



**Pacific Gas and  
Electric Company**

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February 10, 2011

Mr. Honesto Gatchalian  
California Public Utilities Commission  
Energy Division  
Tariff Files, Room 4005  
DMS Branch  
505 Van Ness Avenue  
San Francisco, CA 94102

**Re: Substitute Sheets for Advice 3583-E-A**

Dear Mr. Gatchalian:

Enclosed are an original and 4 copies of substitute sheets for Advice 3583-E-A, "Supplemental Filing for the Contracts for Procurement of Renewable Energy Resulting from Power Purchase Agreements Between Shell Energy North America (US), L.P. and Pacific Gas and Electric Company"

Attachment A, "Supplemental TREC Analysis" inadvertently redacted public information. PG&E corrects the redactions and re-submits the public version of "Supplemental TREC Analysis" as substitute sheets to Advice Letter 3583-E-A.

Please telephone me at (415) 973-4612 should you have any questions regarding the substitute sheets.

**Linda Tom-Martinez**  
Operations Proceedings

cc: Service List for R.08-08-009  
Service List for R.06-02-012  
Service List for R.08-02-007  
Paul Douglas – Energy Division  
Sean Simon – Energy Division  
Niki Bawa – Energy Division

Attachments

**Pacific Gas and Electric Company  
Advice Letter 3583-E-A, Appendix A  
Project(s) Contribution to TREC Usage Cap<sup>1</sup>**

<b>Project Name/Facility Name</b>	Shell Energy North America (US), L.P./Big Horn II Shell Energy North America (US), L.P./Combine Hills II Shell Energy North America (US), L.P./Wheat Field
<b>Project's facility status</b>	Facility/facilities entered commercial operation on or after January 1, 2005

<b>All facilities under contract with PG&amp;E as REC only transactions</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
RPS Goal/APT (GWh)	15,361			
TREC usage cap (GWh)	3,840			
TREC deliveries from Project (GWh)	512	418	0	0
TREC deliveries from Project (as a percentage of TREC cap)	13.3%			
TREC deliveries from other facilities under contract (GWh) <sup>2</sup>	2,206	3,993	2,716	3,068
TREC deliveries from other facilities under contract (as a percentage of TREC cap) <sup>2</sup>	57.5%			
Total TREC deliveries including Project (GWh) <sup>2</sup>	2,719	4,411	2,716	3,068
Total TREC deliveries including Project (as a percentage of TREC cap) <sup>2</sup>	70.8%			
TREC headroom (exceeds cap) (GWh) <sup>3</sup>	1,122			

<b>TREC online facilities<sup>4</sup></b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
TREC deliveries from online facilities (GWh) <sup>2</sup>	2,060	3,411	1,353	695
Total TREC deliveries from online facilities (as a percentage of TREC cap) <sup>2</sup>	53.7%			

<b>TREC not online facilities<sup>5</sup></b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
TREC deliveries from not online facilities (GWh)	658	1,000	1,363	2,373
Total TREC deliveries from not online facilities (as a percentage of TREC cap)	17.1%			

**Footnotes:**

<sup>1</sup> Deliveries only shown for 2010 through 2013, as applicable TREC usage cap only applies to these years.

<sup>2</sup> For contracts that have been redefined as REC-only contracts by Decision 10-03-021 (REC decision), estimated deliveries from January 1, 2010 to March 11, 2010 are excluded from the totals because prior to the effectiveness of the REC decision, they are counted as a bundled contract.

<sup>3</sup> This table assumes that earmarked TRECs are used for compliance in the year they are delivered. PG&E reserves the right to apply TRECs toward any applicable cap in any year in which they are actually used for RPS compliance, including, if appropriate, the year in which they were earmarked. Such changes could alter the headroom calculations presented above. Additionally, TRECs above the cap in any year may be earmarked to prior years, or banked for future years.

<sup>4</sup> Facilities delivering or contractually obligated to deliver to PG&E pursuant to executed contracts in which the facility was already online as of the execution date of its associated contract.

<sup>5</sup> Facilities delivering or contractually obligated to deliver to PG&E pursuant to executed contracts in which the facility was not yet online as of the execution date of its associated contract.

