

Lodi Energy Center PPC Monthly Meeting

Bidding Strategies
Regulation Revenues and Costs Comparison
August 14, 2017

Day-Ahead Market Bidding Strategies

- During July we continued netting expected startup energy revenues against costs into our startup bid costs.
- Estimated startup costs were \$7,212 per day. Pre-schedule startup bid costs averaged \$9,000 per day.
- June's extreme hot weather did not carry over into July. But above average temperature did result in some days with high margins.
- Intra month adjustment to regulation down bidding implemented to avoid high real-time prices.
- The plant tripped on the 29th and 30th.



July Modelled Day Ahead Revenue

Date	Week Day	DA Hour Start	DA Hour End	DA Energy	DA Energy Revenue	RegUp Capacity Revenue	RegDn Capacity Revenue	IFM BCR Revenue	DA Total Revenue	DA Total Costs	DA Net Revenue
07/05/17	WED	15	22	2,107	\$ 102,798	\$ 2,102	\$ 2,770	\$ -	\$ 117,820	\$ 104,752	\$ 13,068
07/06/17	THU	14	22	2,489	\$ 127,484	\$ 230	\$ 2,124	\$ -	\$ 136,599	\$ 110,686	\$ 25,913
07/07/17	FRI	12	23	3,213	\$ 211,191	\$ 411	\$ 3,641	\$ -	\$ 222,899	\$ 137,506	\$ 85,393
07/08/17	SAT	13	22	2,499	\$ 141,745	\$ 3,972	\$ 2,637	\$ -	\$ 154,017	\$ 112,377	\$ 41,640
07/09/17	SUN	14	22	2,332	\$ 119,510	\$ 1,767	\$ 2,617	\$ -	\$ 129,693	\$ 102,502	\$ 27,191
07/10/17	MON	13	22	2,510	\$ 131,279	\$ 3,677	\$ 3,899	\$ -	\$ 152,182	\$ 109,861	\$ 42,321
07/11/17	TUE	14	22	2,293	\$ 104,743	\$ 2,345	\$ 2,310	\$ -	\$ 113,591	\$ 102,191	\$ 11,400
07/12/17	WED	15	22	2,216	\$ 110,982	\$ 181	\$ 2,820	\$ -	\$ 117,567	\$ 99,462	\$ 18,105
07/13/17	THU	15	22	2,194	\$ 106,115	\$ 328	\$ 2,464	\$ -	\$ 112,900	\$ 99,906	\$ 12,995
07/14/17	FRI	14	21	1,994	\$ 103,329	\$ 3,170	\$ 676	\$ -	\$ 110,623	\$ 94,370	\$ 16,253
07/15/17	SAT	14	22	2,208	\$ 115,542	\$ 3,479	\$ 1,281	\$ -	\$ 124,221	\$ 97,994	\$ 26,226
07/16/17	SUN	13	22	2,602	\$ 141,908	\$ 1,904	\$ 1,680	\$ -	\$ 149,170	\$ 113,151	\$ 36,020
07/17/17	MON	14	22	2,222	\$ 113,505	\$ 3,643	\$ 1,035	\$ -	\$ 121,360	\$ 98,693	\$ 22,668
07/18/17	TUE	15	22	2,071	\$ 96,341	\$ 1,596	\$ 1,385	\$ -	\$ 103,896	\$ 98,752	\$ 5,144
07/19/17	WED	16	22	1,860	\$ 92,175	\$ 683	\$ 770	\$ -	\$ 114,511	\$ 90,955	\$ 23,556
07/24/17	MON	14	22	2,276	\$ 115,380	\$ 4,038	\$ 1,459	\$ -	\$ 130,635	\$ 119,429	\$ 11,206
07/25/17	TUE	15	22	2,251	\$ 108,895	\$ -	\$ 1,262	\$ -	\$ 118,177	\$ 104,000	\$ 14,176
07/26/17	WED	15	22	2,213	\$ 107,476	\$ 177	\$ 877	\$ -	\$ 116,183	\$ 102,634	\$ 13,549
07/27/17	THU	14	22	2,332	\$ 124,304	\$ 2,410	\$ 914	\$ -	\$ 134,457	\$ 107,288	\$ 27,170
07/28/17	FRI	14	22	2,457	\$ 118,563	\$ 523	\$ 1,765	\$ -	\$ 126,206	\$ 109,734	\$ 16,473
07/29/17	SAT	17	22	1,679	\$ 78,418	\$ -	\$ 686	\$ -	\$ 84,837	\$ 78,055	\$ 6,782
07/30/17	SUN	15	22	2,126	\$ 97,317	\$ 897	\$ 1,581	\$ -	\$ 112,450	\$ 109,803	\$ 2,647
07/31/17	MON	13	22	2,742	\$ 164,118	\$ 464	\$ 1,596	\$ -	\$ 174,926	\$ 124,725	\$ 50,202
					=====	=====	=====	=====	=====	=====	=====
August 14, 2017					\$2,733,118	\$37,994	\$ 42,250	\$ -	\$2,978,921	\$2,428,825	\$ 550,096

