay Mesa Full Supply	0.00	1.00	1.00	1.00	0.00	0.55
Otay Mesa Medium Supply	0.00	1.00	1.00	1.00	0.81	1.00
Otay Mesa Low Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.51	0.01	0.26	0.00	0.00
Otay Mesa Medium Supply	0.00	0.60	0.52	0.76	0.00	0.16
Otay Mesa Low Supply	0.07	0.69	1.00	1.00	0.45	0.45
Otay Mesa No Supply	0.40	0.80	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.01	0.12	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.48	0.54	0.06	0.11
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.60	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Alternate Diameter Pipeline 20"						
Otay Mesa Full Supply	0.00	1.00	0.00	0.23	0.00	0.00
Otay Mesa Medium Supply	0.00	1.00	0.92	1.00	0.00	0.37
Otay Mesa Low Supply	0.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa No Supply	0.33	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.21	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.30	0.00	0.21	0.00	0.00
Otay Mesa Low Supply	0.00	0.39	0.47	0.71	0.04	0.12
Otay Mesa No Supply	0.00	0.50	1.00	1.00	0.64	0.74
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00

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17
18
19
20

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

	Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
221	Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
222	Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
223	Otay Mesa No Supply	0.00	0.00	0.19	0.29	0.00	0.00
224							
225	Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
226	Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
227	Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
228	Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
229							
230	Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
231	Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
232	Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
233	Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
234							
235	Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
236	Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
237	Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
238	Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
239							
240	<u>Alternate Diameter Pipeline 24"</u>						
241	Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
242	Otay Mesa Medium Supply	0.00	0.20	0.00	0.00	0.00	0.00
243	Otay Mesa Low Supply	0.00	0.56	0.00	0.47	0.00	0.00
244	Otay Mesa No Supply	0.00	1.00	1.00	1.00	0.87	1.00
245							
246	Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
247	Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
248	Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
249	Otay Mesa No Supply	0.00	0.00	0.45	0.70	0.00	0.19
250							
251	Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
252	Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
253	Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
254	Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
255							
256	Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
257	Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
258	Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
259	Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
260							
261	Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
262	Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
263	Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
264	Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
265							
266	Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
267	Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
268	Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
269	Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
270							
271	<u>Alternate Diameter Pipeline 30"</u>						
272	Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
273	Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
274	Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
275	Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
<i>L1600 In-Kind Replacement</i>						
Otay Mesa Full Supply	0.00	1.00	1.00	1.00	0.00	0.55
Otay Mesa Medium Supply	0.00	1.00	1.00	1.00	0.81	1.00
Otay Mesa Low Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.51	0.01	0.26	0.00	0.00
Otay Mesa Medium Supply	0.00	0.60	0.52	0.76	0.00	0.16
Otay Mesa Low Supply	0.07	0.69	1.00	1.00	0.45	0.45
Otay Mesa No Supply	0.40	0.80	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.01	0.12	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.48	0.54	0.06	0.11
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.60	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
<i>Otay Mesa Alternate</i>						
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.20	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.56	0.00	0.47	0.00	0.00
Otay Mesa No Supply	0.00	1.00	1.00	1.00	0.87	1.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.45	0.70	0.00	0.19
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
LNG Storage Alternate						
Otay Mesa Full Supply	0.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Medium Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Low Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	1.00	0.98	1.00	0.28	0.47
Otay Mesa Medium Supply	0.44	1.00	1.00	1.00	0.66	0.75
Otay Mesa Low Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.14	0.00	0.11	0.00	0.00
Otay Mesa Medium Supply	0.00	0.40	0.26	0.34	0.00	0.00
Otay Mesa Low Supply	0.67	0.67	0.52	0.58	0.23	0.07
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.12	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.47	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.82	0.14	0.79	0.00	0.00
Otay Mesa No Supply	0.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.07	0.58	0.82	0.05	0.26
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Alt Energy Alternate (Grid-Scale)						
Otay Mesa Full Supply	0.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Medium Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Low Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	1.00	0.98	1.00	0.28	0.47
Otay Mesa Medium Supply	0.44	1.00	1.00	1.00	0.66	0.75
Otay Mesa Low Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.14	0.00	0.11	0.00	0.00
Otay Mesa Medium Supply	0.00	0.40	0.26	0.34	0.00	0.00
Otay Mesa Low Supply	0.67	0.67	0.52	0.58	0.23	0.07
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa Full Supply	0.00	0.12	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.47	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.82	0.14	0.79	0.00	0.00
Otay Mesa No Supply	0.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.07	0.58	0.82	0.05	0.26
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Alt Energy Alternate (Smaller-Scale)						
Otay Mesa Full Supply	0.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Medium Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Low Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	1.00	0.98	1.00	0.28	0.47
Otay Mesa Medium Supply	0.44	1.00	1.00	1.00	0.66	0.75
Otay Mesa Low Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.14	0.00	0.11	0.00	0.00
Otay Mesa Medium Supply	0.00	0.40	0.26	0.34	0.00	0.00
Otay Mesa Low Supply	0.67	0.67	0.52	0.58	0.23	0.07
Otay Mesa No Supply	1.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.12	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.47	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.82	0.14	0.79	0.00	0.00
Otay Mesa No Supply	0.00	1.00	1.00	1.00	1.00	1.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.07	0.58	0.82	0.05	0.26
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Offshore Route						
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
<u>Blythe to Santee Alternate 1</u>						
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
<u>Blythe to Santee Alternate 2</u>						

