

RE 73 e-FILING REPORT COVER SHEET

REPORT NAME:

PGE's 2016 Electricity Product Claim Reconciliation Report

COMPANY NAME:

Portland General Electric

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION?

No

If known, please select designation:

RE (Electric)

Report is required by:

OAR 860-038-0300(10)

Is this report associated with a specific docket/case?

No

Key words:

PGE's 2016 Electricity Product Claim Reconciliation Report

If known, please select the PUC Section to which the report should be directed:

Electric Rates and Planning



Portland General Electric Company
121 SW Salmon Street • Portland, Oregon 97204
PortlandGeneral.com

September 1, 2017

Public Utility Commission of Oregon
Attn: Filing Center
201 High Street, S.E.
P.O. Box 1088
Salem, OR 97308-1088

RE: PGE's 2016 Electricity Product Claim Reconciliation Report

Attached is PGE's annual Product Claim Reconciliation Report for calendar year 2016. It summarizes PGE's purchases and sales of Renewable Energy Certificates (RECs) on behalf of customers that subscribed to PGE's voluntary renewable portfolio programs in 2016. This filing complies with the annual reporting requirement in OAR 860-038-0300(10).

The sourcing and documentation for the RECs is again based on the column in the attachment that contains the Western Renewable Energy Generation Information System (WREGIS) Serial Numbers. This eliminates the need to supply copies of green tag certificates and attestations for purchases and generation, as it is now tracked using the WREGIS reporting system.

If you have any questions about this filing, please contact Colin Wright, (503) 464-8011.

Please direct all formal correspondence and requests to the following email address pge.opuc filings@pgn.com

Sincerely,

A handwritten signature in black ink, appearing to read "Karla Wenzel", written in a cursive style.

Karla Wenzel
Manager, Pricing and Tariffs

Enclosure

cc: Anne Snyder-Grassmann

ELECTRICITY PRODUCT CLAIM RECONCILIATION REPORT - Per OAR 860-038-0300 (10)
Electric Company / Electricity Service Supplier Name: **Portland General Electric**
Reporting Year: **2016**

Sale of Block Products

Product Name	Block Size	Residential/Small Non-Res Customers		Large Nonresidential Customers		Total Blocks Sold	New Renewables MWh Sold	Existing Renewables MWh Sold	Total MWh Sold
		Blocks Sold	MWh Sold	MWh Sold	MWh Sold				
Clean Wind - Portfolio (Fixed Renewable)	200 kWh		157,990	-	-	157,990	31,598	-	31,598
Green Future Solar	1 kW		2,935	-	-	2,935	2,821	-	2,821
Clean Wind - C&I (Fixed Renewable)	1,000 kWh		-	410,398	-	410,398	-	-	410,398
Total Block Sales			160,925	410,398		160,925	444,817		444,817

Sale of Blended Products

Product Name	% New Renewables in Product	% Existing Renewables in Product	Portfolio Customers MWh Sold	Large Nonresidential Customers MWh Sold	New Renewables MWh Sold	Total MWh Sold
Green Source (Renewable Usage)	100%		1,078,372	-	1,078,372	1,078,372
Total Blended Sales		0%	1,078,372		1,078,372	1,078,372
Total All Product Sales RY2016						1,523,189

Retired on Behalf of PGE Renewable Development Fund

Product Name	REC's (MWh) Retired on Behalf of PGE Renewable Development Fund
PGE Renewable Development Fund	-
Total MWh/RECs retired for RY2016	1,523,189