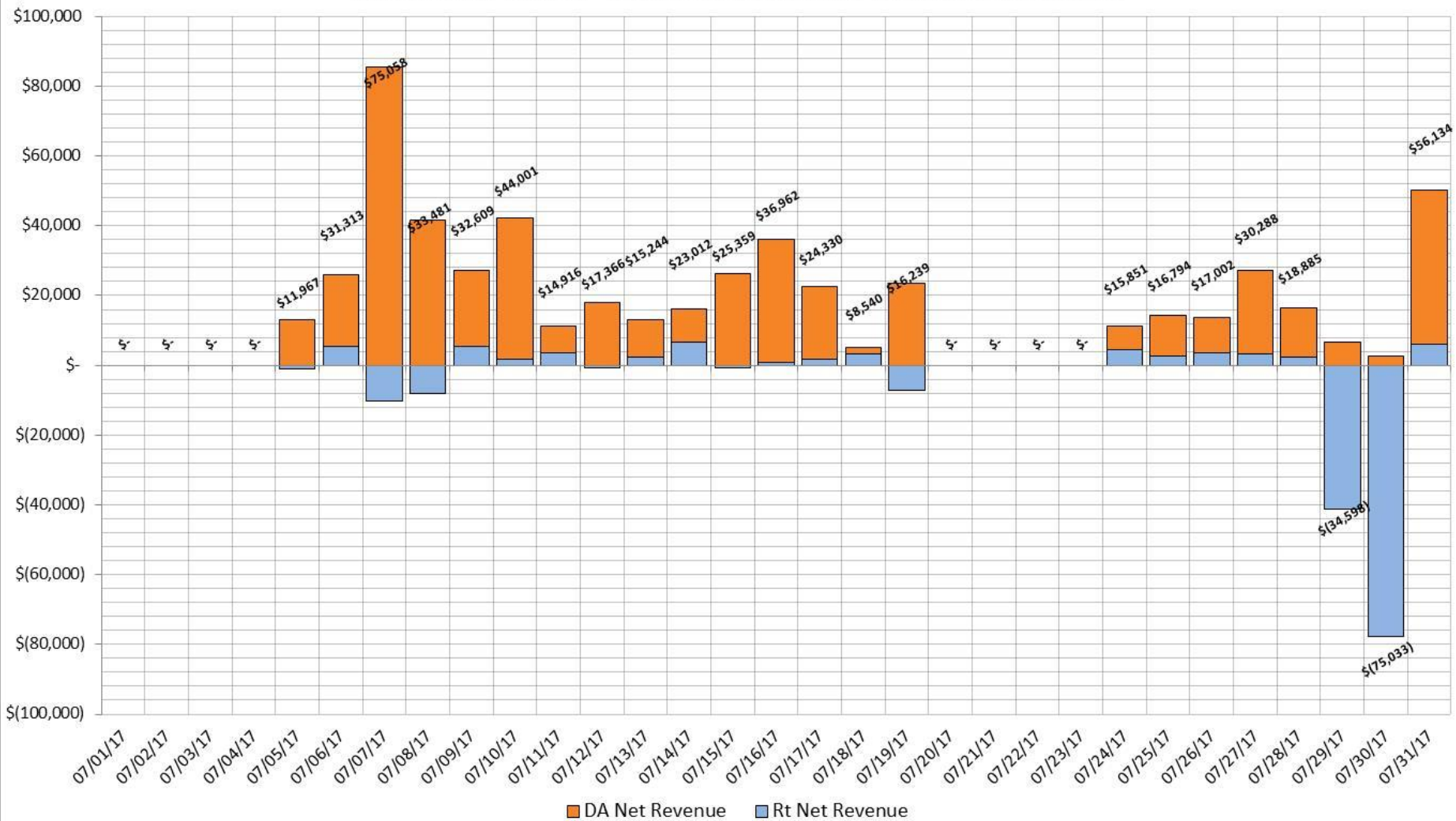
July 2017 Regulation Down Net Revenues

Year	Month	HourEnd Seq	RT LMP PRC	RD CLR PRC	RegDn Capacity	RegDn Capacity Revenue	RegDn Mileage Revenue	RegDn ISO Energy	RegDn Energy Percent Called	RegDn ISO Energy Cost	RegDn Variable Cost Savings	RegDn RT Net Revenue	RegDn Penalty	RegDn CAP Energy Net Revenue
2017	7	1	\$ 27.48	\$ 1.57	0.0	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	2	\$ 26.12	\$ 1.98	0.0	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	3	\$ 25.67	\$ 2.42	0.0	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	4	\$ 25.53	\$ 2.80	0.0	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	5	\$ 26.71	\$ 2.59	0.0	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	6	\$ 28.23	\$ 1.99	0.0	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	7	\$ 27.04	\$ 4.77	0.0	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	8	\$ 25.60	\$ 5.35	0.0	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	9	\$ 23.31	\$ 6.15	0.0	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	10	\$ 24.37	\$ 6.72	0.0	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	11	\$ 29.41	\$ 5.41	0.0	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	12	\$ 27.87	\$ 5.66	94.7	\$ 352	\$ 2	-59.56	-62.9%	\$ 2,988	\$ -	\$ (2,988)	\$ -	\$ (2,636)
2017	7	13	\$ 35.40	\$ 5.39	332.0	\$ 1,461	\$ 7	-25.34	-7.6%	\$ 6,420	\$ 913	\$ (5,507)	\$ -	\$ (4,046)
2017	7	14	\$ 28.75	\$ 5.07	719.1	\$ 2,753	\$ 10	-35.08	-4.9%	\$ 2,478	\$ 859	\$ (1,620)	\$ -	\$ 1,133
2017	7	15	\$ 32.81	\$ 4.30	1,609.3	\$ 5,804	\$ 66	-87.61	-5.4%	\$ 9,630	\$ 4,162	\$ (5,468)	\$ -	\$ 336
2017	7	16	\$ 53.90	\$ 4.61	1,138.1	\$ 4,371	\$ 104	-215.07	-18.9%	\$ 13,224	\$ 1,769	\$ (11,456)	\$ -	\$ (7,084)
2017	7	17	\$ 52.76	\$ 3.81	1,159.1	\$ 3,765	\$ 53	-138.38	-11.9%	\$ 12,094	\$ 2,277	\$ (9,817)	\$ -	\$ (6,052)
2017	7	18	\$ 78.12	\$ 3.98	1,159.1	\$ 4,800	\$ 20	-227.99	-19.7%	\$ 20,113	\$ 1,854	\$ (18,259)	\$ -	\$ (13,459)
2017	7	19	\$ 85.36	\$ 3.84	1,159.1	\$ 4,511	\$ 14	-154.15	-13.3%	\$ 21,826	\$ 1,998	\$ (19,828)	\$ -	\$ (15,317)
2017	7	20	\$ 76.20	\$ 2.93	1,159.1	\$ 3,623	\$ 91	-151.39	-13.1%	\$ 19,721	\$ 3,278	\$ (16,443)	\$ -	\$ (12,819)
2017	7	21	\$ 40.96	\$ 2.55	2,178.1	\$ 5,491	\$ 353	-349.27	-16.0%	\$ 19,646	\$ 2,510	\$ (17,136)	\$ -	\$ (11,645)
2017	7	22	\$ 31.24	\$ 3.29	1,721.3	\$ 5,288	\$ 58	-127.44	-7.4%	\$ 5,267	\$ 847	\$ (4,420)	\$ -	\$ 868
2017	7	23	\$ 28.21	\$ 1.85	18.3	\$ 30	\$ -	-3.51	-19.2%	\$ 161	\$ -	\$ (161)	\$ -	\$ (131)
2017	7	24	\$ 26.05	\$ 1.85	0.0	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
			\$ 136.97	\$ 3.39	12,447.4	\$ 42,250	\$ 778	-1574.79	-12.7%	\$ 133,568	\$ 20,466	\$ (113,103)	\$ -	\$ (70,853)

