

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Continue

Implementation and Administration of California

Renewables Portfolio Standard Program.

Rulemaking 11-05-005
(Filed May 10, 2011)

Direct Energy Business, LLC

PROVISIONAL CLOSING REPORT FOR CALIFORNIA

RENEWABLES PORTFOLIO STANDARD 20% PROGRAM

22-Jan-14

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RPS 20% Closing Report: Accounting

Direct Energy Business, LLC

22-Jan-14

Line#	RPS Baseline Calculation	(MWh)
1	2001 Total Retail Sales	1,314,520
2	2001 RPS Eligible Procurement	0
3	2005 Total Retail Sales	5,235,220
4	2005 Baseline Procurement Amount	0

	Input Required
	Forecasted Data
	Actual Data

		Actual							
RPS Procurement and Targets (MWh)		2003	2004	2005	2006	2007	2008	2009	2010
5	Bundled Retail Sales	N/A	N/A	5,235,220	5,173,971	3,943,615	3,566,055	2,946,270	2,747,200
6	Total RPS Eligible Procurement	N/A	N/A	0	54,030	338,989	13,527	374,333	373,744
7	Annual Procurement Target (APT)	N/A	N/A	0	52,352	104,092	143,528	179,189	549,440
8	Incremental Procurement Target (IPT)	N/A	N/A	N/A	52,352	51,740	39,436	35,661	370,251
9	Preliminary Procurement Surplus/(Deficit)	N/A	N/A	0	1,678	234,897	(130,001)	195,144	(175,696)
10	Actual Procurement Percentage	N/A	N/A	0.0%	1.0%	6.6%	0.3%	10.5%	13.6%

		Actual							
Bundled Surplus Procurement Bank		2003	2004	2005	2006	2007	2008	2009	2010
11	Surplus Procurement Bank Balance as of Prior Year	N/A	N/A	0	0	1,678	236,575	106,574	301,718
12	Application of Banked Surplus Procurement to Current Year Deficit	N/A	N/A	0	0	0	(130,001)	0	(175,696)
13	Cumulative Surplus Procurement Bank Balance	N/A	N/A	0	1,678	236,575	106,574	301,718	126,022

		Actual							
TREC Surplus Procurement Bank		2003	2004	2005	2006	2007	2008	2009	2010
14	Cumulative Surplus Procurement Bank Balance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0

	Surplus/(Deficit) for RPS Compliance Years, Prior to 2011	Is Retail Seller's 2010 RPS Eligible Procurement Percentage 14% of 2010 Retail Sales?	Surplus/(Deficit) Carried Forward
15	126,022	NO	126,022

Provisional RPS 20% Closing Report: Procurement Detail

	Input Required
	Forecasted Data
	Actual Data

Cred Energy Services, LLC
13 Dec 13

Procurement Summary	Actual MWh								
	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total RPS Eligible Procurement	0	0	0	54,030	338,969	15,527	374,333	375,714	375,714
Total Bundled Procurement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	375,714
TRECs Executed Prior to January, 2013	0	0	0	0	0	0	0	0	0
TREC Limit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	137,303
Amount above TREC Limit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	138,411
Existing and/or Signed Contracts	0	0	0	24,919	137,959	11,527	314,353	375,714	375,714
Annual Contracting Quota Requirement	N/A	N/A	N/A	N/A	12,935	N/A	3,915	N/A	N/A
RPS Contracts - long term and/or new facilities bundled	N/A	N/A	N/A	N/A	11,290	97,636	54,317	201,359	201,359
RPS Contracts - short term with existing facilities bundled	N/A	N/A	N/A	N/A	325,769	0	299,486	0	0
Short-term contracts with RPS in 2013	N/A	N/A	N/A	N/A	0	0	0	0	0
Current Year / Banded MWh Applied to Annual Quota	N/A	N/A	N/A	N/A	12,935	0	0	0	0
Cumulative Quota Contracting Quota Base	N/A	N/A	N/A	N/A	300	300	141,966	344,416	344,416
Minimum Annual Contracting Quota Shortfall	N/A	N/A	N/A	N/A	0	0	0	0	0

RPS-Eligible Procurement By Resource Type	2003	2004	2005	2006	2007	2008	2009	2010
Biomass	0	0	0	0	0	0	0	0
Digester Gas	0	0	0	0	0	0	0	0
Biogas	0	0	0	0	0	0	0	0
Landfill Gas	0	0	0	0	0	0	0	0
Mini-Combined Cycle	0	0	0	0	0	0	0	0
Wind-Sheet Piled	0	0	0	0	0	0	0	0
Gas/Parma	0	0	0	0	0	0	0	0
Small Hydro	0	0	0	54,030	338,969	0	173,965	149,652
Combined Hydro	0	0	0	0	0	0	31,000	0
Solar PV	0	0	0	0	0	0	0	0
Solar Thermal	0	0	0	0	0	0	0	0
Wind	0	0	0	0	0	11,007	329,991	224,812
Geothermal	0	0	0	0	0	0	0	0
Fuel Cells	0	0	0	0	0	0	0	0

TREC
The total amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period shall not exceed the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period plus the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period minus the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period. The amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period shall not exceed the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period plus the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period minus the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period. The amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period shall not exceed the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period plus the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period minus the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period.

Minimum Contracting Requirement:
Starting in 2003, RPS-eligible procurement shall be contracted for and/or signed for by the end of the reporting period plus the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period minus the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period. The amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period shall not exceed the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period plus the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period minus the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period. The amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period shall not exceed the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period plus the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period minus the amount of RPS-eligible procurement that has been contracted for and/or signed for by the end of the reporting period.

Contract Detail	Contract Status									Facility Status	Resource Type	TREC or Bundled	Contract Length Type	Contract Volume (MWh)	Contract Execution Date
	2003	2004	2005	2006	2007	2008	2009	2010	2011						
Pre-2003 Contracts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digester Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biogas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Landfill Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mini-Combined Cycle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind-Sheet Piled	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gas/Parma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Combined Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solar PV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solar Thermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Cells	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003 Contracts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004 Contracts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005 Contracts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006 Contracts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007 Contracts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008 Contracts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009 Contracts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010 Contracts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011 Contracts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**FINAL RPS 20% Closing Report:
CEC Interim Tracking System REC Retirements (2008-2010)**

Data Reported by:
Direct Energy Business, LLC
January 22, 2014

Input Required
 Information is Hard Coded (No Input Required)

Calculations for "Last Month to Retire REC" Column:
Pursuant to D.10(b) B21, as amended by D.11(b) B25, ordering paragraph 10) any REC retired before December 31, 2010 must be retired within the compliance year (inclusive of the year in which the electricity associated with the renewable energy credits was generated) after the electricity associated with the renewable energy credits was generated.
Pursuant to D.12(b) B38, ordering paragraph 23) any renewable energy credit retired for compliance prior to January 1, 2011 by a retail seller as defined in Public Utilities Code Section 99.12) must be retired within 36 months of the initial date of the associated generation.
Note:
Please create one energy combination of REC by vintage and REC retirement date. For example REC that have the same vintage are retired on two separate dates, please include one in per retirement date. Likewise if REC by different vintage are retired on 2008 and July 2009 are retired on the same date, please include one in per vintage.
Adding and/or deleting rows: The "15 REC R Retirements (2008-2010)" tab allows users to add or delete rows. Within the specified section, highlight the row(s) by selecting the excel row number(s) (right click and select "copy" / right click again and select "insert" row(s) cells).