List of New Renewable Purchases and Generation Used to Meet Sales Requirement

Generator Facility Name or Wholesale Supplier	Generator Location (State)	Purchased for Additional Details	Total MWh Purchased or Generated	Net MWh Used to Meet Sales Requirement	Renewable Fuel Type	Date Generated (Month)	Date Generated (Year)	Renewable Energy Certificates Vintage Year	WREGIS Serial Number
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	ID	Clean Wind - Portfolio (Fixed Renewable)	1927	1927	Wind	7	2015	Yes	1881-ID-170145-1 to 1927
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	ID	Clean Wind - Portfolio (Fixed Renewable)	2209	2209	Wind	8	2015	Yes	1881-ID-173313-1 to 2209
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	ID	Clean Wind - Portfolio (Fixed Renewable)	1211	1211	Wind	9	2015	Yes	1881-ID-176302-1 to 1211
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	ID	Clean Wind - Portfolio (Fixed Renewable)	1537	1537	Wind	12	2015	Yes	1881-ID-180552-1 to 1537
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	ID	Clean Wind - Portfolio (Fixed Renewable)	2805	2805	Wind	11	2015	Yes	1881-ID-181825-1 to 2805
Seven Mile Hill I - Seven Mile Hill I	WY	Clean Wind - Portfolio (Fixed Renewable)	4019	4019	Wind	7	2015	Yes	975-WY-169634-12950 to 16968
Seven Mile Hill I - Seven Mile Hill I	WY	Clean Wind - Portfolio (Fixed Renewable)	6129	6129	Wind	8	2015	Yes	975-WY-172848-7432 to 13560
Seven Mile Hill I - Seven Mile Hill I	WY	Clean Wind - Portfolio (Fixed Renewable)	4010	4010	Wind	9	2015	Yes	975-WY-175842-8765 to 12774
Seven Mile Hill I - Seven Mile Hill I	WY	Clean Wind - Portfolio (Fixed Renewable)	4316	4316	Wind	12	2015	Yes	975-WY-184839-15290 to 19605
Seven Mile Hill II - Seven Mile Hill II	WY	Clean Wind - Portfolio (Fixed Renewable)	1995	1995	Wind	7	2015	Yes	975-WY-169635-1658 to 3252
Seven Mile Hill II - Seven Mile Hill II	WY	Clean Wind - Portfolio (Fixed Renewable)	1313	1313	Wind	8	2015	Yes	976-WY-172849-1508 to 2820
Seven Mile Hill II - Seven Mile Hill II	WY	Clean Wind - Portfolio (Fixed Renewable)	127	127	Wind	9	2015	Yes	976-WY-175843-1876 to 2002
Steel Bridge - Steel Bridge	OR	Green Future Solar	474	474	Solar	7	2016	Yes	4787-OR-211891-1 to 474
Steel Bridge - Steel Bridge	OR	Green Future Solar	389	389	Solar	9	2016	Yes	4787-OR-218583-1 to 389
Steel Bridge - Steel Bridge	OR	Green Future Solar	450	450	Solar	5	2016	Yes	4787-OR-204868-1 to 450
Steel Bridge - Steel Bridge	OR	Green Future Solar	156	156	Solar	10	2016	Yes	4787-OR-222081-1 to 156
Steel Bridge - Steel Bridge	OR	Green Future Solar	160	160	Solar	2	2016	Yes	4787-OR-194999-1 to 160
Steel Bridge - Steel Bridge	OR	Green Future Solar	200	200	Solar	3	2016	Yes	4787-OR-198185-1 to 200
Steel Bridge - Steel Bridge	OR	Green Future Solar	382	382	Solar	4	2016	Yes	4787-OR-201393-1 to 382
Steel Bridge - Steel Bridge	OR	Green Future Solar	75	75	Solar	1	2016	Yes	4787-OR-191730-1 to 75
Steel Bridge - Steel Bridge	OR	Green Future Solar	53	53	Solar	12	2016	Yes	4787-OR-228736-1 to 53
Steel Bridge - Steel Bridge	OR	Green Future Solar	466	466	Solar	6	2016	Yes	4787-OR-203859-1 to 466
Steel Bridge - Steel Bridge	OR	Green Future Solar	16	16	Solar	11	2016	Yes	4787-OR-228442-1 to 16
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	4779	4779	Wind	11	2015	Yes	1875-ID-183283-1 to 4779
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	4449	4449	Wind	6	2016	Yes	1875-ID-206899-1 to 4449
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	6943	6943	Wind	1	2016	Yes	1875-ID-190226-1 to 6943
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	5696	5696	Wind	10	2016	Yes	1875-ID-220734-1 to 5696
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	4775	4775	Wind	9	2016	Yes	1875-ID-217205-1 to 4775
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	6943	6943	Wind	3	2016	Yes	1875-ID-196604-1 to 6943
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	3831	3831	Wind	7	2015	Yes	1875-ID-170142-1 to 3831
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	4639	4639	Wind	8	2015	Yes	1875-ID-173310-1 to 4639
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	2523	2523	Wind	9	2015	Yes	1875-ID-176299-1 to 2523
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	6045	6045	Wind	4	2016	Yes	1875-ID-199859-1 to 6045
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	4117	4117	Wind	8	2016	Yes	1875-ID-213810-1 to 4117
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	3066	3066	Wind	10	2015	Yes	1875-ID-180122-1 to 3066
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	4880	4880	Wind	12	2015	Yes	1875-ID-186781-1 to 4880
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	6187	6187	Wind	2	2016	Yes	1875-ID-193469-1 to 6187
Camp Reed Wind Park - Camp Reed Wind Park	ID	Green Source (Renewable Usage)	5240	5240	Wind	5	2016	Yes	1875-ID-203162-1 to 5240
Golden Valley Wind Park - Golden Valley Wind Park	ID	Green Source (Renewable Usage)	1822	1822	Wind	7	2015	Yes	1862-ID-170134-1 to 1822
Golden Valley Wind Park - Golden Valley Wind Park	ID	Green Source (Renewable Usage)	1925	1925	Wind	8	2015	Yes	1862-ID-173302-1 to 1925
Golden Valley Wind Park - Golden Valley Wind Park	ID	Green Source (Renewable Usage)	1147	1147	Wind	9	2015	Yes	1862-ID-176291-1 to 1147
Golden Valley Wind Park - Golden Valley Wind Park	ID	Green Source (Renewable Usage)	3737	3737	Wind	3	2016	Yes	1862-ID-195779-1 to 3737
Golden Valley Wind Park - Golden Valley Wind Park	ID	Green Source (Renewable Usage)	2931	2931	Wind	1	2016	Yes	1862-ID-189354-1 to 2931
Golden Valley Wind Park - Golden Valley Wind Park	ID	Green Source (Renewable Usage)	1914	1914	Wind	6	2016	Yes	1862-ID-206047-1 to 1914
Golden Valley Wind Park - Golden Valley Wind Park	ID	Green Source (Renewable Usage)	3430	3430	Wind	11	2015	Yes	1862-ID-182359-1 to 3430
Golden Valley Wind Park - Golden Valley Wind Park	ID	Green Source (Renewable Usage)	3227	3227	Wind	4	2016	Yes	1862-ID-198072-1 to 3227
Golden Valley Wind Park - Golden Valley Wind Park	ID	Green Source (Renewable Usage)	3762	3762	Wind	8	2015	Yes	1862-ID-186701-1 to 3762
Golden Valley Wind Park - Golden Valley Wind Park	ID	Green Source (Renewable Usage)	2838	2838	Wind	2	2016	Yes	1862-ID-192585-1 to 2838
Golden Valley Wind Park - Golden Valley Wind Park	ID	Green Source (Renewable Usage)	2302	2302	Wind	10	2015	Yes	1862-ID-179194-1 to 2302
Golden Valley Wind Park - Golden Valley Wind Park	ID	Green Source (Renewable Usage)	2457	2457	Wind	5	2016	Yes	1862-ID-202353-1 to 2457
Meadow Creek Wind Farm - North Point Wind Farm	ID	Green Source (Renewable Usage)	16349	16349	Wind	5	2016	Yes	3185-ID-203856-1 to 16349
Meadow Creek Wind Farm - North Point Wind Farm	ID	Green Source (Renewable Usage)	5019	5019	Wind	2	2016	Yes	3185-ID-193946-14155 to 19173
Meadow Creek Wind Farm - North Point Wind Farm	ID	Green Source (Renewable Usage)	2457	2457	Wind	8	2015	Yes	3185-ID-174099-3262 to 5719
Meadow Creek Wind Farm - North Point Wind Farm	ID	Green Source (Renewable Usage)	804	804	Wind	8	2015	Yes	3185-ID-174099-1 to 804
Meadow Creek Wind Farm - North Point Wind Farm	ID	Green Source (Renewable Usage)	2457	2457	Wind	8	2015	Yes	3185-ID-174099-805 to 3261
Meadow Creek Wind Farm - North Point Wind Farm	ID	Green Source (Renewable Usage)	11359	11359	Wind	4	2016	Yes	3185-ID-200321-1 to 11359
Meadow Creek Wind Farm - North Point Wind Farm	ID	Green Source (Renewable Usage)	3240	3240	Wind	4	2016	Yes	3185-ID-200321-18860 to 22099
Meadow Creek Wind Farm - North Point Wind Farm	ID	Green Source (Renewable Usage)	18843	18843	Wind	6	2016	Yes	3185-ID-207432-1 to 18843
Mountain Air Wind Projects - Mountain Air Wind Projects	ID	Green Source (Renewable Usage)	27645	27645	Wind	5	2016	Yes	2869-ID-204704-543 to 28187