16
17
18
19
20

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00

Cactus City to San Diego Alternate

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
<u>Second Pipeline Along L3010 Alternate</u>						
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
<u>Electric Curtailment Heat Maps</u>						
Otay Mesa Full Supply	0.00	0.06	0.00	0.02	0.00	0.00
Otay Mesa Medium Supply	0.00	0.09	0.00	0.08	0.00	0.00
Otay Mesa Low Supply	0.01	0.11	0.09	0.09	0.00	0.00
Otay Mesa No Supply	0.04	0.14	0.09	0.09	0.03	0.07
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.19	0.09	0.09	0.00	0.00
Otay Mesa Medium Supply	0.03	0.19	0.09	0.09	0.00	0.02
Otay Mesa Low Supply	0.10	0.19	0.09	0.09	0.03	0.07
Otay Mesa No Supply	0.10	0.19	0.09	0.09	0.03	0.07
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.08	0.00	0.00
Otay Mesa Full Supply	0.00	0.16	0.02	0.09	0.00	0.00
Otay Mesa Medium Supply	0.00	0.18	0.09	0.09	0.00	0.00
Otay Mesa Low Supply	0.10	0.19	0.09	0.09	0.01	0.05
Otay Mesa No Supply	0.10	0.19	0.09	0.09	0.03	0.07
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.06	0.00	0.00
Otay Mesa Full Supply	0.00	0.14	0.00	0.08	0.00	0.00
Otay Mesa Medium Supply	0.00	0.16	0.09	0.09	0.00	0.00
Otay Mesa Low Supply	0.10	0.19	0.09	0.09	0.00	0.03
Otay Mesa No Supply	0.10	0.19	0.09	0.09	0.03	0.07
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.04	0.00	0.00
Otay Mesa Full Supply	0.00	0.05	0.00	0.01	0.00	0.00
Otay Mesa Medium Supply	0.00	0.08	0.00	0.08	0.00	0.00
Otay Mesa Low Supply	0.00	0.10	0.09	0.09	0.00	0.00
Otay Mesa No Supply	0.03	0.13	0.09	0.09	0.03	0.07
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.01	0.00	0.00
Otay Mesa Low Supply	0.00	0.02	0.00	0.07	0.00	0.00
Otay Mesa No Supply	0.00	0.04	0.09	0.09	0.00	0.01
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.07	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00

WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00

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WORK PAPER TABLE - SCENARIO ANALYSIS HEAT MAP OF CURTAILMENT LEVELS (SA 1.XX)
EXAMPLE ELECTRIC DEMAND FOR DAY DURING SEASONAL VARIATIONS WITH ELECTRIC SUPPLY FOR THE ALTERNATIVES
AMENDED APPLICATION, VOLUME III - COST-EFFECTIVENESS ANALYSIS