CPUC ID	Facility Name	Fuel Type	RPS ID	Vintage Month/Year	Retirement Date ¹ (MM/DD/YYYY)	Last Month to Retire REC (Month/Year)	Do REC Retirements ^{2L} "Pass" or "Fail" ¹ Retirement Rules:	MWh REC Quantity ¹ Retired
	White Creek Wind 1	Wind	60721A	Jul-08	12/22/2008	Dec-2010	PASS	2471
	White Creek Wind 1	Wind	60721A	Jul-08	12/22/2008	Dec-2010	PASS	264
	White Creek Wind 1	Wind	60721A	Aug-08	12/22/2008	Dec-2010	PASS	2754
	White Creek Wind 1	Wind	60721A	Sep-08	12/22/2008	Dec-2010	PASS	1393
	White Creek Wind 1	Wind	60721A	Oct-08	12/22/2008	Dec-2010	PASS	1909
	White Creek Wind 1	Wind	60721A	Nov-08	12/22/2008	Dec-2010	PASS	2141
	White Creek Wind 1	Wind	60721A	Dec-08	12/22/2008	Dec-2010	PASS	2595
	White Creek Wind 1	Wind	60721A	Mar-09	2/11/2011	Feb-2011	PASS	7458
	White Creek Wind 1	Wind	60721A	Mar-09	2/11/2011	Feb-2011	PASS	1240
	White Creek Wind 1	Wind	60721A	Apr-09	2/11/2011	Mar-2011	PASS	8744
	White Creek Wind 1	Wind	60721A	Apr-09	2/11/2011	Mar-2011	PASS	1381
	White Creek Wind 1	Wind	60721A	May-09	2/11/2011	Apr-2011	PASS	10781
	White Creek Wind 1	Wind	60721A	May-09	2/11/2011	Apr-2011	PASS	1180
	White Creek Wind 1	Wind	60721A	Jun-09	2/11/2011	May-2011	PASS	12634
	White Creek Wind 1	Wind	60721A	Jun-09	2/11/2011	May-2011	PASS	4378
	White Creek Wind 1	Wind	60721A	Jun-09	2/11/2011	May-2011	PASS	11973
	White Creek Wind 1	Wind	60721A	Jun-09	2/11/2011	May-2011	PASS	1419
	White Creek Wind 1	Wind	60721A	Jun-09	2/11/2011	May-2011	PASS	2195
	White Creek Wind 1	Wind	60721A	Jul-09	2/11/2011	Jun-2011	PASS	1640
	White Creek Wind 1	Wind	60721A	Aug-09	2/11/2011	Jul-2011	PASS	1506
	White Creek Wind 1	Wind	60721A	Sep-09	2/11/2011	Aug-2011	PASS	577
	White Creek Wind 1	Wind	60721A	Oct-09	2/11/2011	Sep-2011	PASS	1140
	White Creek Wind 1	Wind	60721A	Nov-09	2/11/2011	Oct-2011	PASS	1346
	White Creek Wind 1	Wind	60721A	Dec-09	2/11/2011	Nov-2011	PASS	1458
	White Creek Wind 1	Wind	60721A	Jan-10	4/13/2011	Dec-2011	PASS	2288
	White Creek Wind 1	Wind	60721A	Feb-10	4/13/2011	Jan-2012	PASS	1109
	White Creek Wind 1	Wind	60721A	Mar-10	4/13/2011	Feb-2012	PASS	3158
	White Creek Wind 1	Wind	60721A	Apr-10	4/13/2011	Mar-2012	PASS	1084
	White Creek Wind 1	Wind	60721A	Apr-10	4/13/2011	Mar-2012	PASS	1402
	White Creek Wind 1	Wind	60721A	Apr-10	4/13/2011	Mar-2012	PASS	162
	White Creek Wind 1	Wind	60721A	May-09	4/13/2011	Apr-2012	PASS	2570
	White Creek Wind 1	Wind	60721A	Jun-09	4/13/2011	May-2012	PASS	2761
	White Creek Wind 1	Wind	60721A	Jan-09	4/13/2011	Dec-2011	PASS	2289
	White Creek Wind 1	Wind	60721A	Feb-09	4/13/2011	Jan-2012	PASS	1108
	White Creek Wind 1	Wind	60721A	Mar-09	4/13/2011	Feb-2012	PASS	741
	White Creek Wind 1	Wind	60721A	Mar-09	4/13/2011	Feb-2012	PASS	2417
	White Creek Wind 1	Wind	60721A	Apr-09	4/13/2011	Mar-2012	PASS	2648
	White Creek Wind 1	Wind	60721A	May-09	4/13/2011	Apr-2012	PASS	1052
	White Creek Wind 1	Wind	60721A	May-09	4/13/2011	Apr-2012	PASS	1361
	White Creek Wind 1	Wind	60721A	May-09	4/13/2011	Apr-2012	PASS	157
	White Creek Wind 1	Wind	60721A	Jun-09	4/13/2011	May-2012	PASS	1388
	White Creek Wind 1	Wind	60721A	Jun-09	4/13/2011	May-2012	PASS	1372
	Geysers Power Plant	Geothermal En	60113A	Aug-09	4/13/2011	Jul-2012	PASS	7440
	White Creek Wind 1	Wind	60721A	Jul-09	4/13/2011	Jun-2012	PASS	1131
	White Creek Wind 1	Wind	60721A	Jul-09	4/13/2011	Jun-2012	PASS	1843
	White Creek Wind 1	Wind	60721A	Jul-09	4/13/2011	Jun-2012	PASS	60
	White Creek Wind 1	Wind	60721A	Jul-09	4/13/2011	Jun-2012	PASS	944
	White Creek Wind 1	Wind	60721A	Jul-09	4/13/2011	Jun-2012	PASS	2135
	White Creek Wind 1	Wind	60721A	Jan-09	4/13/2011	Dec-2011	PASS	2294
	White Creek Wind 1	Wind	60721A	Feb-09	4/13/2011	Jan-2012	PASS	1118
	White Creek Wind 1	Wind	60721A	Mar-09	4/13/2011	Feb-2012	PASS	3160
	White Creek Wind 1	Wind	60721A	Apr-09	4/13/2011	Mar-2012	PASS	2649
	White Creek Wind 1	Wind	60721A	May-09	4/13/2011	Apr-2012	PASS	2571
	White Creek Wind 1	Wind	60721A	Jun-09	4/13/2011	May-2012	PASS	2762
	White Creek Wind 1	Wind	60721A	Jul-09	4/13/2011	Jun-2012	PASS	293
	El Nido Biomass Faci	Biomass	60473A	Feb-09	4/13/2011	Jan-2012	PASS	674
	El Nido Biomass Faci	Biomass	60473A	Jan-09	4/13/2011	Dec-2011	PASS	3063
	Wheat Field - Wheat	Wind	60750A	Apr-09	4/13/2011	Mar-2012	PASS	20686
	Wheat Field - Wheat	Wind	60750A	May-09	4/13/2011	Apr-2012	PASS	15363
	Wheat Field - Wheat	Wind	60750A	Jun-09	4/13/2011	May-2012	PASS	26895
	Wheat Field - Wheat	Wind	60750A	Jul-09	4/13/2011	Jun-2012	PASS	18817
	White Creek Wind 1	Wind	60721A	Aug-09	4/13/2011	Jul-2012	PASS	2782
	White Creek Wind 1	Wind	60721A	Aug-09	4/13/2011	Jul-2012	PASS	5665
	Geysers Power Plant	Geothermal En	60113A	Sep-09	4/13/2011	Aug-2012	PASS	14400
	Geysers Power Plant	Geothermal En	60113A	Sep-09	4/13/2011	Aug-2012	PASS	17564
	Geysers Power Plant	Geothermal En	60113A	Sep-09	4/13/2011	Aug-2012	PASS	14109
	Geysers Power Plant	Geothermal En	60113A	Sep-09	4/13/2011	Aug-2012	PASS	3960
	Geysers Power Plant	Geothermal En	60113A	Sep-09	4/13/2011	Aug-2012	PASS	243
	Wheat Field - Wheat	Wind	60750A	Aug-09	4/13/2011	Jul-2012	PASS	26317
	Geysers Power Plant	Geothermal En	60113A	Oct-09	4/13/2011	Sep-2012	PASS	18724
	White Creek Wind 1	Wind	60721A	Sep-09	4/13/2011	Aug-2012	PASS	2189
	White Creek Wind 1	Wind	60721A	Sep-09	4/13/2011	Aug-2012	PASS	4377
	Beardsley - Beardsley	Hydroelectric Wa	60072A	Sep-09	4/13/2011	Aug-2012	PASS	5267
	Tulloch - Tulloch	Hydroelectric Wa	60071A	Sep-09	4/13/2011	Aug-2012	PASS	11683
	Beardsley - Beardsley	Hydroelectric Wa	60072A	Oct-09	4/13/2011	Sep-2012	PASS	2988
	Tulloch - Tulloch	Hydroelectric Wa	60071A	Oct-09	4/13/2011	Sep-2012	PASS	6134
	White Creek Wind 1	Wind	60721A	Oct-09	4/13/2011	Sep-2012	PASS	4421
	White Creek Wind 1	Wind	60721A	Oct-09	4/13/2011	Sep-2012	PASS	2213
	Wheat Field - Wheat	Wind	60750A	Sep-09	4/13/2011	Aug-2012	PASS	18382
	Wheat Field - Wheat	Wind	60750A	Oct-09	4/13/2011	Sep-2012	PASS	16518
	Geysers Power Plant	Geothermal En	60113A	Nov-09	4/13/2011	Oct-2012	PASS	16467
	Geysers Power Plant	Geothermal En	60113A	Nov-09	4/13/2011	Oct-2012	PASS	1558
	White Creek Wind 1	Wind	60721A	Nov-09	4/13/2011	Oct-2012	PASS	2081
	White Creek Wind 1	Wind	60721A	Nov-09	4/13/2011	Oct-2012	PASS	4161
	Geysers Power Plant	Geothermal En	60113A	Dec-09	4/13/2011	Nov-2012	PASS	18600
	White Creek Wind 1	Wind	60721A	Dec-09	4/13/2011	Nov-2012	PASS	2023
	White Creek Wind 1	Wind	60721A	Dec-09	4/13/2011	Nov-2012	PASS	1012
	Beardsley - Beardsley	Hydroelectric Wa	60072A	Nov-09	4/13/2011	Oct-2012	PASS	1119
	Tulloch - Tulloch	Hydroelectric Wa	60071A	Nov-09	4/13/2011	Oct-2012	PASS	1768