Mountain Air Wind Projects - Mountain Air Wind Projects	ID	Green Source (Renewable Usage)	22669	Wind	6	2016	Yes	2869-ID-208408-1 to 22669
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	ID	Green Source (Renewable Usage)	1920	Wind	10	2015	Yes	1882-ID-179371-1 to 1920
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	ID	Green Source (Renewable Usage)	2688	Wind	12	2015	Yes	1882-ID-185844-1 to 2688
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	ID	Green Source (Renewable Usage)	3463	Wind	4	2016	Yes	1882-ID-199295-1 to 3463
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	ID	Green Source (Renewable Usage)	3269	Wind	2	2016	Yes	1882-ID-192740-1 to 3269
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	ID	Green Source (Renewable Usage)	2996	Wind	5	2016	Yes	1882-ID-202509-1 to 2996
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	ID	Green Source (Renewable Usage)	4027	Wind	3	2016	Yes	1882-ID-195922-1 to 4027
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	ID	Green Source (Renewable Usage)	3610	Wind	1	2016	Yes	1882-ID-189530-1 to 3610
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	ID	Green Source (Renewable Usage)	2613	Wind	6	2016	Yes	1882-ID-206193-1 to 2613
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	ID	Green Source (Renewable Usage)	3207	Wind	11	2016	Yes	1882-ID-193547-1 to 3207
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	ID	Green Source (Renewable Usage)	2186	Wind	7	2015	Yes	1882-ID-170146-1 to 2186
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	ID	Green Source (Renewable Usage)	2604	Wind	8	2015	Yes	1882-ID-173314-1 to 2604
Oregon Trail Wind Park, LLC - Oregon Trail Wind Park	ID	Green Source (Renewable Usage)	1461	Wind	9	2015	Yes	1882-ID-176303-1 to 1461
Payne's Ferry Wind Park - Payne's Ferry Wind Park	ID	Green Source (Renewable Usage)	6767	Wind	3	2016	Yes	1866-ID-196318-1 to 6767
Payne's Ferry Wind Park - Payne's Ferry Wind Park	ID	Green Source (Renewable Usage)	5471	Wind	11	2015	Yes	1866-ID-182995-1 to 5471
Payne's Ferry Wind Park - Payne's Ferry Wind Park	ID	Green Source (Renewable Usage)	4093	Wind	6	2016	Yes	1866-ID-206605-1 to 4093
Payne's Ferry Wind Park - Payne's Ferry Wind Park	ID	Green Source (Renewable Usage)	6866	Wind	1	2016	Yes	1866-ID-19067-1 to 6866
Payne's Ferry Wind Park - Payne's Ferry Wind Park	ID	Green Source (Renewable Usage)	2413	Wind	9	2015	Yes	1866-ID-176295-1 to 2413
Payne's Ferry Wind Park - Payne's Ferry Wind Park	ID	Green Source (Renewable Usage)	4482	Wind	8	2015	Yes	1866-ID-173306-1 to 4482
Payne's Ferry Wind Park - Payne's Ferry Wind Park	ID	Green Source (Renewable Usage)	3601	Wind	7	2015	Yes	1866-ID-170138-1 to 3601
Payne's Ferry Wind Park - Payne's Ferry Wind Park	ID	Green Source (Renewable Usage)	4998	Wind	5	2016	Yes	1866-ID-202913-1 to 4998
Payne's Ferry Wind Park - Payne's Ferry Wind Park	ID	Green Source (Renewable Usage)	4928	Wind	12	2015	Yes	1866-ID-186347-1 to 4928
Payne's Ferry Wind Park - Payne's Ferry Wind Park	ID	Green Source (Renewable Usage)	6124	Wind	2	2016	Yes	1866-ID-193175-1 to 6124
Payne's Ferry Wind Park - Payne's Ferry Wind Park	ID	Green Source (Renewable Usage)	3250	Wind	10	2015	Yes	1866-ID-179833-1 to 3250
Payne's Ferry Wind Park - Payne's Ferry Wind Park	ID	Green Source (Renewable Usage)	5601	Wind	4	2016	Yes	1866-ID-199615-1 to 5601
Rockland Wind Farm - Rockland Wind Farm	ID	Green Source (Renewable Usage)	11442	Wind	2	2016	Yes	2445-ID-194290-1 to 11442
Rockland Wind Farm - Rockland Wind Farm	ID	Green Source (Renewable Usage)	9696	Wind	10	2015	Yes	2445-ID-181150-1 to 9696
Rockland Wind Farm - Rockland Wind Farm	ID	Green Source (Renewable Usage)	13142	Wind	3	2016	Yes	2445-ID-197434-1 to 13142
Rockland Wind Farm - Rockland Wind Farm	ID	Green Source (Renewable Usage)	13188	Wind	5	2016	Yes	2445-ID-204008-1 to 13188
Rockland Wind Farm - Rockland Wind Farm	ID	Green Source (Renewable Usage)	3095	Wind	5	2016	Yes	2445-ID-204008-13189 to 16283
Rockland Wind Farm - Rockland Wind Farm	ID	Green Source (Renewable Usage)	6097	Wind	7	2015	Yes	2445-ID-170445-1 to 6097
Rockland Wind Farm - Rockland Wind Farm	ID	Green Source (Renewable Usage)	7879	Wind	8	2015	Yes	2445-ID-173595-1 to 7879
Rockland Wind Farm - Rockland Wind Farm	ID	Green Source (Renewable Usage)	6210	Wind	9	2015	Yes	2445-ID-176600-1 to 6210
