

## DOCKETED

<b>Docket Number:</b>	01-AFC-24C
<b>Project Title:</b>	Palomar Energy Project Compliance
<b>TN #:</b>	202947
<b>Document Title:</b>	Turbine 1 CEMS Startup Data 2011-2013
<b>Description:</b>	N/A
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<b>Submitter Role:</b>	Commission Staff
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<b>Docketed Date:</b>	8/19/2014

Turbine 1

CeDAR 1-Hour Data

Data for 1/1/2011 thru 12/31/2011

Timestamp	Process Code	NOx lbs 1-Hr	Gas On-Time	NOx lbs/hr
3/24/2011 6:00	3	4.6	0.12	38
3/24/2011 11:00	3	9.6	0.15	64
3/24/2011 12:00	3	101.7	1.00	102
3/24/2011 13:00	3	31.6	1.00	32
3/24/2011 14:00	3	27.6	1.00	28
3/24/2011 15:00	3	27.7	1.00	28
3/24/2011 16:00	3	31.5	1.00	32
3/24/2011 17:00	3	12.3	0.35	35
3/24/2011 18:00	3	18.6	1.00	19
3/25/2011 19:00	3	63.8	0.63	101
3/25/2011 20:00	3	10.4	1.00	10
4/6/2011 18:00	3	36.1	0.48	75
4/6/2011 19:00	3	41.3	1.00	41
4/14/2011 17:00	3	101.2	0.82	123
4/14/2011 18:00	3	65.8	1.00	66
4/14/2011 19:00	3	43.0	1.00	43
4/14/2011 20:00	3	16.1	1.00	16
4/16/2011 4:00	3	25.3	0.65	39
4/17/2011 4:00	3	27.9	0.38	73
4/17/2011 5:00	3	14.4	1.00	14
4/25/2011 5:00	3	32.6	0.82	40
4/25/2011 16:00	3	17.0	0.80	21
4/25/2011 23:00	3	8.3	0.30	28
4/26/2011 0:00	3	5.9	0.35	17
4/26/2011 1:00	3	6.3	1.00	6
4/28/2011 5:00	3	33.6	0.80	42
4/29/2011 14:00	3	54.0	0.98	55
4/30/2011 6:00	3	19.0	0.55	35
4/30/2011 7:00	3	6.2	1.00	6
5/1/2011 8:00	3	30.1	0.83	36
5/2/2011 5:00	3	26.0	0.80	33
5/20/2011 15:00	3	100.0	0.92	109
5/20/2011 16:00	3	93.5	1.00	94
5/20/2011 17:00	3	25.1	1.00	25
5/20/2011 18:00	3	22.2	1.00	22
5/20/2011 19:00	3	28.6	1.00	29
5/20/2011 20:00	3	14.2	1.00	14
5/21/2011 9:00	3	17.0	0.27	63
5/21/2011 10:00	3	27.2	1.00	27
5/23/2011 6:00	3	39.3	0.47	84
5/23/2011 7:00	3	27.1	1.00	27
5/23/2011 15:00	3	0.7	0.47	1

5/24/2011 7:00	3	23.3	0.55	42
5/25/2011 3:00	3	23.6	0.60	39
5/27/2011 8:00	3	25.0	0.38	66
5/27/2011 9:00	3	5.4	1.00	5
5/31/2011 3:00	3	121.1	0.97	125
5/31/2011 4:00	3	32.6	1.00	33
5/31/2011 5:00	3	35.0	1.00	35
5/31/2011 6:00	3	12.1	1.00	12
6/1/2011 7:00	3	29.8	0.85	35
6/11/2011 13:00	3	1.4	0.05	28
6/11/2011 21:00	3	67.2	0.80	84
6/11/2011 22:00	3	8.8	1.00	9
6/20/2011 5:00	3	17.0	0.80	21
6/23/2011 8:00	3	26.6	0.82	32
6/28/2011 4:00	3	21.6	0.80	27
7/1/2011 5:00	3	18.9	0.23	82
7/1/2011 6:00	3	11.1	1.00	11
7/2/2011 8:00	3	21.9	0.80	27
7/3/2011 7:00	3	21.3	0.33	65
7/3/2011 8:00	3	5.0	1.00	5
7/8/2011 12:00	3	52.3	0.52	101
7/8/2011 13:00	3	36.2	1.00	36
7/9/2011 9:00	3	26.0	0.82	32
7/11/2011 3:00	3	20.7	0.35	59
7/11/2011 4:00	3	4.8	1.00	5
7/15/2011 5:00	3	21.0	0.80	26
7/17/2011 7:00	3	19.9	0.28	71
7/17/2011 8:00	3	11.8	1.00	12
7/19/2011 7:00	3	21.5	0.83	26
7/20/2011 5:00	3	24.9	0.93	27
7/21/2011 7:00	3	39.5	0.82	48
7/21/2011 8:00	3	14.0	1.00	14
7/21/2011 9:00	3	5.0	1.00	5
7/22/2011 5:00	3	23.3	0.57	41
7/23/2011 5:00	3	25.6	0.77	33
7/24/2011 10:00	3	37.4	0.80	47
7/24/2011 11:00	3	5.3	1.00	5
8/14/2011 15:00	3	69.1	0.78	89
8/14/2011 16:00	3	44.6	1.00	45
8/30/2011 5:00	3	22.5	0.38	59
8/30/2011 6:00	3	5.6	1.00	6
9/1/2011 7:00	3	0.0	0.02	0
9/1/2011 8:00	3	28.4	1.00	28
9/2/2011 7:00	3	26.2	0.80	33
9/4/2011 10:00	3	34.8	0.82	42
9/5/2011 7:00	3	22.3	0.40	56
9/5/2011 8:00	3	5.4	1.00	5