Beardsley - Beardsley	Hydroelectric Wa	60072A	Dec-09	4/13/2011	Nov-2012	PASS	3699
Tulloch - Tulloch	Hydroelectric Wa	60071A	Dec-09	4/13/2011	Nov-2012	PASS	1157
White Creek Wind 1	Wind	60721A	Jan-09	4/13/2011	Dec-2011	PASS	1695
White Creek Wind 1	Wind	60721A	Jan-09	4/13/2011	Dec-2011	PASS	5114
White Creek Wind 1	Wind	60721A	Feb-09	4/13/2011	Jan-2012	PASS	3649
White Creek Wind 1	Wind	60721A	Feb-09	4/13/2011	Jan-2012	PASS	1
White Creek Wind 1	Wind	60721A	Mar-09	4/13/2011	Feb-2012	PASS	1673
White Creek Wind 1	Wind	60721A	Mar-09	4/13/2011	Feb-2012	PASS	7260
White Creek Wind 1	Wind	60721A	Mar-09	4/13/2011	Feb-2012	PASS	273
White Creek Wind 1	Wind	60721A	Mar-09	4/13/2011	Feb-2012	PASS	552
White Creek Wind 1	Wind	60721A	Apr-09	4/13/2011	Mar-2012	PASS	4993
White Creek Wind 1	Wind	60721A	Jan-10	5/26/2011	Dec-2012	PASS	823
White Creek Wind 1	Wind	60721A	Jan-10	5/26/2011	Dec-2012	PASS	502
White Creek Wind 1	Wind	60721A	Jan-10	5/26/2011	Dec-2012	PASS	229
White Creek Wind 1	Wind	60721A	Feb-10	5/26/2011	Jan-2013	PASS	785
White Creek Wind 1	Wind	60721A	Mar-10	5/26/2011	Feb-2013	PASS	2287
Beardsley - Beardsley	Hydroelectric Wa	60072A	Jan-10	5/26/2011	Dec-2012	PASS	1823
Tulloch - Tulloch	Hydroelectric Wa	60071A	Jan-10	5/26/2011	Dec-2012	PASS	1148
Beardsley - Beardsley	Hydroelectric Wa	60072A	Feb-10	5/26/2011	Jan-2013	PASS	738
Tulloch - Tulloch	Hydroelectric Wa	60071A	Feb-10	5/26/2011	Jan-2013	PASS	5160
Beardsley - Beardsley	Hydroelectric Wa	60072A	Mar-10	5/26/2011	Feb-2013	PASS	1405
Tulloch - Tulloch	Hydroelectric Wa	60071A	Mar-10	5/26/2011	Feb-2013	PASS	4977
White Creek Wind 1	Wind	60721A	Apr-10	5/26/2011	Mar-2013	PASS	2
White Creek Wind 1	Wind	60721A	Apr-10	5/26/2011	Mar-2013	PASS	6617
White Creek Wind 1	Wind	60721A	Apr-10	5/26/2011	Mar-2013	PASS	298
White Creek Wind 1	Wind	60721A	Apr-10	5/26/2011	Mar-2013	PASS	3309
White Creek Wind 1	Wind	60721A	May-10	5/26/2011	Apr-2013	PASS	1178
White Creek Wind 1	Wind	60721A	May-10	5/26/2011	Apr-2013	PASS	1460
White Creek Wind 1	Wind	60721A	May-10	5/26/2011	Apr-2013	PASS	240
White Creek Wind 1	Wind	60721A	May-10	5/26/2011	Apr-2013	PASS	2878
White Creek Wind 1	Wind	60721A	May-10	5/26/2011	Apr-2013	PASS	2893
Beardsley - Beardsley	Hydroelectric Wa	60072A	Apr-10	5/26/2011	Mar-2013	PASS	2450
Tulloch - Tulloch	Hydroelectric Wa	60071A	Apr-10	5/26/2011	Mar-2013	PASS	10771
Beardsley - Beardsley	Hydroelectric Wa	60072A	May-10	5/26/2011	Apr-2013	PASS	6151
Tulloch - Tulloch	Hydroelectric Wa	60071A	May-10	5/26/2011	Apr-2013	PASS	12672
Beardsley - Beardsley	Hydroelectric Wa	60072A	Jun-10	5/26/2011	May-2013	PASS	8086
Tulloch - Tulloch	Hydroelectric Wa	60071A	Jun-10	5/26/2011	May-2013	PASS	12033
White Creek Wind 1	Wind	60721A	Jun-10	5/26/2011	May-2013	PASS	2912
White Creek Wind 1	Wind	60721A	Jun-10	5/26/2011	May-2013	PASS	698
White Creek Wind 1	Wind	60721A	Jun-10	5/26/2011	May-2013	PASS	5142
White Creek Wind 1	Wind	60721A	Mar-10	5/26/2011	Feb-2013	PASS	140
White Creek Wind 1	Wind	60721A	Mar-10	5/26/2011	Feb-2013	PASS	1211
White Creek Wind 1	Wind	60721A	Mar-10	5/26/2011	Feb-2013	PASS	936
White Creek Wind 1	Wind	60721A	Mar-10	5/26/2011	Feb-2013	PASS	2289
White Creek Wind 1	Wind	60721A	Feb-10	5/26/2011	Jan-2013	PASS	784
White Creek Wind 1	Wind	60721A	Feb-10	5/26/2011	Jan-2013	PASS	799
White Creek Wind 1	Wind	60721A	Jan-10	5/26/2011	Dec-2012	PASS	862
White Creek Wind 1	Wind	60721A	Jan-10	5/26/2011	Dec-2012	PASS	2056
White Creek Wind 1	Wind	60721A	Jul-10	5/26/2011	Jun-2013	PASS	4544
White Creek Wind 1	Wind	60721A	Jul-10	5/26/2011	Jun-2013	PASS	2271
Harvest Wind - Harvest	Wind	60857A	Jan-10	5/26/2011	Dec-2012	PASS	2174
Harvest Wind - Harvest	Wind	60857A	Jan-10	5/26/2011	Dec-2012	PASS	91
Harvest Wind - Harvest	Wind	60857A	Feb-10	5/26/2011	Jan-2013	PASS	56
Harvest Wind - Harvest	Wind	60857A	Feb-10	5/26/2011	Jan-2013	PASS	1340
Harvest Wind - Harvest	Wind	60857A	Mar-10	5/26/2011	Feb-2013	PASS	4442
Harvest Wind - Harvest	Wind	60857A	Mar-10	5/26/2011	Feb-2013	PASS	185
Harvest Wind - Harvest	Wind	60857A	Apr-10	5/26/2011	Mar-2013	PASS	6705
Harvest Wind - Harvest	Wind	60857A	Apr-10	5/26/2011	Mar-2013	PASS	278
Harvest Wind - Harvest	Wind	60857A	May-10	5/26/2011	Apr-2013	PASS	5577
Harvest Wind - Harvest	Wind	60857A	May-10	5/26/2011	Apr-2013	PASS	232
Harvest Wind - Harvest	Wind	60857A	Jun-10	5/26/2011	May-2013	PASS	5540
Harvest Wind - Harvest	Wind	60857A	Jun-10	5/26/2011	May-2013	PASS	231
Harvest Wind - Harvest	Wind	60857A	Jul-10	5/26/2011	Jun-2013	PASS	4620
Harvest Wind - Harvest	Wind	60857A	Jul-10	5/26/2011	Jun-2013	PASS	192
Harvest Wind - Harvest	Wind	60857A	Aug-10	5/26/2011	Jul-2013	PASS	5124
Harvest Wind - Harvest	Wind	60857A	Aug-10	5/26/2011	Jul-2013	PASS	214
White Creek Wind 1	Wind	60721A	Aug-10	5/26/2011	Jul-2013	PASS	2582
White Creek Wind 1	Wind	60721A	Aug-10	5/26/2011	Jul-2013	PASS	5166
Beardsley - Beardsley	Hydroelectric Wa	60072A	Jul-10	5/26/2011	Jun-2013	PASS	8279
Tulloch - Tulloch	Hydroelectric Wa	60071A	Jul-10	5/26/2011	Jun-2013	PASS	13705
White Creek Wind 1	Wind	60721A	Sep-10	5/26/2011	Aug-2013	PASS	1883
White Creek Wind 1	Wind	60721A	Sep-10	5/26/2011	Aug-2013	PASS	3770
Harvest Wind - Harvest	Wind	60857A	Sep-10	5/26/2011	Aug-2013	PASS	151
Harvest Wind - Harvest	Wind	60857A	Sep-10	5/26/2011	Aug-2013	PASS	3626
Beardsley - Beardsley	Hydroelectric Wa	60072A	Sep-10	5/26/2011	Aug-2013	PASS	6249
Beardsley - Beardsley	Hydroelectric Wa	60072A	Aug-10	5/26/2011	Jul-2013	PASS	7927
Tulloch - Tulloch	Hydroelectric Wa	60071A	Sep-10	5/26/2011	Aug-2013	PASS	10168
Tulloch - Tulloch	Hydroelectric Wa	60071A	Aug-10	5/26/2011	Jul-2013	PASS	13434
Harvest Wind - Harvest	Wind	60857A	Oct-10	5/26/2011	Sep-2013	PASS	136
Harvest Wind - Harvest	Wind	60857A	Oct-10	5/26/2011	Sep-2013	PASS	3254
White Creek Wind 1	Wind	60721A	Oct-10	5/26/2011	Sep-2013	PASS	3495
White Creek Wind 1	Wind	60721A	Oct-10	5/26/2011	Sep-2013	PASS	1786
Harvest Wind - Harvest	Wind	60857A	Nov-10	5/26/2011	Oct-2013	PASS	3651
Harvest Wind - Harvest	Wind	60857A	Nov-10	5/26/2011	Oct-2013	PASS	152
White Creek Wind 1	Wind	60721A	Nov-10	5/26/2011	Oct-2013	PASS	4237
White Creek Wind 1	Wind	60721A	Nov-10	5/26/2011	Oct-2013	PASS	2123
Beardsley - Beardsley	Hydroelectric Wa	60072A	Nov-10	5/26/2011	Oct-2013	PASS	2249
Beardsley - Beardsley	Hydroelectric Wa	60072A	Oct-10	5/26/2011	Sep-2013	PASS	3835
Tulloch - Tulloch	Hydroelectric Wa	60071A	Oct-10	5/26/2011	Sep-2013	PASS	6185
Tulloch - Tulloch	Hydroelectric Wa	60071A	Nov-10	5/26/2011	Oct-2013	PASS	1253
White Creek Wind 1	Wind	60721A	Dec-10	5/26/2011	Nov-2013	PASS	94
White Creek Wind 1	Wind	60721A	Dec-10	5/26/2011	Nov-2013	PASS	513
White Creek Wind 1	Wind	60721A	Dec-10	5/26/2011	Nov-2013	PASS	2295
White Creek Wind 1	Wind	60721A	Dec-10	5/26/2011	Nov-2013	PASS	1506
Beardsley - Beardsley	Hydroelectric Wa	60072A	Dec-10	5/26/2011	Nov-2013	PASS	6408
Tulloch - Tulloch	Hydroelectric Wa	60071A	Dec-10	5/26/2011	Nov-2013	PASS	2818
Beardsley - Beardsley	Hydroelectric Wa	60072A	Feb-10	5/26/2011	Jan-2013	PASS	3
Beardsley - Beardsley	Hydroelectric Wa	60072A	Mar-10	5/26/2011	Feb-2013	PASS	1
Beardsley - Beardsley	Hydroelectric Wa	60072A	Jun-10	5/26/2011	May-2013	PASS	1
Tulloch - Tulloch	Hydroelectric Wa	60071A	Mar-10	5/26/2011	Feb-2013	PASS	1
Tulloch - Tulloch	Hydroelectric Wa	60071A	Jan-10	5/26/2011	Dec-2012	PASS	1
Harvest Wind - Harvest	Wind	60857A	Dec-10	5/26/2011	Nov-2013	PASS	2716
Harvest Wind - Harvest	Wind	60857A	Dec-10	5/26/2011	Nov-2013	PASS	113