Rockland Wind Farm - Rockland Wind Farm	ID	Green Source (Renewable Usage)	12489	Wind	1	2016	Yes	2445-ID-191113-1 to 12489
Rockland Wind Farm - Rockland Wind Farm	ID	Green Source (Renewable Usage)	13251	Wind	11	2015	Yes	2445-ID-164286-1 to 13251
Rockland Wind Farm - Rockland Wind Farm	ID	Green Source (Renewable Usage)	13911	Wind	6	2016	Yes	2445-ID-207769-1 to 13911
Rockland Wind Farm - Rockland Wind Farm	ID	Green Source (Renewable Usage)	10842	Wind	4	2016	Yes	2445-ID-206647-13164 to 24005
Rockland Wind Farm - Rockland Wind Farm	ID	Green Source (Renewable Usage)	14146	Wind	12	2015	Yes	2445-ID-187850-1 to 14146
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	ID	Green Source (Renewable Usage)	4003	Wind	7	2015	Yes	1885-ID-170149-1 to 4003
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	ID	Green Source (Renewable Usage)	2645	Wind	9	2015	Yes	1885-ID-176306-1 to 2645
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	ID	Green Source (Renewable Usage)	4277	Wind	8	2015	Yes	1885-ID-173371-1 to 4277
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	ID	Green Source (Renewable Usage)	5790	Wind	1	2016	Yes	1885-ID-189349-1 to 5790
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	ID	Green Source (Renewable Usage)	5308	Wind	11	2015	Yes	1885-ID-182354-1 to 5308
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	ID	Green Source (Renewable Usage)	4511	Wind	6	2016	Yes	1885-ID-206042-1 to 4511
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	ID	Green Source (Renewable Usage)	6277	Wind	4	2016	Yes	1885-ID-199067-1 to 6277
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	ID	Green Source (Renewable Usage)	5236	Wind	5	2016	Yes	1885-ID-202348-1 to 5236
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	ID	Green Source (Renewable Usage)	3787	Wind	10	2015	Yes	1885-ID-179189-1 to 3787
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	ID	Green Source (Renewable Usage)	5685	Wind	12	2016	Yes	1885-ID-186865-1 to 5685
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	ID	Green Source (Renewable Usage)	5115	Wind	2	2016	Yes	1885-ID-192590-1 to 5115
Salmon Falls Wind Park, LLC - Salmon Falls Wind Park	ID	Green Source (Renewable Usage)	6828	Wind	3	2016	Yes	1885-ID-195774-1 to 6828
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	ID	Green Source (Renewable Usage)	3406	Wind	3	2016	Yes	1881-ID-195334-1 to 3406
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	ID	Green Source (Renewable Usage)	1122	Wind	12	2015	Yes	1881-ID-185052-1538 to 2659
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	ID	Green Source (Renewable Usage)	3713	Wind	1	2016	Yes	1881-ID-188824-1 to 3713
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	ID	Green Source (Renewable Usage)	2121	Wind	8	2016	Yes	1881-ID-205576-1 to 2121
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	ID	Green Source (Renewable Usage)	2909	Wind	4	2016	Yes	1881-ID-198607-1 to 2909
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	ID	Green Source (Renewable Usage)	3186	Wind	2	2016	Yes	1881-ID-192061-1 to 3186
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	ID	Green Source (Renewable Usage)	1561	Wind	10	2015	Yes	1881-ID-178593-1 to 1561
Thousand Springs Wind Park, LLC - Thousand Springs Wind Park	ID	Green Source (Renewable Usage)	2516	Wind	5	2016	Yes	1881-ID-201864-1 to 2516
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	ID	Green Source (Renewable Usage)	1523	Wind	7	2015	Yes	1883-ID-170147-1 to 1523
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	ID	Green Source (Renewable Usage)	1128	Wind	9	2015	Yes	1883-ID-176304-1 to 1128
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	ID	Green Source (Renewable Usage)	2013	Wind	8	2015	Yes	1883-ID-173315-1 to 2013
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	ID	Green Source (Renewable Usage)	3036	Wind	1	2016	Yes	1883-ID-190422-1 to 3036
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	ID	Green Source (Renewable Usage)	2060	Wind	6	2016	Yes	1883-ID-207109-1 to 2060
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	ID	Green Source (Renewable Usage)	2553	Wind	11	2015	Yes	1883-ID-183510-1 to 2553
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	ID	Green Source (Renewable Usage)	2341	Wind	5	2016	Yes	1883-ID-203350-1 to 2341