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**Pacific Gas and Electric Company**  
**Workpapers Supporting Advice Letter 3583-E-A**  
**Detailed Project Information**

	Project Name/Facility Name	Facility(s) Online/Not Online (at time of execution of contract)	Execution Date	Facility COD per PPA	Deliveries per Contract Quantity Provision in PPA (MWh)			
					2010	2011	2012	2013
1	Arlington Wind Power Project LLC*	Not Online	5/28/2008	12/26/2008	193,778	239,999	240,657	239,999
2	El Dorado Solar (Sempra)*	Not Online	12/19/2008	1/1/2009	18,175	22,854	22,671	22,490
3	Barclays Bank PLC/Hay Canyon Wind	Online	1/15/2010	2/13/2009	250,000	250,000	0	0
4	Barclays Bank PLC/Nine Canyon Wind	Online	2/16/2010	5/1/2008	36,625	30,750	0	0
5	Blackspring Ridge IA Wind Project LP	Not Online	2/19/2010	12/31/2012	0	0	0	445,000
6	Blackspring Ridge IB Wind Project LP	Not Online	2/19/2010	12/31/2012	0	0	0	445,000
7	Halkirk I Wind Project LP	Not Online	2/19/2010	12/31/2011	0	0	362,462	484,000
8	Klondike III Wind Power, LLC*	Not Online	6/26/2007	11/1/2007	222,544	264,864	265,368	264,864
9	Klondike Wind Power IIIA, LLC and Bonneville Power Administration*	Online	8/11/2008	Existing facility and expansion project were operational at time of contract execution.	193,803	265,000	265,726	265,000
10	Pacificorp (2010 portion)*	Online	9/15/2009	8 facilities, all online as of contract execution	484,779	0	0	0
11	Pacificorp (2011 portion)	Online	9/15/2009	8 facilities, all online as of contract execution	0	655,000	0	0
12	Pacificorp (2012 portion)	Online	9/15/2009	8 facilities, all online as of contract execution	0	0	657,000	0
13	Powerex Corp.	Online	12/18/2009	Multiple facilities with online/not-online status unknown for each facility as of contract execution.	0	330,000	330,000	330,000
14	Puget Sound Energy, Inc.	Online	4/10/2009	2 facilities, both online as of execution.	0	1,000,000	0	0
15	Shell Energy North America (US), L.P./White Creek (2010 portion)	Online	5/22/2009	8/24/2007	52,000	0	0	0
16	Shell Energy North America (US), L.P./White Creek (2011 portion)	Online	5/22/2009	8/24/2007	0	52,000	0	0
17	Shell Energy North America (US), L.P./Big Horn	Online	5/22/2009	2/1/2006	75,000	0	0	0
18	Shell Energy North America (US), L.P./Big Horn II	Online	12/22/2009	2/1/2006	96,678	0	0	0
19	Shell Energy North America (US), L.P./Combine Hills II	Online	12/22/2009	12/21/2009	161,791	163,000	0	0
20	Shell Energy North America (US), L.P./Wheat Field	Online	12/22/2009	4/1/2009	253,790	255,000	0	0
21	Shell Energy North America (US), L.P./Harvest Wind I	Online	1/29/2010	12/1/2009	74,000	74,000	0	0
22	Shell Energy North America (US), L.P./Harvest Wind II	Online	1/29/2010	12/1/2009	40,000	0	0	0
23	Shell Energy North America (US), L.P./White Creek II	Online	1/29/2010	8/24/2007	176,283	171,000	0	0
24	Shell Energy North America (US), L.P./White Creek III	Online	1/29/2010	8/24/2007	65,700	65,700	0	0
25	Sierra Pacific Industries	Online	9/23/2009	multiple facilities, all online as of contract execution	100,000	100,000	100,000	100,000
26	Solar Partners XII, LLC/BrightSource III	Not Online	3/25/2008	7/1/2014	0	0	0	0
27	Solar Partners XIV, LLC/BrightSource IV	Not Online	3/25/2008	7/1/2015	0	0	0	0
28	TransAlta Corporation	Not Online	9/15/2009	3/31/2010	195,000	195,000	195,000	195,000
29	Vantage Wind Energy LLC	Not Online	8/17/2009	10/4/2010	28,716	277,000	277,000	277,000

**Notes:**

Projects in bold are the subject of this advice letter.

\*Indicates that for 2010, deliveries between January 1, 2010 and March 11, 2010 are not counted as TREC purchases and are therefore not included in this table.

**Facility Status (for menu items only)**

Facility/facilities entered commercial operation before January 1, 2005

Facility/facilities entered commercial operation on or after January 1, 2005

Facility/facilities not in commercial operation at the time the contract was signed