FINAL RPS 20% Closing Report: WREGIS Retirements Vintage 2008

Data Reported by:
Direct Energy Business, LLC
January 22, 2014

Input Required
Information Hard Coded (No Input Required)

Calculations for "Last Month to Retire REC" Column:
Pursuant to D.10 '03 '021, as modified by D.11 '01 '025, ordering paragraph 10: any REC retired before December 31, 2010 must be retired within the compliance years (inclusive of the year in which the electricity associated with the renewable energy credits was generated) for the electricity associated with the renewable energy credits was generated.
Pursuant to D.12 '06 '038, ordering paragraph 23: by renewable energy credit retired for compliance on or after January 1, 2011, by the retail seller as defined in Public Utilities Code Section 99.12() must be retired within 36 months of the initial date of the associated generation.
Note:
Please create one line per combination of REC vintage and REC retirement date. If for example RECs that have the same vintage are retired on two separate dates, please include one line per retirement date. Likewise if RECs of different vintages (e.g. June 2008 and July 2009) are retired on the same date, please include one line per vintage.
Adding and/or deleting rows: The "WREGIS Retirements Vintage 08" tab allows users to add or delete rows. With the desired section, highlight entire row(s) by selecting the excel row number(s) right click and select "copy", right click again and select "insert" copied cells"

CPUC ID	RPS ID	WREGIS_ID	Facility Name	Vintage ¹ Month/Year	Retirement Date ¹ (MM/DD/YYYY)	Last Month to Retire REC ¹ (Month/Year)	Do REC Retirements ^{1b} "Pass" or "Fail" ¹	MWh REC Quantity ¹ Retired
60721A	W360	White Creek Wind 1 - White Creek	7/1/2008	12/22/2008	Dec-2010	PASS	2471	
60721A	W360	White Creek Wind 1 - White Creek	7/1/2008	12/22/2008	Dec-2010	PASS	266	
60721A	W360	White Creek Wind 1 - White Creek	8/1/2008	12/22/2008	Dec-2010	PASS	2754	
60721A	W360	White Creek Wind 1 - White Creek	9/1/2008	12/22/2008	Dec-2010	PASS	1369	
60721A	W360	White Creek Wind 1 - White Creek	10/1/2008	12/22/2008	Dec-2010	PASS	1309	
60721A	W360	White Creek Wind 1 - White Creek	11/1/2008	12/22/2008	Dec-2010	PASS	2141	
60721A	W360	White Creek Wind 1 - White Creek	12/1/2008	12/22/2008	Dec-2010	PASS	2595	
60721A	W360	White Creek Wind 1 - White Creek	3/1/2008	2/11/2011	Feb-2011	PASS	7458	
60721A	W360	White Creek Wind 1 - White Creek	3/1/2008	2/11/2011	Feb-2011	PASS	1240	
60721A	W360	White Creek Wind 1 - White Creek	4/1/2008	2/11/2011	Mar-2011	PASS	8744	
60721A	W360	White Creek Wind 1 - White Creek	4/1/2008	2/11/2011	Mar-2011	PASS	1381	
60721A	W360	White Creek Wind 1 - White Creek	5/1/2008	2/11/2011	Apr-2011	PASS	10781	
60721A	W360	White Creek Wind 1 - White Creek	5/1/2008	2/11/2011	Apr-2011	PASS	1130	
60721A	W360	White Creek Wind 1 - White Creek	5/1/2008	2/11/2011	May-2011	PASS	12634	
60721A	W360	White Creek Wind 1 - White Creek	5/1/2008	2/11/2011	May-2011	PASS	4378	
60721A	W360	White Creek Wind 1 - White Creek	6/1/2008	2/11/2011	May-2011	PASS	11873	
60721A	W360	White Creek Wind 1 - White Creek	6/1/2008	2/11/2011	May-2011	PASS	1419	
60721A	W360	White Creek Wind 1 - White Creek	6/1/2008	2/11/2011	May-2011	PASS	2180	
60721A	W360	White Creek Wind 1 - White Creek	7/1/2008	2/11/2011	Jun-2011	PASS	1640	
60721A	W360	White Creek Wind 1 - White Creek	8/1/2008	2/11/2011	Jun-2011	PASS	1369	
60721A	W360	White Creek Wind 1 - White Creek	9/1/2008	2/11/2011	Aug-2011	PASS	977	
60721A	W360	White Creek Wind 1 - White Creek	10/1/2008	2/11/2011	Sep-2011	PASS	1140	
60721A	W360	White Creek Wind 1 - White Creek	11/1/2008	2/11/2011	Oct-2011	PASS	1346	
60721A	W360	White Creek Wind 1 - White Creek	12/1/2008	2/11/2011	Nov-2011	PASS	1458	

FINAL RPS 20% Closing Report: WREGIS Retirements Vintage 2009

Data Reported by:
Direct Energy Business, LLC
January 22, 2014

Input Required
Information is Hard Coded (No Input Required)

Calculations for "Last Month to Retire REC" Column:

Pursuant to D.10 '03 '02.1, as modified by D.11 '01 '02.5, ordering paragraph 10: any REC retired before December 31, 2010 must be retired within three compliance years (inclusive of the year in which the electricity associated with the renewable energy credits was generated) after the electricity associated with the renewable energy credits was generated.

Pursuant to D.12 '06 '03.8, ordering paragraph 2:3 by renewable energy credit retired for compliance on or after January 1, 2011 by its retail seller as defined in Public Utilities Code Section 99.12(i) must be retired within 36 months of the initial date of the associated generation.

Note:

Please create one line per combination of REC vintage and REC retirement date. For example, RECs that have the same vintage are retired in two separate dates, please include one line per retirement date. Likewise if RECs of different vintages (e.g. June 2008 and July 2009) are retired on the same date, please include one line per vintage.

Adding and/or deleting rows: The "WREGIS Retirements Vintage 09" tab allows users to add and/or delete rows. Within the desired section, highlight the entire row(s) by selecting the excel row number(s), right click and select "copy", right click again and select "insert" or "delete" cells.