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	ID	Green Source (Renewable Usage)	1472	Wind	10	2015	Yes	1883-ID-180349-1 to 1472
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	ID	Green Source (Renewable Usage)	2640	Wind	2	2016	Yes	1883-ID-193840-1 to 2640
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	ID	Green Source (Renewable Usage)	2701	Wind	4	2016	Yes	1883-ID-200032-1 to 2701
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	ID	Green Source (Renewable Usage)	2272	Wind	12	2015	Yes	1883-ID-187044-1 to 2272
Tuana Gulch Wind Park, LLC - Tuana Gulch Wind Park	ID	Green Source (Renewable Usage)	3128	Wind	3	2016	Yes	1883-ID-196789-1 to 3128
Wolverine Creek - Wolverine Creek	ID	Green Source (Renewable Usage)	3769	Wind	4	2016	Yes	188-ID-200901-5240 to 9008
Wolverine Creek - Wolverine Creek	ID	Green Source (Renewable Usage)	11054	Wind	3	2016	Yes	188-ID-197708-1 to 11054
Wolverine Creek - Wolverine Creek	ID	Green Source (Renewable Usage)	592	Wind	2	2016	Yes	188-ID-194559-4575 to 5166
Wolverine Creek - Wolverine Creek	ID	Green Source (Renewable Usage)	6644	Wind	11	2015	Yes	188-ID-184525-5654 to 12297
Wolverine Creek - Wolverine Creek	ID	Green Source (Renewable Usage)	10044	Wind	12	2015	Yes	188-ID-188159-6336 to 16379
Wolverine Creek - Wolverine Creek	ID	Green Source (Renewable Usage)	3357	Wind	7	2015	Yes	188-ID-169099-4996 to 8352
Wolverine Creek - Wolverine Creek	ID	Green Source (Renewable Usage)	1786	Wind	2	2016	Yes	188-ID-194559-1 to 1786
Wolverine Creek - Wolverine Creek	ID	Green Source (Renewable Usage)	6373	Wind	9	2015	Yes	188-ID-175734-5563 to 11935
Wolverine Creek - Wolverine Creek	ID	Green Source (Renewable Usage)	5461	Wind	10	2016	Yes	188-ID-181442-4939 to 10399
Wolverine Creek - Wolverine Creek	ID	Green Source (Renewable Usage)	4137	Wind	8	2015	Yes	188-ID-172316-5092 to 9228
Yahoo Creek Wind Park - Yahoo Creek Wind Park	ID	Green Source (Renewable Usage)	3810	Wind	7	2015	Yes	1874-ID-170141-1 to 3810
Yahoo Creek Wind Park - Yahoo Creek Wind Park	ID	Green Source (Renewable Usage)	2527	Wind	9	2015	Yes	1874-ID-176298-1 to 2527
Yahoo Creek Wind Park - Yahoo Creek Wind Park	ID	Green Source (Renewable Usage)	4392	Wind	8	2015	Yes	1874-ID-173309-1 to 4392
Yahoo Creek Wind Park - Yahoo Creek Wind Park	ID	Green Source (Renewable Usage)	6540	Wind	3	2016	Yes	1874-ID-196828-1 to 6540
Yahoo Creek Wind Park - Yahoo Creek Wind Park	ID	Green Source (Renewable Usage)	5313	Wind	11	2015	Yes	1874-ID-183655-1 to 5313
Yahoo Creek Wind Park - Yahoo Creek Wind Park	ID	Green Source (Renewable Usage)	4392	Wind	6	2016	Yes	1874-ID-207160-1 to 4392
Yahoo Creek Wind Park - Yahoo Creek Wind Park	ID	Green Source (Renewable Usage)	6702	Wind	1	2016	Yes	1874-ID-190465-1 to 6702
Yahoo Creek Wind Park - Yahoo Creek Wind Park	ID	Green Source (Renewable Usage)	5406	Wind	4	2016	Yes	1874-ID-200069-1 to 5406
Yahoo Creek Wind Park - Yahoo Creek Wind Park	ID	Green Source (Renewable Usage)	4900	Wind	12	2015	Yes	1874-ID-187092-1 to 4900
Yahoo Creek Wind Park - Yahoo Creek Wind Park	ID	Green Source (Renewable Usage)	5812	Wind	2	2016	Yes	1874-ID-193691-1 to 5812
Yahoo Creek Wind Park - Yahoo Creek Wind Park	ID	Green Source (Renewable Usage)	3442	Wind	10	2015	Yes	1874-ID-180402-1 to 3442
Yahoo Creek Wind Park - Yahoo Creek Wind Park	ID	Green Source (Renewable Usage)	5201	Wind	5	2016	Yes	1874-ID-203396-1 to 5201
Condon Wind Power Project - Condon Phase II	OR	Green Source (Renewable Usage)	55	Wind	8	2015	Yes	833-OR-172703-1060 to 1114
Condon Wind Power Project - Condon Phase II	OR	Green Source (Renewable Usage)	34	Wind	9	2015	Yes	833-OR-175746-673 to 706
Condon Wind Power Project - Condon Phase II	OR	Green Source (Renewable Usage)	39	Wind	7	2015	Yes	833-OR-169512-776 to 814
Condon Wind Power Project - Condon Phase II	OR	Green Source (Renewable Usage)	97	Wind	12	2015	Yes	833-OR-186310-1792 to 1888
Condon Wind Power Project - Condon Phase II	OR	Green Source (Renewable Usage)	51	Wind	10	2015	Yes	833-OR-179806-958 to 1008
Condon Wind Power Project - Condon Phase II	OR	Green Source (Renewable Usage)	72	Wind	11	2015	Yes	833-OR-182864-1337 to 1408
Eikhon Valley Wind Farm - Eikhon Valley Wind Farm	OR	Green Source (Renewable Usage)	3562	Wind	8	2016	Yes	186-OR-172314-5120 to 8681