July 2017 Regulation Up Net Revenues

Year	Month	HourEnd Seq	RT LMP PRC	RU CLR PRC	RegUp Capacity	RegUp Capacity Revenue	RegUp Mileage Revenue	RegUp ISO Energy	RegUp Energy Percent Called	RegUp ISO Energy Revenue	RegUp Variable Cost Increase	RegUp RT Net Revenue	RegUp Penalty	RegUp CAP Energy Net Revenue	Regulation Net Revenue
2017	7	1	\$ 27.48	\$ 3.87	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	2	\$ 26.12	\$ 2.40	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	3	\$ 25.67	\$ 2.54	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	4	\$ 25.53	\$ 2.06	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	5	\$ 26.71	\$ 2.08	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	6	\$ 28.23	\$ 2.98	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	7	\$ 27.04	\$ 3.75	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	8	\$ 25.60	\$ 3.32	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	9	\$ 23.31	\$ 3.25	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	10	\$ 24.37	\$ 3.65	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	11	\$ 29.41	\$ 5.05	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	7	12	\$ 27.87	\$ 6.81	18.27	\$ 188	\$ -	0.51	0.5%	\$ 23	\$ 20	\$ 2	\$ -	\$ 190	\$ (2,446)
2017	7	13	\$ 35.40	\$ 8.27	210.51	\$ 2,242	\$ 8	39.57	11.9%	\$ 1,151	\$ 1,554	\$ (402)	\$ -	\$ 1,840	\$ (2,206)
2017	7	14	\$ 28.75	\$ 9.71	825.33	\$ 9,713	\$ 21	75.63	10.5%	\$ 2,206	\$ 2,995	\$ (789)	\$ -	\$ 8,924	\$ 10,058
2017	7	15	\$ 32.81	\$ 11.00	640.21	\$ 8,031	\$ 23	80.53	5.0%	\$ 2,635	\$ 3,171	\$ (536)	\$ -	\$ 7,496	\$ 7,832
2017	7	16	\$ 53.90	\$ 11.81	490.34	\$ 5,407	\$ 28	70.79	6.2%	\$ 8,317	\$ 2,807	\$ 5,511	\$ -	\$ 10,918	\$ 3,834
2017	7	17	\$ 52.76	\$ 12.29	175.83	\$ 2,669	\$ 6	63.54	5.5%	\$ 2,095	\$ 2,494	\$ (399)	\$ -	\$ 2,270	\$ (3,782)
2017	7	18	\$ 78.12	\$ 14.89	24.10	\$ 274	\$ -	0.00	0.0%	\$ -	\$ -	\$ -	\$ -	\$ 274	\$ (13,186)
2017	7	19	\$ 85.36	\$ 22.41	34.92	\$ 618	\$ -	2.11	0.2%	\$ 80	\$ 83	\$ (3)	\$ -	\$ 615	\$ (14,702)
2017	7	20	\$ 76.20	\$ 31.37	24.10	\$ 661	\$ 0	0.80	0.1%	\$ 33	\$ 31	\$ 2	\$ -	\$ 663	\$ (12,156)
2017	7	21	\$ 40.96	\$ 15.08	23.77	\$ 523	\$ -	0.29	0.0%	\$ 6	\$ 11	\$ (5)	\$ -	\$ 518	\$ (11,127)
2017	7	22	\$ 31.24	\$ 11.03	602.51	\$ 7,444	\$ 9	84.21	4.9%	\$ 2,604	\$ 3,264	\$ (660)	\$ -	\$ 6,784	\$ 7,653
2017	7	23	\$ 28.21	\$ 6.48	24.78	\$ 223	\$ -	3.55	19.5%	\$ 118	\$ 138	\$ (20)	\$ -	\$ 203	\$ 72
2017	7	24	\$ 26.05	\$ 5.49	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
			\$ 136.97	\$ 12.28	3094.67	\$ 37,994	\$ 95	421.52	13.6%	\$ 19,269	\$ 16,567	\$ 2,702	\$ -	\$ 40,696	\$ (30,157)