Otay Mesa Supply	1. Example Summer Low-EG Day	2. Example Summer High-EG Day	3. Example Winter Day	4. Winter 1-in-10 Year Day	5. Example Spring Day	6. Example Fall Day
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Full Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Medium Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa Low Supply	0.00	0.00	0.00	0.00	0.00	0.00
Otay Mesa No Supply	0.00	0.00	0.00	0.00	0.00	0.00

WORK PAPER TABLE - SCENARIO ANALYSIS SUMMARY OF OUTPUTS (SA 1.5)
SUMMARY OF SCENARIO ANALYSIS OUTCOMES FOR % CURTAILMENT TO CUSTOMERS AND CUSTOMERS OR METERS AFFECTED
APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

Line No.	Project Alternate	L3010 Status	Scenarios Analyzed	Customer Class	% of Scenarios in Curtailment	Curtailment %			Customers Affected		
						Min	Max	Avg	Min	Max	Avg
	A	B	C	D	E	F	G	H	I	J	K
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WORK PAPER TABLE - SCENARIO ANALYSIS SUMMARY OF OUTPUTS (SA 1.5)
SUMMARY OF SCENARIO ANALYSIS OUTCOMES FOR % CURTAILMENT TO CUSTOMERS AND CUSTOMERS OR METERS AFFECTED
APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

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Project Alternate	L3010 Status	Scenarios Analyzed	Customer Class	% of Scenarios in Curtailment	Curtailment %			Customers Affected		
					Min	Max	Avg	Min	Max	Avg
A	B	C	D	E	F	G	H	I	J	K
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	88%	55%	100%	84.8%			
			Gas Electric Generation (EG)	79%	1%	100%	48.7%			
			Gas Core	25%	1%	54%	5.5%	5,325	471,655	47,877
			Electric	54%	1%	13%	3.9%	19,607	183,210	55,144
			Gas Non-Core Non-EG	4%	60%	60%	2.5%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	33%	20%	100%	25.4%			
			Gas Electric Generation (EG)	13%	19%	70%	5.6%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	96%	100%	100%	95.8%			
			Gas Electric Generation (EG)	96%	28%	100%	85.8%			
			Gas Core	71%	7%	100%	41.6%	60,119	868,838	361,471
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	42%	12%	100%	30.6%			
			Gas Electric Generation (EG)	21%	5%	82%	7.4%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	96%	100%	100%	95.8%			
			Gas Electric Generation (EG)	96%	28%	100%	85.8%			
			Gas Core	71%	7%	100%	41.6%	60,119	868,838	361,471
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	42%	12%	100%	30.6%			
			Gas Electric Generation (EG)	21%	5%	82%	7.4%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	96%	100%	100%	95.8%			
			Gas Electric Generation (EG)	96%	28%	100%	85.8%			
			Gas Core	71%	7%	100%	41.6%	60,119	868,838	361,471
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	42%	12%	100%	30.6%			
			Gas Electric Generation (EG)	21%	5%	82%	7.4%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0
			Gas Non-Core Non-EG	0%	0%	0%	0.0%			
			Gas Electric Generation (EG)	0%	0%	0%	0.0%			
			Gas Core	0%	0%	0%	0.0%	0	0	0
			Electric	0%	0%	0%	0.0%	0	0	0