Klondike III - Klondike Wind Power III LLC	OR	Green Source (Renewable Usage)	125	125	Wind	9	2015	Yes	237-OR-17505-2455 to 2579
Klondike III - Klondike Wind Power III LLC	OR	Green Source (Renewable Usage)	176	176	Wind	8	2015	Yes	237-OR-172350-3454 to 3629
Klondike III - Klondike Wind Power III LLC	OR	Green Source (Renewable Usage)	205	205	Wind	7	2015	Yes	237-OR-169132-63958 to 64162
Klondike III - Klondike Wind Power III LLC	OR	Green Source (Renewable Usage)	89	89	Wind	10	2015	Yes	237-OR-191359-28588 to 28688
Klondike III - Klondike Wind Power III LLC	OR	Green Source (Renewable Usage)	103	103	Wind	11	2015	Yes	237-OR-184438-1923 to 2025
Klondike III - Klondike Wind Power III LLC	OR	Green Source (Renewable Usage)	73	73	Wind	12	2015	Yes	237-OR-180664-7312 to 7384
Leaning Juniper I - Leaning Juniper I	OR	Green Source (Renewable Usage)	6594	6594	Wind	11	2015	Yes	200-OR-181620-7472 to 14065
Leaning Juniper I - Leaning Juniper I	OR	Green Source (Renewable Usage)	4080	4080	Wind	3	2016	Yes	200-OR-195163-1 to 4080
Leaning Juniper I - Leaning Juniper I	OR	Green Source (Renewable Usage)	56	56	Wind	1	2016	Yes	200-OR-188608-4414 to 4469
Leaning Juniper I - Leaning Juniper I	OR	Green Source (Renewable Usage)	59	59	Wind	2	2016	Yes	200-OR-191860-6173 to 6231
Leaning Juniper I - Leaning Juniper I	OR	Green Source (Renewable Usage)	1720	1720	Wind	7	2015	Yes	200-OR-169109-21854 to 23573
Leaning Juniper I - Leaning Juniper I	OR	Green Source (Renewable Usage)	5373	5373	Wind	7	2015	Yes	200-OR-169109-6085 to 11457
Leaning Juniper I - Leaning Juniper I	OR	Green Source (Renewable Usage)	6172	6172	Wind	2	2016	Yes	200-OR-191860-1 to 6172
Leaning Juniper I - Leaning Juniper I	OR	Green Source (Renewable Usage)	4413	4413	Wind	1	2016	Yes	200-OR-188608-1 to 4413
Leaning Juniper I - Leaning Juniper I	OR	Green Source (Renewable Usage)	6768	6768	Wind	8	2015	Yes	200-OR-172327-14301 to 21068
Leaning Juniper I - Leaning Juniper I	OR	Green Source (Renewable Usage)	3670	3670	Wind	9	2015	Yes	200-OR-175384-12072 to 15741
Leaning Juniper I - Leaning Juniper I	OR	Green Source (Renewable Usage)	4099	4099	Wind	10	2015	Yes	200-OR-178239-8408 to 12416
Neal Hot Springs Unit #1 - Neal Hot Springs Geothermal	OR	Green Source (Renewable Usage)	6068	6068	Geothermal Energy	8	2015	Yes	3155-OR-174084-3983 to 10050
Neal Hot Springs Unit #1 - Neal Hot Springs Geothermal	OR	Green Source (Renewable Usage)	1932	1932	Geothermal Energy	11	2015	Yes	3155-OR-183541-1 to 1932
PaTu Wind Farm - PaTu Wind	OR	Green Source (Renewable Usage)	500	500	Wind	8	2015	Yes	1844-OR-173294-2212 to 2711
Steel Bridge - Steel Bridge	OR	Green Source (Renewable Usage)	499	499	Solar	8	2016	Yes	4787-OR-215185-1 to 499
Steel Bridge - Steel Bridge	OR	Green Source (Renewable Usage)	78	78	Solar	11	2016	Yes	4787-OR-226442-17 to 94
Goodnoe Hills - Goodnoe Hills	WA	Green Source (Renewable Usage)	1310	1310	Wind	4	2016	Yes	536-WA-198858-5807 to 7276
Goodnoe Hills - Goodnoe Hills	WA	Green Source (Renewable Usage)	13808	13808	Wind	3	2016	Yes	536-WA-195569-1 to 13808
Goodnoe Hills - Goodnoe Hills	WA	Green Source (Renewable Usage)	1596	1596	Wind	12	2015	Yes	536-WA-185371-8276 to 9871
Goodnoe Hills - Goodnoe Hills	WA	Green Source (Renewable Usage)	8227	8227	Wind	11	2015	Yes	536-WA-182113-8946 to 17172
Goodnoe Hills - Goodnoe Hills	WA	Green Source (Renewable Usage)	75	75	Wind	1	2016	Yes	536-WA-189105-5899 to 5973
Goodnoe Hills - Goodnoe Hills	WA	Green Source (Renewable Usage)	5681	5681	Wind	7	2015	Yes	536-WA-169343-16599 to 22279
Goodnoe Hills - Goodnoe Hills	WA	Green Source (Renewable Usage)	548	548	Wind	2	2016	Yes	536-WA-192345-9033 to 9580
Goodnoe Hills - Goodnoe Hills	WA	Green Source (Renewable Usage)	9032	9032	Wind	2	2015	Yes	536-WA-192345-1 to 9032
Goodnoe Hills - Goodnoe Hills	WA	Green Source (Renewable Usage)	5898	5898	Wind	1	2016	Yes	536-WA-189105-1 to 5898
Goodnoe Hills - Goodnoe Hills	WA	Green Source (Renewable Usage)	5487	5487	Wind	10	2015	Yes	536-WA-178932-9087 to 14573
Goodnoe Hills - Goodnoe Hills	WA	Green Source (Renewable Usage)	2203	2203	Wind	9	2015	Yes	536-WA-176607-13387 to 15589