9/6/2011 4:00	3	19.8	0.32	62
9/6/2011 5:00	3	5.0	1.00	5
9/7/2011 3:00	3	20.8	0.67	31
9/8/2011 22:00	3	31.6	0.33	96
9/8/2011 23:00	3	45.4	1.00	45
9/10/2011 13:00	3	1.2	0.08	15
9/10/2011 14:00	3	18.6	1.00	19
9/11/2011 10:00	3	37.9	0.82	46
9/13/2011 6:00	3	29.2	0.43	68
9/13/2011 7:00	3	6.3	1.00	6
9/14/2011 15:00	3	16.3	0.85	19
9/15/2011 9:00	3	40.5	0.93	44
9/17/2011 5:00	3	67.9	0.98	69
9/20/2011 7:00	3	29.5	0.80	37
9/22/2011 7:00	3	25.5	0.82	31
9/26/2011 4:00	3	75.1	0.98	77
9/27/2011 2:00	3	24.4	0.62	39
10/4/2011 3:00	3	18.6	0.33	56
10/4/2011 4:00	3	5.4	1.00	5
10/7/2011 23:00	3	89.8	0.80	112
10/8/2011 0:00	3	58.5	1.00	59
10/8/2011 1:00	3	33.6	1.00	34
10/8/2011 2:00	3	22.7	1.00	23
10/9/2011 16:00	3	31.6	0.28	113
10/9/2011 17:00	3	11.3	1.00	11
10/13/2011 4:00	3	25.8	0.82	31
10/14/2011 6:00	3	22.6	0.48	47
10/17/2011 6:00	3	53.0	0.93	57
10/31/2011 9:00	3	30.4	0.33	92
10/31/2011 10:00	3	7.9	1.00	8
11/5/2011 3:00	3	21.5	0.27	80
11/5/2011 4:00	3	3.6	1.00	4
11/8/2011 20:00	3	51.2	0.78	66
11/8/2011 21:00	3	5.3	1.00	5
11/10/2011 11:00	3	35.8	0.87	41
11/11/2011 16:00	3	39.7	0.87	46
11/15/2011 0:00	3	9.4	0.13	72
11/15/2011 1:00	3	36.7	1.00	37
11/18/2011 11:00	3	20.1	0.25	80
11/18/2011 12:00	3	19.6	1.00	20
11/28/2011 10:00	3	14.7	0.35	42
11/28/2011 11:00	3	4.2	1.00	4
12/10/2011 15:00	3	43.6	0.87	50
12/12/2011 12:00	3	41.0	0.80	51
12/14/2011 4:00	3	24.7	0.85	29
12/15/2011 5:00	3	34.3	0.85	40
12/27/2011 5:00	3	99.3	0.82	121

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12/27/2011 6:00	3	22.5	1.00	23
12/28/2011 5:00	3	28.5	0.82	35

## Turbine 1

## CeDAR 1-Hour Data

Data for 1/1/2012 thru 12/31/2012

Timestamp	Process Code	NOx lbs 1-Hr	CT Gas On-Time	NOx lbs/hr
1/1/2012 15:00	3	41.2	0.35	118
1/1/2012 16:00	3	77.3	1.00	77
1/9/2012 3:00	3	2.0	0.05	40
1/9/2012 4:00	3	119.5	1.00	120
1/9/2012 5:00	3	13.7	1.00	14
3/31/2012 7:00	3	7.6	0.33	23
3/31/2012 8:00	3	24.7	1.00	25
3/31/2012 9:00	3	27.8	1.00	28
3/31/2012 10:00	3	11.7	1.00	12
3/31/2012 11:00	3	7.9	0.87	9
3/31/2012 21:00	3	11.5	0.17	68
3/31/2012 22:00	3	22.6	1.00	23
5/16/2012 4:00	3	92.3	0.88	105
5/16/2012 5:00	3	18.6	1.00	19
6/12/2012 4:00	3	25.2	0.32	79
6/12/2012 5:00	3	55.7	1.00	56
6/13/2012 4:00	3	18.3	0.33	55
6/13/2012 5:00	3	5.2	1.00	5
6/14/2012 2:00	3	19.0	0.40	48
6/18/2012 7:00	3	5.9	0.93	6
6/26/2012 7:00	3	27.0	0.83	33
6/27/2012 5:00	3	16.8	0.23	73
6/27/2012 6:00	3	8.8	1.00	9
6/28/2012 8:00	3	20.5	0.57	36
6/29/2012 8:00	3	22.1	0.28	79
6/29/2012 9:00	3	5.7	1.00	6
6/30/2012 9:00	3	27.1	0.87	31
7/1/2012 8:00	3	28.6	0.87	33
7/2/2012 7:00	3	31.4	0.90	35
7/3/2012 7:00	3	37.3	0.83	45
7/4/2012 7:00	3	29.9	0.93	32
7/4/2012 8:00	3	21.2	1.00	21
7/5/2012 7:00	3	26.4	0.78	34
7/6/2012 8:00	3	22.7	0.53	43
7/7/2012 8:00	3	24.8	0.85	29
7/8/2012 10:00	3	36.9	0.98	38
7/18/2012 7:00	3	24.7	0.87	28
7/19/2012 4:00	3	24.6	0.82	30
7/20/2012 4:00	3	0.3	0.05	6
7/20/2012 5:00	3	26.0	1.00	26
7/24/2012 5:00	3	18.8	0.38	49
7/25/2012 5:00	3	18.8	0.38	49

