Electricity Resource Planning Form S-2
Energy Balance Resource Accounting Table (in GWh)

Filing LSE: City of Anaheim
Date: revised 3/24/09 Corrected 4/1/11

Gray pattern cells do not need to be completed.

line	Energy Balance Table Form S-2	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
	ENERGY DEMAND CALCULATIONS (GWh)													
1a	**Forecast Total Energy Demand / Consumption**			2,835	2,848	2,846	2,852	2,872	2,873	2,880	2,875	2,892	2,920	
2a	Departing CCA and Municipal Load (-)			0	0	0	0	0	0	0	0	0	0	
2b	Arriving and New Municipal Load (+)			3	19	47	84	113	147	181	237	238	231	
3	Uncommitted Energy Efficiency(-)			0	0	0	0	0	0	0	0	0	0	
4	Demand Response / Interruptible Programs (-)			0	0	0	0	0	0	0	0	0	0	
5	Self-Generation (Total, Non-CSI) (-)			0	0	0	0	0	0	0	0	0	0	
6	California Solar Initiative (-)			0	0	0	0	0	0	0	0	0	0	
7	Direct Access Loads (-/+)			0	0	0	0	0	0	0	0	0	0	
8	Subtotal of Adjustments to Energy Demand			**3**	**19**	**47**	**84**	**113**	**147**	**181**	**237**	**238**	**231**	
9	Adjusted Energy Demand / Consumption	**2,687**	**2,700**	**2,838**	**2,867**	**2,893**	**2,936**	**2,985**	**3,020**	**3,062**	**3,112**	**3,130**	**3,150**	
10	Firm Sales Obligations	0	0	0	0	0	0	0	0	0	0	0	0	
11	Firm LSE Energy Requirement	2,687	**2,700**	**2,838**	**2,867**	**2,893**	**2,936**	**2,985**	**3,020**	**3,062**	**3,112**	**3,130**	**3,150**	
	EXISTING AND PLANNED RESOURCES													
	Utility-Controlled Fossil Resources:													
12a	Total Fossil Energy Supply	**2,933**	**2,766**	**2,823**	**2,741**	**2,782**	**2,753**	**2,759**	**2,703**	**2,741**	**2,724**	**2,742**	**2,710**	
12b	IPP1 [coal: Intermountain Power Plant Unit 1]	1,961	1,904	901	942	900	960	899	950	896	954	896	952	
12c	IPP2 [coal: Intermountain Power Plant Unit 2]	0	0	938	889	943	886	923	846	909	854	912	857	
12d	SJ4 [coal: San Juan Unit 4]	391	250	396	336	365	340	355	330	355	330	351	328	
12e	Canyon Power Project	0	0	0	0	1	20	31	26	29	30	32	36	
12f	Magnolia	524	555	543	526	524	500	504	503	504	507	504	483	
12g	Anaheim CTG	57	57	46	48	49	46	47	48	48	48	47	53	
	Utility-Controlled Nuclear Resources:													
13a	Total Nuclear Energy Supply	**252**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
13b	San Onofre (SONGS 2&3)	252	0	0	0	0	0	0	0	0	0	0	0	
	Utility-Controlled Hydroelectric Resources:													
14a	Total Hydroelectric Energy Generation (Actual / 1-in-2)	**46**	**45**	**44**	**43**	**43**	**43**	**43**	**44**	**44**	**43**	**43**	**43**	
14b	Total Energy: Hoover (Over 30 MW, actual /1-in-2)	46	45	44	43	43	43	43	44	44	43	43	43	
14c	Total Energy: Hydro Plants 30 MW or less (Actual /1-in-2)													
14d	Hydroelectric Energy in Dry-Year Conditions (1-in-5)			44	43	43	43	43	44	44	43	43	43	
14e	Hydroelectric Energy in Wet-Year Conditions (1-in-5)			44	43	43	43	43	44	44	43	43	43	
	Utility-Controlled Renewable Resources:													
15a	Total Utility-Controlled Renewable Energy	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
15b	Unit 1 (fuel) (List each non-hydro resource.)	0	0	0	0	0	0	0	0	0	0	0	0	
	Renewable Energy Contractual Resources:													
18a	Total Energy Supply From Renewable Contracts	**115**	**163**	**353**	**263**	**348**	**424**	**416**	**420**	**419**	**420**	**416**	**420**	
18b	PPM Wind 1	16	18	18	18	18	18	18	18	18	18	18	18	
18c	PPM Wind 2	59	71	62	62	62	63	62	62	62	63	62	62	