Goodnoe Hills - Goodnoe Hills	WA	Green Source (Renewable Usage)	1008	1008	Wind	8	2015	Yes	536-WA-172550-20815 to 21822
Marengo - Marengo	WA	Green Source (Renewable Usage)	11439	11439	Wind	10	2015	Yes	185-WA-178378-14627 to 26065
Marengo - Marengo	WA	Green Source (Renewable Usage)	4674	4674	Wind	9	2015	Yes	185-WA-175370-16970 to 20652
Marengo - Marengo	WA	Green Source (Renewable Usage)	5227	5227	Wind	8	2015	Yes	185-WA-172313-18687 to 23913
Marengo - Marengo	WA	Green Source (Renewable Usage)	6513	6513	Wind	7	2015	Yes	185-WA-169096-21111 to 27623
Marengo - Marengo	WA	Green Source (Renewable Usage)	10670	10670	Wind	2	2016	Yes	185-WA-191898-7197 to 17866
Marengo - Marengo	WA	Green Source (Renewable Usage)	6601	6601	Wind	3	2016	Yes	185-WA-198041-1 to 6601
Marengo - Marengo	WA	Green Source (Renewable Usage)	13524	13524	Wind	11	2015	Yes	185-WA-181657-14156 to 27679
Marengo - Marengo	WA	Green Source (Renewable Usage)	5463	5463	Wind	12	2015	Yes	185-WA-184885-18640 to 24110
Marengo II - Marengo II	WA	Green Source (Renewable Usage)	4427	4427	Wind	12	2015	Yes	772-WA-187638-9011 to 13437
Marengo II - Marengo II	WA	Green Source (Renewable Usage)	6191	6191	Wind	11	2015	Yes	772-WA-184026-6948 to 13138
Marengo II - Marengo II	WA	Green Source (Renewable Usage)	8019	8019	Wind	3	2016	Yes	772-WA-197258-1 to 8019
Marengo II - Marengo II	WA	Green Source (Renewable Usage)	3234	3234	Wind	1	2016	Yes	772-WA-190917-5221 to 8454
Marengo II - Marengo II	WA	Green Source (Renewable Usage)	222	222	Wind	7	2015	Yes	772-WA-169480-12798 to 13019
Marengo II - Marengo II	WA	Green Source (Renewable Usage)	8367	8367	Wind	2	2016	Yes	772-WA-194111-1 to 8367
Marengo II - Marengo II	WA	Green Source (Renewable Usage)	5220	5220	Wind	1	2016	Yes	772-WA-190917-1 to 5220
Marengo II - Marengo II	WA	Green Source (Renewable Usage)	2890	2890	Wind	8	2015	Yes	772-WA-172673-8233 to 12122
Marengo II - Marengo II	WA	Green Source (Renewable Usage)	1070	1070	Wind	9	2015	Yes	772-WA-175717-6702 to 7771
Marengo II - Marengo II	WA	Green Source (Renewable Usage)	5382	5382	Wind	10	2015	Yes	772-WA-180904-6097 to 11478
Nine Canyon Wind Project - Nine Canyon Phase 3	WA	Green Source (Renewable Usage)	252	252	Wind	7	2016	Yes	697-WA-211455-304 to 555
Nine Canyon Wind Project - Nine Canyon Phase 3	WA	Green Source (Renewable Usage)	299	299	Wind	7	2016	Yes	697-WA-168416-6 to 304
Nine Canyon Wind Project - Nine Canyon Phase 3	WA	Green Source (Renewable Usage)	572	572	Wind	8	2016	Yes	697-WA-214775-5 to 576
Nine Canyon Wind Project - Nine Canyon Phase 3	WA	Green Source (Renewable Usage)	892	892	Wind	7	2016	Yes	684-WA-211454-6 to 897
White Creek Wind 1 - White Creek	WA	Green Source (Renewable Usage)	11	11	Wind	8	2016	Yes	360-WA-212828-3467 to 3477
Campbell Hill - Campbell Hill	WY	Green Source (Renewable Usage)	6015	6015	Wind	9	2015	Yes	1383-WY-176058-10575 to 16589
Campbell Hill - Campbell Hill	WY	Green Source (Renewable Usage)	1970	1970	Wind	7	2015	Yes	1383-WY-169859-13230 to 15199
Campbell Hill - Campbell Hill	WY	Green Source (Renewable Usage)	6552	6552	Wind	8	2015	Yes	1383-WY-173063-8100 to 14651
Chevron Casper Wind Farm - Chevron Casper Wind Farm	WY	Green Source (Renewable Usage)	1106	1106	Wind	8	2015	Yes	1370-WY-173055-5224 to 1629
Chevron Casper Wind Farm - Chevron Casper Wind Farm	WY	Green Source (Renewable Usage)	1455	1455	Wind	7	2015	Yes	1370-WY-169848-615 to 2069
Dunlap I - Dunlap I	WY	Green Source (Renewable Usage)	1493	1493	Wind	9	2015	Yes	1687-WY-176220-10269 to 11761
Dunlap I - Dunlap I	WY	Green Source (Renewable Usage)	7037	7037	Wind	8	2015	Yes	1687-WY-173228-7827 to 14863
Dunlap I - Dunlap I	WY	Green Source (Renewable Usage)	9425	9425	Wind	7	2015	Yes	1687-WY-170054-6870 to 18294
Glenrock I - Glenrock I	WY	Green Source (Renewable Usage)	3150	3150	Wind	7	2015	Yes	964-WY-169624-14344 to 17483
Glenrock I - Glenrock I	WY	Green Source (Renewable Usage)	6849	6849	Wind	8	2015	Yes	964-WY-172830-9014 to 15862
Glenrock I - Glenrock I	WY	Green Source (Renewable Usage)	4018	4018	Wind	9	2015	Yes	964-WY-175831-11118 to 15135