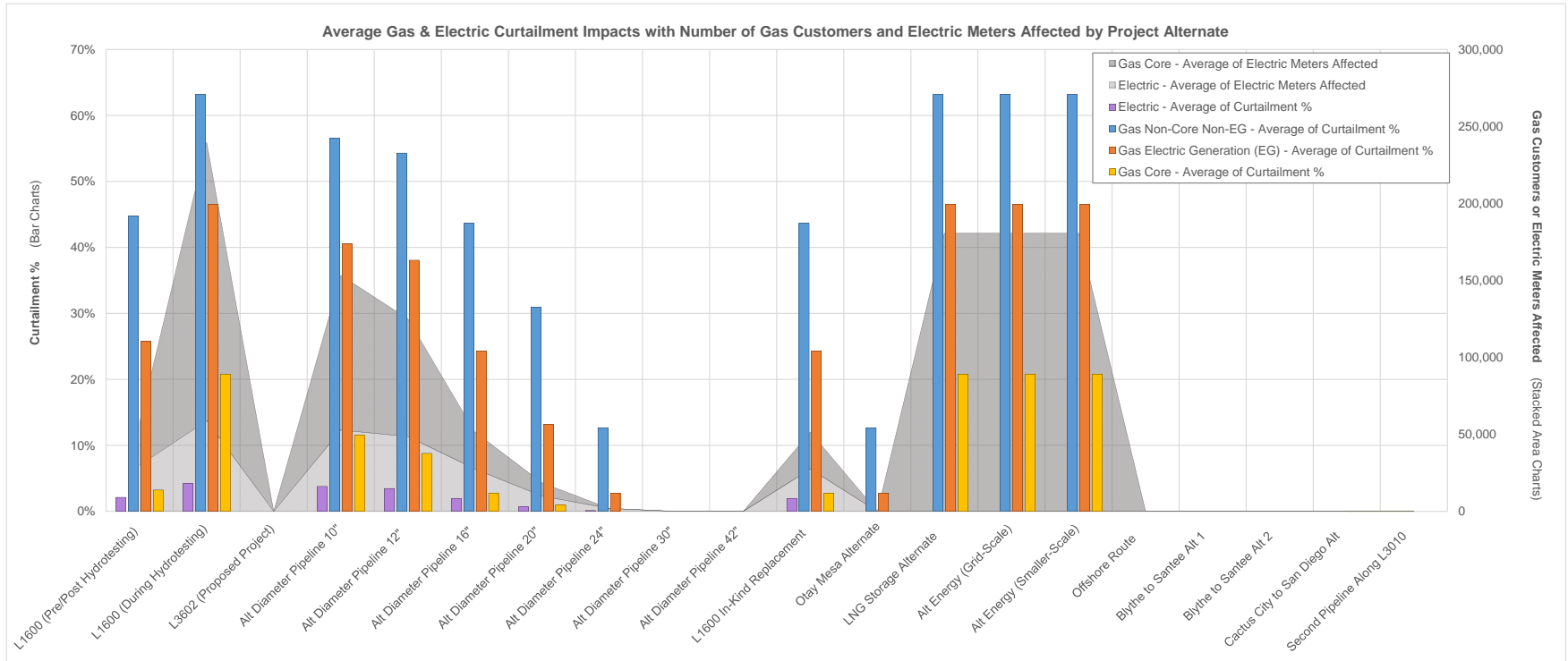
WORK PAPER TABLE - SCENARIO ANALYSIS SUMMARY OF OUTPUTS (SA 1.5)
SUMMARY OF SCENARIO ANALYSIS OUTCOMES FOR % CURTAILMENT TO CUSTOMERS AND CUSTOMERS OR METERS AFFECTED
APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

1						Curtailment %			Customers Affected		
2	Project Alternate	L3010 Status	Scenarios Analyzed	Customer Class	% of Scenarios in Curtailment	Min	Max	Avg	Min	Max	Avg
3	A	B	C	D	E	F	G	H	I	J	K
162		80%	4	Gas Core	0%	0%	0%	0.0%	0	0	0
163				Electric	0%	0%	0%	0.0%	0	0	0

WORK PAPER TABLE - SCENARIO ANALYSIS GRAPH (SA 1.6)
 GRAPH OF CURTAILMENT IMPACTS FOR EACH ALTERNATE WITH GAS CUSTOMERS AND ELECTRIC METERS AFFECTED
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.