CPUC ID	RPS ID	WREGIS_ID	Facility Name	Vintage ¹ Month/Year	Retirement Date ² (MM/DD/YYYY)	Last Month to Retire REC ³ (Month/Year)	Do REC Retirements ⁴ "Pass" or "Fail" ⁵ Retirement Rules:	MWh REC Quantity ⁶ Retired
60721A	W360	W360	White Creek Wind 1 - White Creek	1/1/2009	4/13/2011	Dec-2011	PASS	2298
60721A	W360	W360	White Creek Wind 2 - White Creek	2/1/2009	4/13/2011	Jan-2012	PASS	1109
60721A	W360	W360	White Creek Wind 3 - White Creek	3/1/2009	4/13/2011	Feb-2012	PASS	3159
60721A	W360	W360	White Creek Wind 4 - White Creek	4/1/2009	4/13/2011	Mar-2012	PASS	1884
60721A	W360	W360	White Creek Wind 5 - White Creek	4/1/2009	4/13/2011	Mar-2012	PASS	1403
60721A	W360	W360	White Creek Wind 6 - White Creek	4/1/2009	4/13/2011	Mar-2012	PASS	182
60721A	W360	W360	White Creek Wind 7 - White Creek	5/1/2009	4/13/2011	Apr-2012	PASS	2570
60721A	W360	W360	White Creek Wind 8 - White Creek	6/1/2009	4/13/2011	May-2012	PASS	2761
60721A	W360	W360	White Creek Wind 9 - White Creek	7/1/2009	4/13/2011	Dec-2011	PASS	2288
60721A	W360	W360	White Creek Wind 10 - White Creek	2/1/2009	4/13/2011	Jan-2012	PASS	1109
60721A	W360	W360	White Creek Wind 11 - White Creek	3/1/2009	4/13/2011	Feb-2012	PASS	741
60721A	W360	W360	White Creek Wind 12 - White Creek	3/1/2009	4/13/2011	Feb-2012	PASS	2477
60721A	W360	W360	White Creek Wind 13 - White Creek	4/1/2009	4/13/2011	Mar-2012	PASS	1643
60721A	W360	W360	White Creek Wind 14 - White Creek	5/1/2009	4/13/2011	Apr-2012	PASS	1053
60721A	W360	W360	White Creek Wind 15 - White Creek	5/1/2009	4/13/2011	Apr-2012	PASS	1361
60721A	W360	W360	White Creek Wind 16 - White Creek	5/1/2009	4/13/2011	Apr-2012	PASS	157
60721A	W360	W360	White Creek Wind 17 - White Creek	6/1/2009	4/13/2011	May-2012	PASS	1388
60721A	W360	W360	White Creek Wind 18 - White Creek	6/1/2009	4/13/2011	May-2012	PASS	1372
60113A	W126	W126	Geysers Power Plant - Calpine Geothermal Unit 20	9/1/2009	4/13/2011	Jul-2012	PASS	7440
60721A	W360	W360	White Creek Wind 19 - White Creek	7/1/2009	4/13/2011	Jun-2012	PASS	1131
60721A	W360	W360	White Creek Wind 20 - White Creek	7/1/2009	4/13/2011	Jun-2012	PASS	1643
60721A	W360	W360	White Creek Wind 21 - White Creek	7/1/2009	4/13/2011	Jun-2012	PASS	30
60721A	W360	W360	White Creek Wind 22 - White Creek	7/1/2009	4/13/2011	Jun-2012	PASS	944
60721A	W360	W360	White Creek Wind 23 - White Creek	7/1/2009	4/13/2011	Jun-2012	PASS	2138
60721A	W360	W360	White Creek Wind 24 - White Creek	7/1/2009	4/13/2011	Dec-2011	PASS	2284
60721A	W360	W360	White Creek Wind 25 - White Creek	2/1/2009	4/13/2011	Jan-2012	PASS	1119
60721A	W360	W360	White Creek Wind 26 - White Creek	3/1/2009	4/13/2011	Feb-2012	PASS	3160
60721A	W360	W360	White Creek Wind 27 - White Creek	4/1/2009	4/13/2011	Mar-2012	PASS	2649
60721A	W360	W360	White Creek Wind 28 - White Creek	5/1/2009	4/13/2011	Apr-2012	PASS	3571
60721A	W360	W360	White Creek Wind 29 - White Creek	5/1/2009	4/13/2011	May-2012	PASS	2783
60721A	W360	W360	White Creek Wind 30 - White Creek	7/1/2009	4/13/2011	Jun-2012	PASS	233
60473A	W807	W807	El Nido Biomass Facility - El Nido Biomass Facility	2/1/2009	4/13/2011	Jan-2012	PASS	674
60473A	W807	W807	El Nido Biomass Facility - El Nido Biomass Facility	1/1/2009	4/13/2011	Dec-2011	PASS	3083
60760A	W806	W806	Wheat Field - Wheat Field	4/1/2009	4/13/2011	Mar-2012	PASS	20626
60760A	W806	W806	Wheat Field - Wheat Field	5/1/2009	4/13/2011	Apr-2012	PASS	13353
60760A	W806	W806	Wheat Field - Wheat Field	6/1/2009	4/13/2011	May-2012	PASS	28895
60760A	W806	W806	Wheat Field - Wheat Field	7/1/2009	4/13/2011	Jun-2012	PASS	18617
60721A	W360	W360	White Creek Wind 31 - White Creek	6/1/2009	4/13/2011	Jul-2012	PASS	2783
60721A	W360	W360	White Creek Wind 32 - White Creek	6/1/2009	4/13/2011	Jul-2012	PASS	5556
60113A	W126	W126	Geysers Power Plant - Calpine Geothermal Unit 20	9/1/2009	4/13/2011	Aug-2012	PASS	14400
60113A	W127	W127	Geysers Power Plant - Sonoma/Calpine Geysers	9/1/2009	4/13/2011	Aug-2012	PASS	7864
60113A	W126	W126	Geysers Power Plant - Calpine Geothermal Unit 20	9/1/2009	4/13/2011	Aug-2012	PASS	14109
60113A	W121	W121	Geysers Power Plant - Calpine Geothermal Unit 13	9/1/2009	4/13/2011	Aug-2012	PASS	3960
60113A	W119	W119	Geysers Power Plant - Calpine Geothermal Unit 11	9/1/2009	4/13/2011	Aug-2012	PASS	243
60760A	W806	W806	Wheat Field - Wheat Field	8/1/2009	4/13/2011	Jul-2012	PASS	28319
60113A	W127	W127	Geysers Power Plant - Sonoma/Calpine Geysers	10/1/2009	4/13/2011	Sep-2012	PASS	18724
60721A	W360	W360	White Creek Wind 33 - White Creek	9/1/2009	4/13/2011	Aug-2012	PASS	2188
60721A	W360	W360	White Creek Wind 34 - White Creek	9/1/2009	4/13/2011	Aug-2012	PASS	4377
60072A	W787	W787	Beardsley - Beardsley	9/1/2009	4/13/2011	Aug-2012	PASS	6297
60071A	W788	W788	Tulloch - Tulloch	9/1/2009	4/13/2011	Aug-2012	PASS	11683
60072A	W787	W787	Beardsley - Beardsley	10/1/2009	4/13/2011	Sep-2012	PASS	2988
60071A	W788	W788	Tulloch - Tulloch	10/1/2009	4/13/2011	Sep-2012	PASS	8134
60721A	W360	W360	White Creek Wind 35 - White Creek	10/1/2009	4/13/2011	Sep-2012	PASS	4421
60721A	W360	W360	White Creek Wind 36 - White Creek	10/1/2009	4/13/2011	Sep-2012	PASS	2211
60760A	W806	W806	Wheat Field - Wheat Field	11/1/2009	4/13/2011	Aug-2012	PASS	13382
60760A	W806	W806	Wheat Field - Wheat Field	10/1/2009	4/13/2011	Sep-2012	PASS	16518
60113A	W126	W126	Geysers Power Plant - Calpine Geothermal Unit 20	11/1/2009	4/13/2011	Oct-2012	PASS	16487
60113A	W121	W121	Geysers Power Plant - Calpine Geothermal Unit 13	11/1/2009	4/13/2011	Oct-2012	PASS	1889
60721A	W360	W360	White Creek Wind 37 - White Creek	11/1/2009	4/13/2011	Oct-2012	PASS	2081
60113A	W126	W126	Geysers Power Plant - Calpine Geothermal Unit 20	11/1/2009	4/13/2011	Oct-2012	PASS	4161
60721A	W360	W360	White Creek Wind 38 - White Creek	12/1/2009	4/13/2011	Nov-2012	PASS	7800
60721A	W360	W360	White Creek Wind 39 - White Creek	12/1/2009	4/13/2011	Nov-2012	PASS	2023
60721A	W360	W360	White Creek Wind 40 - White Creek	12/1/2009	4/13/2011	Nov-2012	PASS	1012
60072A	W787	W787	Beardsley - Beardsley	11/1/2009	4/13/2011	Oct-2012	PASS	1119
60071A	W788	W788	Tulloch - Tulloch	11/1/2009	4/13/2011	Oct-2012	PASS	1768
60072A	W787	W787	Beardsley - Beardsley	12/1/2009	4/13/2011	Nov-2012	PASS	3589
60071A	W788	W788	Tulloch - Tulloch	12/1/2009	4/13/2011	Nov-2012	PASS	1167
60721A	W360	W360	White Creek Wind 41 - White Creek	1/1/2009	4/13/2011	Dec-2011	PASS	1895
60721A	W360	W360	White Creek Wind 42 - White Creek	1/1/2009	4/13/2011	Dec-2011	PASS	3748
60721A	W360	W360	White Creek Wind 43 - White Creek	1/1/2009	4/13/2011	Jan-2012	PASS	3549
60721A	W360	W360	White Creek Wind 44 - White Creek	2/1/2009	4/13/2011	Jan-2012	PASS	1
60721A	W360	W360	White Creek Wind 45 - White Creek	3/1/2009	4/13/2011	Feb-2012	PASS	1673
60721A	W360	W360	White Creek Wind 46 - White Creek	3/1/2009	4/13/2011	Feb-2012	PASS	7250
60721A	W360	W360	White Creek Wind 47 - White Creek	3/1/2009	4/13/2011	Feb-2012	PASS	273
60721A	W360	W360	White Creek Wind 48 - White Creek	3/1/2009	4/13/2011	Feb-2012	PASS	582
60721A	W360	W360	White Creek Wind 49 - White Creek	4/1/2009	4/13/2011	Mar-2012	PASS	4993