Lodi Energy Center Day-Ahead and Real Time Net Revenues



Modelled Market Bidding Strategies Results

Totals	\$2,977,536	\$2,428,825	\$(149,993)	\$(55,950)	\$548,710	\$(94,043)	\$454,667
Date	DA Total Revenue	DA Total Costs	RT Total Revenue	RT Total Cost	DA Net Revenue	Rt Net Revenue	DA RT Net Revenue
07/01/17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/02/17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/03/17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/04/17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/05/17	\$ 117,820	\$ 104,752	\$ 82	\$ 1,183	\$ 13,068	\$ (1,101)	\$ 11,967
07/06/17	\$ 136,599	\$ 110,686	\$ 4,716	\$ (684)	\$ 25,913	\$ 5,400	\$ 31,313
07/07/17	\$ 222,899	\$ 137,506	\$ 4,699	\$ 15,033	\$ 85,393	\$ (10,334)	\$ 75,058
07/08/17	\$ 154,017	\$ 112,377	\$ (2,894)	\$ 5,265	\$ 41,640	\$ (8,159)	\$ 33,481
07/09/17	\$ 129,693	\$ 102,502	\$ 9,264	\$ 3,845	\$ 27,191	\$ 5,418	\$ 32,609
07/10/17	\$ 152,182	\$ 109,861	\$ 2,977	\$ 1,297	\$ 42,321	\$ 1,680	\$ 44,001
07/11/17	\$ 113,591	\$ 102,191	\$ 2,594	\$ (922)	\$ 11,400	\$ 3,516	\$ 14,916
07/12/17	\$ 117,567	\$ 99,462	\$ 1,665	\$ 2,404	\$ 18,105	\$ (739)	\$ 17,366
07/13/17	\$ 112,900	\$ 99,906	\$ 1,949	\$ (301)	\$ 12,995	\$ 2,249	\$ 15,244
07/14/17	\$ 110,623	\$ 94,370	\$ 7,034	\$ 275	\$ 16,253	\$ 6,759	\$ 23,012
07/15/17	\$ 124,221	\$ 97,994	\$ 890	\$ 1,758	\$ 26,226	\$ (867)	\$ 25,359
07/16/17	\$ 149,170	\$ 113,151	\$ 628	\$ (314)	\$ 36,020	\$ 942	\$ 36,962
07/17/17	\$ 121,360	\$ 98,693	\$ 2,911	\$ 1,249	\$ 22,668	\$ 1,663	\$ 24,330
07/18/17	\$ 103,896	\$ 98,752	\$ 3,798	\$ 402	\$ 5,144	\$ 3,396	\$ 8,540
07/19/17	\$ 114,511	\$ 90,955	\$ (15,202)	\$ (7,884)	\$ 23,556	\$ (7,317)	\$ 16,239
07/20/17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/21/17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/22/17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/23/17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/24/17	\$ 130,635	\$ 119,429	\$ 5,013	\$ 367	\$ 11,206	\$ 4,645	\$ 15,851
07/25/17	\$ 116,791	\$ 104,000	\$ 2,165	\$ (784)	\$ 12,791	\$ 2,949	\$ 15,739
07/26/17	\$ 116,183	\$ 102,634	\$ 2,713	\$ (741)	\$ 13,549	\$ 3,454	\$ 17,002
07/27/17	\$ 134,457	\$ 107,288	\$ 2,999	\$ (120)	\$ 27,170	\$ 3,119	\$ 30,288
07/28/17	\$ 126,206	\$ 109,734	\$ 2,559	\$ 146	\$ 16,473	\$ 2,412	\$ 18,885
07/29/17	\$ 84,837	\$ 78,055	\$ (87,245)	\$ (45,866)	\$ 6,782	\$ (41,380)	\$ (34,598)
07/30/17	\$ 112,450	\$ 109,803	\$(109,151)	\$ (31,471)	\$ 2,647	\$ (77,680)	\$ (75,033)
07/31/17	\$ 174,926	\$ 124,725	\$ 5,843	\$ (89)	\$ 50,202	\$ 5,932	\$ 56,134