WORK PAPER TABLE - SCENARIO ANALYSIS SCORING (SA 1.7)
 TABLE OF AVERAGE GAS CURTAILMENT % FOR GAS CUSTOMERS & ELECTRIC OUTAGES FOR ELECTRIC CUSTOMERS RANKED BY AVERAGE CURTAILMENT %
 APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.	Avg Curtailment %					Normalized Average Curtailment				Benefits Evaluation Model Scoring of Avg Curtailment %			
	A	B	C	D	E	F	G	H	I	J	K	L	M
	Project Alternate	Gas Non-Core Non-EG	Gas Electric Generation (EG)	Gas Core	Electric	Gas Non-Core Non-EG	Gas Electric Generation (EG)	Gas Core	Electric	Gas Non-Core Non-EG	Gas Electric Generation (EG)	Gas Core	Electric
1	L1600 (Pre/Post Hydrotesting)	44.8%	25.8%	3.2%	2.1%	71%	55%	16%	51%	2	3	5	3
2	L1600 (During Hydrotesting)	63.2%	46.6%	20.8%	4.2%	100%	100%	100%	100%	1	1	1	1
3	L3602 (Proposed Project)	0.0%	0.0%	0.0%	0.0%	0%	0%	0%	0%	5	5	5	5
4	Alt Diameter Pipeline 10"	56.6%	40.5%	11.6%	3.8%	89%	87%	56%	90%	1	1	3	1
5	Alt Diameter Pipeline 12"	54.3%	38.1%	8.8%	3.5%	86%	82%	42%	83%	1	1	3	1
6	Alt Diameter Pipeline 16"	43.7%	24.3%	2.8%	2.0%	69%	52%	13%	47%	2	3	5	3
7	Alt Diameter Pipeline 20"	30.9%	13.2%	1.0%	0.7%	49%	28%	5%	17%	3	4	5	5
8	Alt Diameter Pipeline 24"	12.7%	2.8%	0.0%	0.1%	20%	6%	0%	3%	4	5	5	5
9	Alt Diameter Pipeline 30"	0.0%	0.0%	0.0%	0.0%	0%	0%	0%	0%	5	5	5	5
10	Alt Diameter Pipeline 42"	0.0%	0.0%	0.0%	0.0%	0%	0%	0%	0%	5	5	5	5
11	L1600 In-Kind Replacement	43.7%	24.3%	2.8%	2.0%	69%	52%	13%	47%	2	3	5	3
12	Otay Mesa Alternate	12.7%	2.8%	0.0%	0.0%	20%	6%	0%	0%	4	5	5	5
13	LNG Storage Alternate	63.2%	46.6%	20.8%	0.0%	100%	100%	100%	0%	1	1	1	5
14	Alt Energy (Grid-Scale)	63.2%	46.6%	20.8%	0.0%	100%	100%	100%	0%	1	1	1	5
15	Alt Energy (Smaller-Scale)	63.2%	46.6%	20.8%	0.0%	100%	100%	100%	0%	1	1	1	5
16	Offshore Route	0.0%	0.0%	0.0%	0.0%	0%	0%	0%	0%	5	5	5	5
17	Blythe to Santee Alt 1	0.0%	0.0%	0.0%	0.0%	0%	0%	0%	0%	5	5	5	5
18	Blythe to Santee Alt 2	0.0%	0.0%	0.0%	0.0%	0%	0%	0%	0%	5	5	5	5
19	Cactus City to San Diego Alt	0.0%	0.0%	0.0%	0.0%	0%	0%	0%	0%	5	5	5	5
20	Second Pipeline Along L3010	0.0%	0.0%	0.0%	0.0%	0%	0%	0%	0%	5	5	5	5
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

Max 63.2% 46.6% 20.8% 4.2%

Average Curtailment Percentage
 Returns the average curtailment to each gas customer class and electric meters by project alternate, under all 48 scenarios evaluated for that alternate.