FINAL RPS 20% Closing Report: WREGIS Retirements Vintage 2010

Date Reported by:
Direct Energy Business, LLC
January 22, 2014

Input Required
Information is Hard Coded (No Input Required)

Calculations for "Last Month to Retire REC" Column:

Pursuant to D.10 03 021, as modified by D.11 03 025, ordering paragraph 10: any REC retired before December 31, 2010 must be retired within three compliance years (inclusive of the year in which the electricity associated with the renewable energy credits was generated) after the electricity is associated with the renewable energy credits was generated.

Pursuant to D.12 06 038, ordering paragraph 23: by renewable energy credit retired for compliance or more after January 1, 2011 by its retail seller as defined in Public Utilities Code Section 99.12 (j) must be retired within 36 months of the initial date of the associated generation.

Note:

Please create one line per combination of REC vintage and REC retirement date. For example RECs that have the same vintage are retired on two separate dates, please include one line per retirement date. Likewise if RECs of different vintages (e.g. June 2008 and July 2009) are retired on the same date, please include one line per vintage.

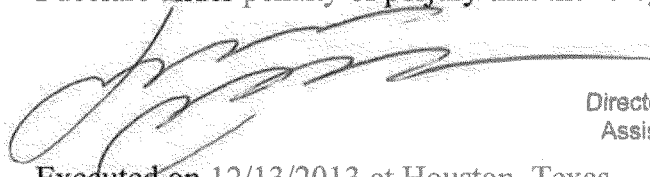
Adding and/or deleting rows: The "WREGIS Retirements Vintage 10" tab allows users to add or delete rows. Within the desired section, highlight the entire row(s) by selecting the excel row number(s), right click and select "copy", right click again and select "insert" or "delete".