Note: Real-time Plant Outage on July 29th and 30th

Backcast of Margins on Outage Days

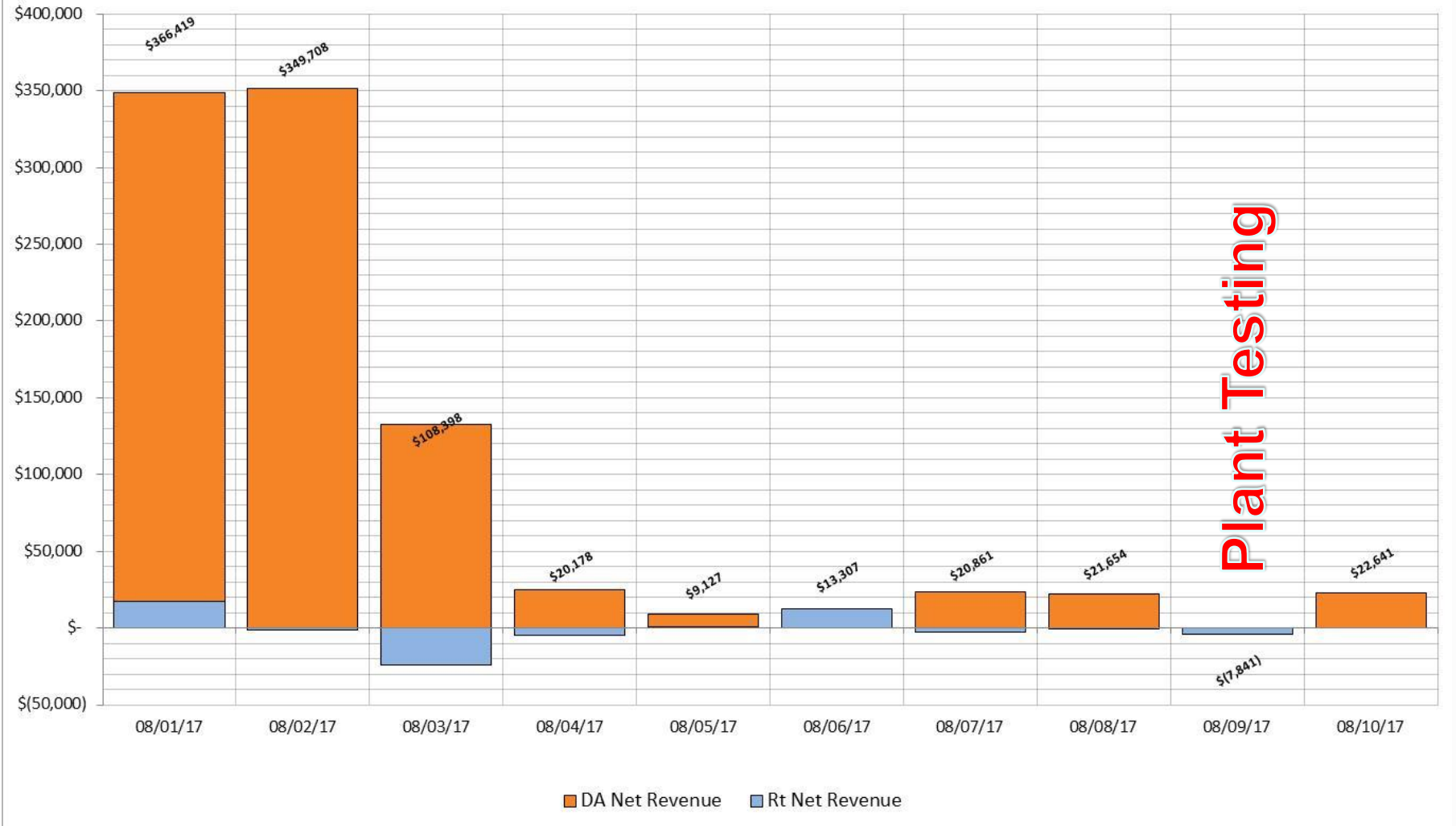
Totals	\$ 355,921	\$ 301,238	\$ -	\$ -	\$ 54,683	\$ -	\$ 54,683
Date	DA Total Revenue	DA Total Costs	RT Total Revenue	RT Total Cost	DA Net Revenue	Rt Net Revenue	DA RT Net Revenue
07/20/17	\$ 107,678	\$ 97,715	\$ -	\$ -	\$ 9,963	\$ -	\$ 9,963
07/21/17	\$ 122,582	\$ 106,994	\$ -	\$ -	\$ 15,588	\$ -	\$ 15,588
07/22/17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
07/23/17	\$ 125,661	\$ 96,529	\$ -	\$ -	\$ 29,132	\$ -	\$ 29,132