Normalization
 The scores in this table have been normalized against the maximum curtailment percentage under each customer class.
 For example, (Column F - Line 4) = (Column B - Line 4) / (Column F - Line 25)

Benefits Evaluation Model Scoring
 This table scored the Alternatives 1 through 5 using data in the 'Normalized Average Curtailment' table.
 Scores are ranked as 1 being worst (curtailment >= 80%) and 5 being best (curtailment <= 20%)

WORK PAPER TABLE - SCENARIO ANALYSIS GRAPH DATA SET (SA 1.8)
DATA SET OF CURTAILMENT IMPACTS WITH GAS CUSTOMERS AND ELECTRIC METERS AFFECTED FOR GRAPH INPUT
APPLICATION 15-09-013 VOLUME III – COST-EFFECTIVENESS ANALYSIS

Line No.

1	Column Labels										
2		Electric		Gas Non-Core Non-EG		Gas Electric Generation (EG)		Gas Core		Total Average of Curtailment %	Total Average of Electric Meters Affected
3	Row Labels	Average of Curtailment %	Average of Electric Meters Affected	Average of Curtailment %	Average of Electric Meters Affected	Average of Curtailment %	Average of Electric Meters Affected	Average of Curtailment %	Average of Electric Meters Affected		
4	L1600 (Pre/Post Hydrotesting)	0.021422862	29992.00627	0.447922939	0	0.257788988	0	0.03246967	28210.88279	0.189901115	14550.72226
5	L1600 (During Hydrotesting)	0.042067286	58894.2007	0.63212371	0	0.465656104	0	0.208019672	180735.3956	0.336966693	59907.39906
6	L3602 (Proposed Project)	0	0	0	0	0	0	0	0	0	0
7	Alt Diameter Pipeline 10"	0.037748364	52847.71015	0.565558889	0	0.405443448	0	0.115625752	100460.0471	0.281094113	38326.93932
8	Alt Diameter Pipeline 12"	0.03474192	48638.68849	0.543171389	0	0.380634018	0	0.087968353	76430.24831	0.26162892	31267.2342
9	Alt Diameter Pipeline 16"	0.019694133	27571.78659	0.436655018	0	0.243303859	0	0.02755221	23938.40683	0.181801305	12877.54835
10	Alt Diameter Pipeline 20"	0.007117018	9963.824973	0.309465936	0	0.13191479	0	0.009984639	8675.033794	0.114620596	4659.714692
11	Alt Diameter Pipeline 24"	0.001423519	1992.926133	0.126914633	0	0.027847924	0	0	0	0.039046519	498.2315333
12	Alt Diameter Pipeline 30"	0	0	0	0	0	0	0	0	0	0
13	Alt Diameter Pipeline 42"	0	0	0	0	0	0	0	0	0	0
14	L1600 In-Kind Replacement	0.019694133	27571.78659	0.436655018	0	0.243303859	0	0.02755221	23938.40683	0.181801305	12877.54835
15	Otay Mesa Alternate	0	0	0.126914633	0	0.027847924	0	0	0	0.038690639	0
16	LNG Storage Alternate	0	0	0.63212371	0	0.465656104	0	0.208019672	180735.3956	0.326449871	45183.84889
17	Alt Energy (Grid-Scale)	0	0	0.63212371	0	0.465656104	0	0.208019672	180735.3956	0.326449871	45183.84889
18	Alt Energy (Smaller-Scale)	0	0	0.63212371	0	0.465656104	0	0.208019672	180735.3956	0.326449871	45183.84889
19	Offshore Route	0	0	0	0	0	0	0	0	0	0
20	Blythe to Santee Alt 1	0	0	0	0	0	0	0	0	0	0
21	Blythe to Santee Alt 2	0	0	0	0	0	0	0	0	0	0
22	Cactus City to San Diego Alt	0	0	0	0	0	0	0	0	0	0
23	Second Pipeline Along L3010	0	0	0	0	0	0	0	0	0	0
24	Grand Total	0.009195462	12873.64649	0.276087665	0	0.179035461	0	0.056661576	49229.7304	0.130245041	15525.84422