CPUC ID	RPS ID	WREGIS_ID	Facility Name	Vintage Month/Year ¹	Retirement Date ² (MM/DD/YYYY)	Last Month to Retire REC ³ (Month/Year)	Do REC Retirements ⁴ "Pass" or "Fail" ⁵ Retirement Rules:	MWh REC Quantity ⁶ Retired
60721A	W360	White Creek Wind 1 - White Creek	1/1/2010	6/26/2011	Dec-2012	PASS	823	
60721A	W360	White Creek Wind 1 - White Creek	1/1/2010	6/26/2011	Dec-2012	PASS	502	
60721A	W360	White Creek Wind 1 - White Creek	1/1/2010	6/26/2011	Dec-2012	PASS	239	
60721A	W360	White Creek Wind 1 - White Creek	2/1/2010	6/26/2011	Jan-2013	PASS	725	
60721A	W360	White Creek Wind 1 - White Creek	3/1/2010	6/26/2011	Feb-2013	PASS	2387	
60072A	W787	Beardsley - Beardsley	1/1/2010	6/26/2011	Dec-2012	PASS	1823	
60071A	W788	Tulloch - Tulloch	1/1/2010	6/26/2011	Dec-2012	PASS	1146	
60072A	W787	Beardsley - Beardsley	2/1/2010	6/26/2011	Jan-2013	PASS	738	
60071A	W788	Tulloch - Tulloch	2/1/2010	6/26/2011	Jan-2013	PASS	5180	
60072A	W787	Beardsley - Beardsley	3/1/2010	6/26/2011	Feb-2013	PASS	1405	
60071A	W788	Tulloch - Tulloch	3/1/2010	6/26/2011	Feb-2013	PASS	4977	
60721A	W360	White Creek Wind 1 - White Creek	4/1/2010	6/26/2011	Mar-2013	PASS	73	
60721A	W360	White Creek Wind 1 - White Creek	4/1/2010	6/26/2011	Mar-2013	PASS	85173	
60721A	W360	White Creek Wind 1 - White Creek	4/1/2010	6/26/2011	Mar-2013	PASS	238	
60721A	W360	White Creek Wind 1 - White Creek	4/1/2010	6/26/2011	Mar-2013	PASS	3509	
60721A	W360	White Creek Wind 1 - White Creek	5/1/2010	6/26/2011	Apr-2013	PASS	1178	
60721A	W360	White Creek Wind 1 - White Creek	5/1/2010	6/26/2011	Apr-2013	PASS	1460	
60721A	W360	White Creek Wind 1 - White Creek	5/1/2010	6/26/2011	Apr-2013	PASS	240	
60721A	W360	White Creek Wind 1 - White Creek	5/1/2010	6/26/2011	Apr-2013	PASS	2878	
60721A	W360	White Creek Wind 1 - White Creek	5/1/2010	6/26/2011	Apr-2013	PASS	2893	
60073A	W787	Beardsley - Beardsley	6/1/2010	6/26/2011	May-2013	PASS	2458	
60073A	W788	Tulloch - Tulloch	6/1/2010	6/26/2011	May-2013	PASS	10771	
60072A	W787	Beardsley - Beardsley	6/1/2010	6/26/2011	Apr-2013	PASS	6161	
60071A	W788	Tulloch - Tulloch	6/1/2010	6/26/2011	Apr-2013	PASS	12672	
60072A	W787	Beardsley - Beardsley	6/1/2010	6/26/2011	May-2013	PASS	8086	
60071A	W788	Tulloch - Tulloch	6/1/2010	6/26/2011	May-2013	PASS	12033	
60721A	W360	White Creek Wind 1 - White Creek	6/1/2010	6/26/2011	May-2013	PASS	2912	
60721A	W360	White Creek Wind 1 - White Creek	6/1/2010	6/26/2011	May-2013	PASS	638	
60721A	W360	White Creek Wind 1 - White Creek	6/1/2010	6/26/2011	May-2013	PASS	81413	
60721A	W360	White Creek Wind 1 - White Creek	3/1/2010	6/26/2011	Feb-2013	PASS	140	
60721A	W360	White Creek Wind 1 - White Creek	3/1/2010	6/26/2011	Feb-2013	PASS	1211	
60721A	W360	White Creek Wind 1 - White Creek	3/1/2010	6/26/2011	Feb-2013	PASS	936	
60721A	W360	White Creek Wind 1 - White Creek	3/1/2010	6/26/2011	Feb-2013	PASS	2206	
60721A	W360	White Creek Wind 1 - White Creek	2/1/2010	6/26/2011	Jan-2013	PASS	764	
60721A	W360	White Creek Wind 1 - White Creek	2/1/2010	6/26/2011	Jan-2013	PASS	796	
60721A	W360	White Creek Wind 1 - White Creek	1/1/2010	6/26/2011	Dec-2012	PASS	862	
60721A	W360	White Creek Wind 1 - White Creek	1/1/2010	6/26/2011	Dec-2012	PASS	1066	
60721A	W360	White Creek Wind 1 - White Creek	7/1/2010	6/26/2011	Jun-2013	PASS	4644	
60721A	W360	White Creek Wind 1 - White Creek	7/1/2010	6/26/2011	Jun-2013	PASS	2271	
60897A	W1306	Harvest Wind - Harvest Wind	1/1/2010	6/26/2011	Dec-2012	PASS	2174	
60897A	W1306	Harvest Wind - Harvest Wind	1/1/2010	6/26/2011	Dec-2012	PASS	91	
60897A	W1306	Harvest Wind - Harvest Wind	2/1/2010	6/26/2011	Jan-2013	PASS	86	
60897A	W1306	Harvest Wind - Harvest Wind	2/1/2010	6/26/2011	Jan-2013	PASS	1340	
60897A	W1306	Harvest Wind - Harvest Wind	3/1/2010	6/26/2011	Feb-2013	PASS	4442	
60897A	W1306	Harvest Wind - Harvest Wind	3/1/2010	6/26/2011	Feb-2013	PASS	136	
60897A	W1306	Harvest Wind - Harvest Wind	4/1/2010	6/26/2011	Mar-2013	PASS	6709	
60897A	W1306	Harvest Wind - Harvest Wind	4/1/2010	6/26/2011	Mar-2013	PASS	279	
60897A	W1306	Harvest Wind - Harvest Wind	5/1/2010	6/26/2011	Apr-2013	PASS	6577	
60897A	W1306	Harvest Wind - Harvest Wind	5/1/2010	6/26/2011	Apr-2013	PASS	232	