August Modelled Day Ahead Revenue

Date	Week Day	DA Hour Start	DA Hour End	DA Energy	DA Energy Revenue	RegUp Capacity Revenue	RegDn Capacity Revenue	IFM BCR Revenue	DA Total Revenue	DA Total Costs	DA Net Revenue
08/01/17	TUE	7	23	4,677	\$ 537,542	\$ -	\$ 3,860	\$ -	\$ 549,578	\$ 200,737	\$ 348,841
08/02/17	WED	7	24	4,991	\$ 543,497	\$ 225	\$ 5,922	\$ -	\$ 553,120	\$ 201,828	\$ 351,292
08/03/17	THU	8	24	4,708	\$ 316,630	\$ 63	\$ 4,174	\$ -	\$ 325,934	\$ 193,453	\$ 132,480
08/04/17	FRI	12	22	2,766	\$ 136,933	\$ 2,131	\$ 2,284	\$ -	\$ 146,989	\$ 122,338	\$ 24,651
08/05/17	SAT	15	22	1,815	\$ 83,019	\$ 4,553	\$ 1,000	\$ -	\$ 92,321	\$ 83,236	\$ 9,085
08/06/17	SUN	17	22	1,356	\$ 60,615	\$ 3,728	\$ 773	\$ -	\$ 78,921	\$ 78,307	\$ 614
08/07/17	MON	14	22	2,356	\$ 119,889	\$ 1,935	\$ 1,762	\$ -	\$ 129,013	\$ 105,236	\$ 23,777
08/08/17	TUE	15	23	2,462	\$ 120,522	\$ 166	\$ 2,340	\$ -	\$ 127,447	\$ 105,614	\$ 21,833
08/09/17	WED	5	24	4,328	\$ 173,188	\$ 1,208	\$ 2,232	\$ -	\$ 177,935	\$ 181,369	\$ (3,434)
08/10/17	THU	14	22	2,336	\$ 120,411	\$ -	\$ 1,833	\$ -	\$ 123,306	\$ 100,665	\$ 22,641
					=====	=====	=====	=====	=====	=====	=====
					\$2,212,247	\$14,010	\$ 26,180	\$ -	\$2,304,564	\$1,372,783	\$ 931,781

Lodi Energy Center Day-Ahead and Real Time Net Revenues



August Day-Ahead Market Results

Totals	\$ 2,304,564	\$ 1,372,783	\$ 11,424	\$ 18,753	\$ 931,781	\$ (7,329)	\$ 924,452
Date	DA Total Revenue	DA Total Costs	RT Total Revenue	RT Total Cost	DA Net Revenue	Rt Net Revenue	DA RT Net Revenue
08/01/17	\$ 549,578	\$ 200,737	\$ 4,652	\$ (12,926)	\$ 348,841	\$ 17,578	\$ 366,419
08/02/17	\$ 553,120	\$ 201,828	\$ (50)	\$ 1,535	\$ 351,292	\$ (1,585)	\$ 349,708
08/03/17	\$ 325,934	\$ 193,453	\$ (8,125)	\$ 15,957	\$ 132,480	\$ (24,082)	\$ 108,398
08/04/17	\$ 146,989	\$ 122,338	\$ (447)	\$ 4,027	\$ 24,651	\$ (4,473)	\$ 20,178
08/05/17	\$ 92,321	\$ 83,236	\$ 99	\$ 57	\$ 9,085	\$ 42	\$ 9,127
08/06/17	\$ 78,921	\$ 78,307	\$ 12,862	\$ 168	\$ 614	\$ 12,694	\$ 13,307
08/07/17	\$ 129,013	\$ 105,236	\$ 1,962	\$ 4,878	\$ 23,777	\$ (2,916)	\$ 20,861
08/08/17	\$ 127,447	\$ 105,614	\$ (259)	\$ (80)	\$ 21,833	\$ (179)	\$ 21,654
08/09/17	\$ 177,935	\$ 181,369	\$ 731	\$ 5,138	\$ (3,434)	\$ (4,407)	\$ (7,841)
08/10/17	\$ 123,306	\$ 100,665	\$ -	\$ -	\$ 22,641	\$ -	\$ 22,641