18d	Ridgewood Power 1 [Olinda Landfill Gas, Brea Power]	0	34	112	38	124	197	192	194	194	194	192	194	
18e	MWD Hydro [Perris, Rio Hondo, Coyote Creek, Valley]	0	0	42	23	23	23	23	23	23	23	23	23	
18f	Ormat Geothermal [OrHeber2]	40	39	64	66	65	68	66	67	67	67	66	67	
18g	**Shoshone 1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**See note 1 in blue at the bottom**
18h	**Geotherm.1 [Thermo 1 Geothermal]**	**0**	**0**	**56**	**56**	**56**	**56**	**56**	**56**	**56**	**56**	**56**	**56**	**See note 2 in blue at the bottom**
	Other Bilateral Contracts:													
19a	Total Energy Supply From Other Bilateral Contracts	**0**	**0**	**37**	**63**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
19b	NRG 1			0	0	0	0	0	0	0	0	0	0	
19c	BPEC 1 [BP Energy Company 1]			0	32	0	0	0	0	0	0	0	0	
19d	BPEC 2 [BP Energy Company 2]			37	32	0	0	0	0	0	0	0	0	
19e	NRG 2			0	0	0	0	0	0	0	0	0	0	
20	Short Term and Spot Market Purchases (Net Planned Purcha	(473)	(114)	(455)	(293)	(351)	(397)	(602)	(739)	(733)	(667)	(658)	(615)	
	Energy Balance Summary:													
21	Total: Existing and Planned Energy	**2,873**	**2,860**	**2,838**	**2,867**	**2,893**	**2,936**	**2,985**	**3,020**	**3,062**	**3,112**	**3,130**	**3,150**	
11	Total LSE Energy Requirement	**2,687**	**2,700**	**2,838**	**2,867**	**2,893**	**2,936**	**2,985**	**3,020**	**3,062**	**3,112**	**3,130**	**3,150**	
22	**(LSE Energy Need) or Surplus**			**0**	**0**	**0**	**0**	**(0)**	**0**	**(0)**	**0**	**0**	**0**	
	ADDITIONAL NEEDS FOR ENERGY			0										
23	**Generic Renewable Energy**			**0**			**0**	**0**	**0**	**135**	**140**	**145**	**150**	**See note 3 in blue at the bottom**
24	Generic Non-Renewable Energy			0										
25	**Total Generic Resources to be Added**			**0**	**0**	**0**	**0**	**0**	**0**	**135**	**140**	**145**	**150**	
	RENEWABLE ENERGY ACCOUNTING													
26a	Utility-Controlled Renewable Resources	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
26c	Renewable Energy Contractual Resources	**115**	**163**	**353**	**263**	**348**	**424**	**416**	**420**	**554**	**560**	**561**	**570**	
26d	Generic Renewable Energy	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
26e	Total State-Defined Eligible Renewable Energy	**115**	**163**	**353**	**263**	**348**	**424**	**416**	**420**	**554**	**560**	**561**	**570**	
26f	Other LSE-Defined Renewable Energy													
26g	Total Actual / Expected Renewable Energy	**115**	**163**	**353**	**263**	**348**	**424**	**416**	**420**	**554**	**560**	**561**	**570**	
27	Total Retail Sales	2,599	2,597	2,572	2,598	2,620	2,663	2,697	2,732	2,771	2,820	2,837	2,859	
28	**Renewable Energy as a Percentage of Retail Sales**	**4.4%**	**6.3%**	**13.7%**	**10.1%**	**13.3%**	**15.9%**	**15.4%**	**15.4%**	**20.0%**	**19.9%**	**19.8%**	**19.9%**	
	Biomass Energy Accounting:													
29b	Other Biomass Energy	0	34	112	38	124	197	192	194	194	194	192	194	
29c	Total Biomass Energy	**0**	**34**	**112**	**38**	**124**	**197**	**192**	**194**	**194**	**194**	**192**	**194**	

Note

1 **The Shoshone project was cancelled due to Shoshone's inability to obtain financing.**

2 **Their are two projects at Raser (Harmony and Thermo 1 at 11 MW each). The developer failed to obtain financing for Harmony . Therefore the project was never developed. Thermo 1 is limited to 7MW**

3 **Generic Renewable Projects added to comply with the internal RPS standard.**