60897A	W1306	Harvest Wind - Harvest Wind	6/1/2010	6/26/2011	May-2013	PASS	6540	
60897A	W1306	Harvest Wind - Harvest Wind	6/1/2010	6/26/2011	May-2013	PASS	231	
60897A	W1306	Harvest Wind - Harvest Wind	7/1/2010	6/26/2011	Jun-2013	PASS	4620	
60897A	W1306	Harvest Wind - Harvest Wind	7/1/2010	6/26/2011	Jun-2013	PASS	160	
60897A	W1306	Harvest Wind - Harvest Wind	6/1/2010	6/26/2011	Jun-2013	PASS	6124	
60897A	W1306	Harvest Wind - Harvest Wind	6/1/2010	6/26/2011	Jul-2013	PASS	214	
60721A	W360	White Creek Wind 1 - White Creek	8/1/2010	6/26/2011	Jul-2013	PASS	2682	
60721A	W360	White Creek Wind 1 - White Creek	8/1/2010	6/26/2011	Jul-2013	PASS	5166	
60072A	W787	Beardsley - Beardsley	7/1/2010	6/26/2011	Jun-2013	PASS	8278	
60071A	W788	Tulloch - Tulloch	7/1/2010	6/26/2011	Jun-2013	PASS	13709	
60721A	W360	White Creek Wind 1 - White Creek	9/1/2010	6/26/2011	Aug-2013	PASS	1893	
60721A	W360	White Creek Wind 1 - White Creek	9/1/2010	6/26/2011	Aug-2013	PASS	3778	
60897A	W1306	Harvest Wind - Harvest Wind	9/1/2010	6/26/2011	Aug-2013	PASS	181	
60897A	W1306	Harvest Wind - Harvest Wind	9/1/2010	6/26/2011	Aug-2013	PASS	3626	
60072A	W787	Beardsley - Beardsley	9/1/2010	6/26/2011	Aug-2013	PASS	6249	
60072A	W787	Beardsley - Beardsley	8/1/2010	6/26/2011	Jul-2013	PASS	7697	
60071A	W788	Tulloch - Tulloch	9/1/2010	6/26/2011	Aug-2013	PASS	10168	
60071A	W788	Tulloch - Tulloch	8/1/2010	6/26/2011	Jul-2013	PASS	13424	
60897A	W1306	Harvest Wind - Harvest Wind	10/1/2010	6/26/2011	Sep-2013	PASS	136	
60897A	W1306	Harvest Wind - Harvest Wind	9/1/2010	6/26/2011	Sep-2013	PASS	3269	
60721A	W360	White Creek Wind 1 - White Creek	10/1/2010	6/26/2011	Sep-2013	PASS	3498	
60721A	W360	White Creek Wind 1 - White Creek	10/1/2010	6/26/2011	Sep-2013	PASS	1759	
60897A	W1306	Harvest Wind - Harvest Wind	11/1/2010	6/26/2011	Oct-2013	PASS	3691	
60897A	W1306	Harvest Wind - Harvest Wind	11/1/2010	6/26/2011	Oct-2013	PASS	162	
60721A	W360	White Creek Wind 1 - White Creek	11/1/2010	6/26/2011	Oct-2013	PASS	4237	
60721A	W360	White Creek Wind 1 - White Creek	11/1/2010	6/26/2011	Oct-2013	PASS	2122	
60072A	W787	Beardsley - Beardsley	11/1/2010	6/26/2011	Oct-2013	PASS	2249	
60072A	W787	Beardsley - Beardsley	10/1/2010	6/26/2011	Sep-2013	PASS	3635	
60071A	W788	Tulloch - Tulloch	10/1/2010	6/26/2011	Sep-2013	PASS	6185	
60071A	W788	Tulloch - Tulloch	11/1/2010	6/26/2011	Oct-2013	PASS	1253	
60721A	W360	White Creek Wind 1 - White Creek	12/1/2010	6/26/2011	Nov-2013	PASS	94	
60721A	W360	White Creek Wind 1 - White Creek	12/1/2010	6/26/2011	Nov-2013	PASS	613	
60721A	W360	White Creek Wind 1 - White Creek	12/1/2010	6/26/2011	Nov-2013	PASS	2286	
60721A	W360	White Creek Wind 1 - White Creek	12/1/2010	6/26/2011	Nov-2013	PASS	1506	
60072A	W787	Beardsley - Beardsley	12/1/2010	6/26/2011	Nov-2013	PASS	6408	
60071A	W788	Tulloch - Tulloch	12/1/2010	6/26/2011	Nov-2013	PASS	2818	
60072A	W787	Beardsley - Beardsley	2/1/2011	6/26/2011	Jan-2013	PASS	1	
60072A	W787	Beardsley - Beardsley	3/1/2011	6/26/2011	Feb-2013	PASS	1	
60072A	W787	Beardsley - Beardsley	5/1/2011	6/26/2011	May-2013	PASS	1	
60071A	W788	Tulloch - Tulloch	3/1/2011	6/26/2011	Feb-2013	PASS	1	
60071A	W788	Tulloch - Tulloch	1/1/2010	6/26/2011	Dec-2012	PASS	1	
60897A	W1306	Harvest Wind - Harvest Wind	12/1/2010	6/26/2011	Nov-2013	PASS	2716	
60897A	W1306	Harvest Wind - Harvest Wind	12/1/2010	6/26/2011	Nov-2013	PASS	113	

OFFICER VERIFICATION FORM

I am an officer of the reporting corporation herein, and am authorized to make this verification on its behalf. The statements in the foregoing document are true of my own knowledge, except as to matters which are therein stated on information or belief, and as to those matters I believe them to be true. The spreadsheet format used to file this RPS 20% Closing Report has not been altered from the version issued or approved by Energy Division. The information provided in this RPS 20% Closing Report adheres to the Commission's orders in D.12-06-038.

I declare under penalty of perjury that the foregoing is true and correct.



Son Tran
Director & Sr. Counsel
Assistant Secretary

Executed on 12/13/2013 at Houston, Texas.