Note: Plant Testing on August 9, 2017

August 2017 Regulation Down Net Revenues

Year	Month	HourEnd Seq	RT LMP PRC	RD CLR PRC	RegDn Capacity	RegDn Capacity Revenue	RegDn Mileage Revenue	RegDn ISO Energy	RegDn Energy Percent Called	RegDn ISO Energy Cost	RegDn Variable Cost Savings	RegDn RT Net Revenue	RegDn Penalty	RegDn CAP Energy Net Revenue
2017	8	1	\$ 26.19	\$ 2.11	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	8	2	\$ 25.04	\$ 1.53	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	8	3	\$ 23.35	\$ 1.69	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	8	4	\$ 24.37	\$ 1.77	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	8	5	\$ 25.85	\$ 1.59	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	8	6	\$ 28.66	\$ 1.48	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -
2017	8	7	\$ 31.85	\$ 4.47	284.10	\$ 791	\$ 5	34.76	12.2%	\$ 1,255	\$ 1,402	\$ 147	\$ -	\$ 937
2017	8	8	\$ 30.72	\$ 5.46	378.80	\$ 2,089	\$ 16	80.73	21.3%	\$ 3,023	\$ 3,234	\$ 211	\$ -	\$ 2,300
2017	8	9	\$ 27.34	\$ 5.74	312.29	\$ 1,548	\$ 27	73.05	23.4%	\$ 2,956	\$ 3,006	\$ 49	\$ -	\$ 1,597
2017	8	10	\$ 27.83	\$ 4.67	345.94	\$ 1,128	\$ 10	66.35	19.2%	\$ 2,947	\$ 2,639	\$ (308)	\$ -	\$ 820
2017	8	11	\$ 29.92	\$ 4.62	374.71	\$ 1,417	\$ 12	56.98	15.2%	\$ 2,347	\$ 2,260	\$ (87)	\$ -	\$ 1,330
2017	8	12	\$ 36.19	\$ 4.34	318.08	\$ 915	\$ 12	11.31	3.6%	\$ 619	\$ 452	\$ (167)	\$ -	\$ 748
2017	8	13	\$ 37.74	\$ 4.57	295.37	\$ 1,006	\$ 18	53.51	18.1%	\$ 5,560	\$ 2,149	\$ (3,411)	\$ -	\$ (2,405)
2017	8	14	\$ 38.83	\$ 3.96	507.68	\$ 1,734	\$ 3	95.58	18.8%	\$ 4,120	\$ 3,912	\$ (207)	\$ -	\$ 1,527
2017	8	15	\$ 40.11	\$ 3.95	555.57	\$ 1,925	\$ 24	167.91	30.2%	\$ 7,580	\$ 7,124	\$ (456)	\$ -	\$ 1,468
2017	8	16	\$ 57.39	\$ 4.52	238.68	\$ 1,032	\$ 3	82.33	34.5%	\$ 9,185	\$ 3,272	\$ (5,913)	\$ -	\$ (4,881)
2017	8	17	\$ 66.56	\$ 5.79	276.50	\$ 1,623	\$ 6	65.44	23.7%	\$ 7,464	\$ 2,606	\$ (4,858)	\$ -	\$ (3,235)
2017	8	18	\$ 37.73	\$ 5.37	276.50	\$ 1,556	\$ 3	59.20	21.4%	\$ 2,185	\$ 2,364	\$ 179	\$ -	\$ 1,735
2017	8	19	\$ 79.19	\$ 5.56	292.75	\$ 1,606	\$ 11	41.97	14.3%	\$ 5,894	\$ 1,635	\$ (4,259)	\$ -	\$ (2,653)
2017	8	20	\$ 46.44	\$ 4.60	292.75	\$ 1,325	\$ 21	85.33	29.1%	\$ 3,466	\$ 3,364	\$ (102)	\$ -	\$ 1,224
2017	8	21	\$ 40.42	\$ 3.69	852.30	\$ 3,000	\$ 54	57.96	6.8%	\$ 2,264	\$ 2,256	\$ (8)	\$ -	\$ 2,992
2017	8	22	\$ 35.56	\$ 4.01	785.94	\$ 3,136	\$ 5	44.62	5.7%	\$ 1,462	\$ 1,744	\$ 282	\$ -	\$ 3,418
2017	8	23	\$ 30.77	\$ 1.38	343.61	\$ 307	\$ 5	36.92	10.7%	\$ 1,365	\$ 1,435	\$ 70	\$ -	\$ 377
2017	8	24	\$ 25.92	\$ 1.43	56.91	\$ 41	\$ 16	21.57	37.9%	\$ 611	\$ 843	\$ 232	\$ -	\$ 273
			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
			\$ 76.88	\$ 3.86	6788.48	\$ 26,180	\$ 251	1135.52	16.7%	\$ 64,303	\$ 45,695	\$ (18,608)	\$ -	\$ 7,572

