

**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	{Redacted}		
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%	{Redacted}		
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%	{Redacted}		
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%	{Redacted}		
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%	{Redacted}		

<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%	{Redacted}		

**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.

**ENTIRE TABLE IS CONFIDENTIAL AND PROTECTED INFORMATION  
SUBMITTED PURSUANT TO D.06-06-066, APPENDIX 1**

**Pacific Gas and Electric Company  
Advice Letter 3583-E-A, Appendix A  
Project(s) Green Attribute Price Comparison**

<b>Project Name/Facility Name</b>	{Redacted}
<b>Project's facility status</b>	

<b>Comparison of Project vs facilities online as of contract execution 1, 4</b>	
<b>Project Name/Facility Name</b>	<b>Green Attribute Price (\$/MWh) 3</b>
{Redacted}	{Redacted}

<b>Comparison of Project vs facilities not online as of contract execution 2</b>	
<b>Project Name/Facility Name</b>	<b>Green Attribute Price (\$/MWh) 3</b>
{Redacted}	{Redacted}

**Footnotes:**

{Redacted}
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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	CPUC Approval 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	05/28/2008	11/21/2008	12/26/2008	193,778	239,999	240,657	239,999
2 El Dorado Solar (Semptra)*	Not Online	12/19/2008		01/1/2009	18,175	22,854	22,671	22,490
3 Barclays Bank PLC/Hay Canyon Wind	Online	01/15/2010		2/13/2009	250,000	250,000	0	0
4 Barclays Bank PLC/Nine Canyon Wind	Online	02/16/2010		05/1/2008	36,625	30,750	0	0
5 Blackspring Ridge IA Wind Project LP	Not Online	02/19/2010		12/31/2012	0	0	0	445,000
6 Blackspring Ridge IB Wind Project LP	Not Online	02/19/2010		12/31/2012	0	0	0	445,000
7 Halkirk I Wind Project LP	Not Online	02/19/2010		12/31/2011	0	0	362,462	484,000
8 Klondike III Wind Power, LLC*	Not Online	06/26/2007		11/1/2007	222,544	264,864	265,368	264,864
9 Klondike Wind Power IIIA, LLC and Bonneville Power Administration*	Online	08/11/2008	12/18/2008	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	09/15/2009	11/20/2009	8 facilities, all online as of contract execution	484,779	0	0	0
11 PacifiCorp (2011 portion)	Online	09/15/2009	11/20/2009	8 facilities, all online as of contract execution	0	655,000	0	0
12 PacifiCorp (2012 portion)	Online	09/15/2009	11/20/2009	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	04/10/2009	10/15/2009	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	05/22/2009	12/3/2009	08/24/2007	52,000	0	0	0
16 Shell Energy North America (US), L.P./White Creek (2011 portion)	Online	05/22/2009	12/3/2009	08/24/2007	0	52,000	0	0
17 Shell Energy North America (US), L.P./Big Horn	Online	05/22/2009	12/3/2009	02/1/2006	75,000	0	0	0
18 <b>Shell Energy North America (US), L.P./Big Horn II</b>	<b>Online</b>	<b>12/22/2009</b>		<b>02/1/2006</b>	<b>96,678</b>	<b>0</b>	<b>0</b>	<b>0</b>
19 <b>Shell Energy North America (US), L.P./Combine Hills II</b>	<b>Online</b>	<b>12/22/2009</b>		<b>12/21/2009</b>	<b>161,791</b>	<b>163,000</b>	<b>0</b>	<b>0</b>
20 <b>Shell Energy North America (US), L.P./Wheat Field</b>	<b>Online</b>	<b>12/22/2009</b>		<b>4/1/2009</b>	<b>253,790</b>	<b>255,000</b>	<b>0</b>	<b>0</b>
21 Shell Energy North America (US), L.P./Harvest Wind I	Online	01/29/2010		12/1/2009	74,000	74,000	0	0
22 Shell Energy North America (US), L.P./Harvest Wind II	Online	01/29/2010		12/1/2009	40,000	0	0	0
23 Shell Energy North America (US), L.P./White Creek II	Online	01/29/2010		08/24/2007	176,283	171,000	0	0
24 Shell Energy North America (US), L.P./White Creek III	Online	01/29/2010		08/24/2007	65,700	65,700	0	0
25 Sierra Pacific Industries	Online	09/23/2009		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	03/25/2008	09/24/2009	07/1/2014	0	0	0	0
27 Solar Partners XIV, LLC/BrightSource IV	Not Online	03/25/2008	09/24/2009	07/1/2015	0	0	0	0
28 TransAlta Corporation	Not Online	09/15/2009		03/31/2010	195,000	195,000	195,000	195,000
29 Vantage Wind Energy LLC	Not Online	08/17/2009	05/1/2010	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