7/26/2012 7:00	3	2.2	0.08	28
7/26/2012 8:00	3	24.1	1.00	24
7/29/2012 8:00	3	11.9	0.18	66
7/29/2012 9:00	3	14.0	1.00	14
7/30/2012 7:00	3	24.0	0.87	28
8/1/2012 0:00	3	4.8	0.63	8
8/19/2012 7:00	3	37.0	0.37	100
8/19/2012 8:00	3	32.3	1.00	32
8/27/2012 6:00	3	4.7	0.08	59
8/27/2012 7:00	3	59.3	1.00	59
8/27/2012 8:00	3	8.6	1.00	9
9/29/2012 11:00	3	9.2	0.17	54
9/29/2012 12:00	3	101.4	1.00	101
9/29/2012 13:00	3	28.1	1.00	28
9/29/2012 14:00	3	28.6	1.00	29
9/29/2012 15:00	3	8.0	1.00	8
9/30/2012 4:00	3	26.8	0.33	81
9/30/2012 5:00	3	3.1	1.00	3
10/3/2012 4:00	3	19.7	0.87	23
12/26/2012 14:00	3	14.3	0.20	72
12/26/2012 15:00	3	24.5	1.00	25

Turbine 1

CeDAR 1-Hour Data

Data for 1/1/2013 thru 12/31/2013

Timestamp	Process Code	NOx lbs 1-Hr	CT Gas On-Time	NOx lbs/hr
1/10/2013 16:00	3	0.8	0.03	27
1/11/2013 4:00	3	24.3	0.25	97
1/11/2013 5:00	3	44.1	1.00	44
2/10/2013 16:00	3	67.9	0.83	82
4/21/2013 13:00	3	14	0.22	64
4/21/2013 14:00	3	15.6	0.18	87
4/22/2013 5:00	3	76.1	0.75	101
4/22/2013 6:00	3	50.4	1.00	50
4/22/2013 7:00	3	19.0	1.00	19
4/22/2013 8:00	3	24.4	1.00	24
4/22/2013 9:00	3	8.1	1.00	8
4/23/2013 1:00	3	10.3	0.17	61
4/23/2013 2:00	3	7.6	1.00	8
5/10/2013 3:00	3	5.9	0.15	39
5/10/2013 4:00	3	19.7	1.00	20
5/12/2013 9:00	3	24.4	0.70	35
5/13/2013 3:00	3	24.9	0.40	62
5/13/2013 4:00	3	4.7	1.00	5
5/27/2013 8:00	3	60.2	0.58	104
5/27/2013 9:00	3	36.9	1.00	37
6/8/2013 9:00	3	24.3	0.73	33
6/9/2013 9:00	3	0	0.02	0
6/9/2013 10:00	3	25.0	1.00	25
6/10/2013 5:00	3	11.7	0.18	65
6/10/2013 6:00	3	9.2	1.00	9
6/16/2013 8:00	3	19.3	0.18	107
6/16/2013 9:00	3	62.5	1.00	63
6/23/2013 10:00	3	21.3	0.30	71
6/23/2013 11:00	3	17.8	1.00	18
7/7/2013 9:00	3	2.2	0.1	22
7/7/2013 10:00	3	21.0	1.00	21
8/17/2013 17:00	3	35.5	0.53	67
8/17/2013 18:00	3	9.4	1.00	9
8/28/2013 2:00	3	36.2	0.92	39
8/28/2013 6:00	3	19.1	0.58	33
8/28/2013 9:00	3	5.2	0.27	19
8/28/2013 10:00	3	2.8	0.32	9
8/28/2013 20:00	3	28.1	0.88	32
9/22/2013 8:00	3	20.0	0.72	28
9/22/2013 9:00	3	31.4	1.00	31
11/16/2013 15:00	3	36.3	0.38	96
11/16/2013 16:00	3	29.9	1.00	30



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11/19/2013 11:00	3	24.6	0.75	33
12/9/2013 14:00	3	8.7	0.13	67
12/9/2013 15:00	3	16.2	1.00	16