August 2017 Regulation Up Net Revenues

Year	Month	HourEnd Seq	RT LMP PRC	RU CLR PRC	RegUp Capacity	RegUp Capacity Revenue	RegUp Mileage Revenue	RegUp ISO Energy	RegUp Energy Percent Called	RegUp ISO Energy Revenue	RegUp Variable Cost Increase	RegUp RT Net Revenue	RegUp Penalty	RegUp CAP Energy Net Revenue	Regulation Net Revenue
2017	8	1	\$ 26.19	\$ 3.16	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	8	2	\$ 25.04	\$ 2.51	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	8	3	\$ 23.35	\$ 1.90	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	8	4	\$ 24.37	\$ 1.63	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017	8	5	\$ 25.85	\$ 1.76	94.70	\$ 141	\$ -	0.85		\$ 18	\$ 36	\$ (18)	\$ -	\$ 123	\$ 123
2017	8	6	\$ 28.66	\$ 2.20	94.70	\$ 141	\$ -	1.67		\$ 40	\$ 69	\$ (29)	\$ -	\$ 112	\$ 112
2017	8	7	\$ 31.85	\$ 3.98	14.67	\$ 80	\$ -	1.21	0.4%	\$ 28	\$ 47	\$ (19)	\$ -	\$ 61	\$ 998
2017	8	8	\$ 30.72	\$ 3.06	14.67	\$ 32	\$ -	0.00	0.0%	\$ -	\$ -	\$ -	\$ -	\$ 32	\$ 2,332
2017	8	9	\$ 27.34	\$ 3.15	98.75	\$ 205	\$ -	4.31	1.4%	\$ 92	\$ 171	\$ (79)	\$ -	\$ 126	\$ 1,723
2017	8	10	\$ 27.83	\$ 3.99	65.50	\$ 302	\$ -	1.79	0.5%	\$ 35	\$ 70	\$ (35)	\$ -	\$ 267	\$ 1,087
2017	8	11	\$ 29.92	\$ 5.28	18.76	\$ 110	\$ -	0.34	0.1%	\$ 8	\$ 13	\$ (5)	\$ -	\$ 104	\$ 1,434
2017	8	12	\$ 36.19	\$ 6.95	71.99	\$ 653	\$ 4	38.45	12.1%	\$ 1,176	\$ 1,517	\$ (341)	\$ -	\$ 312	\$ 1,060
2017	8	13	\$ 37.74	\$ 8.32	94.70	\$ 823	\$ -	9.06	3.1%	\$ 307	\$ 366	\$ (59)	\$ -	\$ 764	\$ (1,641)
2017	8	14	\$ 38.83	\$ 10.60	58.17	\$ 646	\$ 3	9.75	1.9%	\$ 325	\$ 380	\$ (55)	\$ -	\$ 591	\$ 2,118
2017	8	15	\$ 40.11	\$ 15.34	196.18	\$ 2,319	\$ 12	34.89	6.3%	\$ 791	\$ 1,386	\$ (594)	\$ -	\$ 1,725	\$ 3,193
2017	8	16	\$ 57.39	\$ 24.75	100.88	\$ 1,153	\$ 2	2.87	1.2%	\$ 76	\$ 117	\$ (40)	\$ -	\$ 1,113	\$ (3,769)
2017	8	17	\$ 66.56	\$ 37.85	174.93	\$ 2,140	\$ 0	1.30	0.5%	\$ 41	\$ 51	\$ (10)	\$ -	\$ 2,130	\$ (1,105)
2017	8	18	\$ 37.73	\$ 57.08	100.88	\$ 1,134	\$ 0	1.24	0.4%	\$ 54	\$ 48	\$ 6	\$ -	\$ 1,140	\$ 2,874
2017	8	19	\$ 79.19	\$ 90.24	19.95	\$ 302	\$ 6	8.93	3.1%	\$ 395	\$ 342	\$ 53	\$ -	\$ 355	\$ (2,298)
2017	8	20	\$ 46.44	\$ 86.26	12.16	\$ 282	\$ 0	1.60	0.5%	\$ 69	\$ 61	\$ 8	\$ -	\$ 290	\$ 1,513
2017	8	21	\$ 40.42	\$ 26.54	12.16	\$ 172	\$ -	0.22	0.0%	\$ 8	\$ 9	\$ (0)	\$ -	\$ 172	\$ 3,164
2017	8	22	\$ 35.56	\$ 13.40	206.77	\$ 2,888	\$ 2	12.95	1.6%	\$ 382	\$ 527	\$ (145)	\$ -	\$ 2,743	\$ 6,161
2017	8	23	\$ 30.77	\$ 7.37	0.00	\$ -	\$ -	0.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 377
2017	8	24	\$ 25.92	\$ 5.40	97.11	\$ 485	\$ -	8.05	14.2%	\$ 183	\$ 316	\$ (132)	\$ -	\$ 353	\$ 626
			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
			\$ 76.88	\$ 9.05	1547.63	\$ 14,010	\$ 30	139.49	9.0%	\$ 4,031	\$ 5,527	\$ (1,496)	\$ -	\$ 12,514	\$ 20,086