Glenrock III - Glenrock III	WY	Green Source (Renewable Usage)	309	309	Wind	9	2015	Yes	965-WY-175832-3431 to 3739
Glenrock III - Glenrock III	WY	Green Source (Renewable Usage)	2449	2449	Wind	8	2015	Yes	965-WY-172831-2898 to 5346
Glenrock III - Glenrock III	WY	Green Source (Renewable Usage)	2812	2812	Wind	7	2015	Yes	965-WY-169625-2915 to 5726
High Plains - High Plains	WY	Green Source (Renewable Usage)	5147	5147	Wind	8	2015	Yes	1334-WY-173043-6444 to 11590
High Plains - High Plains	WY	Green Source (Renewable Usage)	6543	6543	Wind	7	2015	Yes	1334-WY-169837-6895 to 13437
High Plains - High Plains	WY	Green Source (Renewable Usage)	512	512	Wind	9	2015	Yes	1334-WY-176035-8217 to 8728
McFadden Ridge - McFadden Ridge	WY	Green Source (Renewable Usage)	1529	1529	Wind	8	2015	Yes	1341-WY-173047-2006 to 3534
McFadden Ridge - McFadden Ridge	WY	Green Source (Renewable Usage)	2450	2450	Wind	7	2015	Yes	1341-WY-169841-2001 to 4450
Mountain Wind Power - Mountain Wind Power	WY	Green Source (Renewable Usage)	8335	8335	Wind	12	2015	Yes	1022-WY-185518-7803 to 16137
Mountain Wind Power - Mountain Wind Power	WY	Green Source (Renewable Usage)	5157	5157	Wind	7	2015	Yes	1022-WY-169688-1777 to 7333
Mountain Wind Power - Mountain Wind Power	WY	Green Source (Renewable Usage)	1244	1244	Wind	8	2015	Yes	1022-WY-172675-169 to 3412
Mountain Wind Power - Mountain Wind Power	WY	Green Source (Renewable Usage)	3896	3896	Wind	8	2015	Yes	1022-WY-172879-3413 to 7308
Mountain Wind Power - Mountain Wind Power	WY	Green Source (Renewable Usage)	2155	2155	Wind	9	2015	Yes	1022-WY-175864-6598 to 8752
Mountain Wind Power - Mountain Wind Power	WY	Green Source (Renewable Usage)	2453	2453	Wind	10	2015	Yes	1022-WY-179052-6722 to 9174
Mountain Wind Power - Mountain Wind Power	WY	Green Source (Renewable Usage)	7400	7400	Wind	11	2015	Yes	1022-WY-182228-7531 to 14930
Mountain Wind Power II - Mountain Wind Power II	WY	Green Source (Renewable Usage)	11639	11639	Wind	11	2015	Yes	1023-WY-181688-8262 to 19900
Mountain Wind Power II - Mountain Wind Power II	WY	Green Source (Renewable Usage)	4269	4269	Wind	10	2015	Yes	1023-WY-178421-7315 to 12163
Mountain Wind Power II - Mountain Wind Power II	WY	Green Source (Renewable Usage)	2105	2105	Wind	12	2015	Yes	1023-WY-184021-14947 to 15056
Mountain Wind Power II - Mountain Wind Power II	WY	Green Source (Renewable Usage)	3426	3426	Wind	9	2015	Yes	1023-WY-175865-8129 to 11554
Mountain Wind Power II - Mountain Wind Power II	WY	Green Source (Renewable Usage)	4322	4322	Wind	8	2015	Yes	1023-WY-172879-5603 to 9924
Mountain Wind Power II - Mountain Wind Power II	WY	Green Source (Renewable Usage)	2658	2658	Wind	8	2015	Yes	1023-WY-172879-2945 to 5602
Mountain Wind Power II - Mountain Wind Power II	WY	Green Source (Renewable Usage)	6857	6857	Wind	7	2015	Yes	1023-WY-169689-2893 to 9749
Rolling Hills - Rolling Hills	WY	Green Source (Renewable Usage)	2521	2521	Wind	7	2015	Yes	928-WY-169553-6880 to 9500
Rolling Hills - Rolling Hills	WY	Green Source (Renewable Usage)	4357	4357	Wind	9	2015	Yes	928-WY-178103-3601 to 9257
Rolling Hills - Rolling Hills	WY	Green Source (Renewable Usage)	5955	5955	Wind	8	2015	Yes	928-WY-172787-3095 to 9049
Top of the World - Top of the World	WY	Green Source (Renewable Usage)	14602	14602	Wind	10	2015	Yes	1749-WY-178479-28354 to 42955
Top of the World - Top of the World	WY	Green Source (Renewable Usage)	8313	8313	Wind	9	2015	Yes	1749-WY-176244-1842 to 27254
Top of the World - Top of the World	WY	Green Source (Renewable Usage)	4381	4381	Wind	7	2015	Yes	1749-WY-170083-19426 to 23806
Top of the World - Top of the World	WY	Green Source (Renewable Usage)	15826	15826	Wind	8	2015	Yes	1749-WY-173254-7002 to 32827
Klondike III - Klondike Wind Power III LLC	OR	Clean Wind - CAI (Fixed Renewable)	7985	7985	Wind	8	2015	Yes	237-OR-174685-38322 to 47368
Klondike III - Klondike Wind Power III LLC	OR	Clean Wind - CAI (Fixed Renewable)	4674	4674	Wind	8	2015	Yes	237-OR-172350-51763 to 56436

Klondike III - Klondike Wind Power III LLC	OR	Clean Wind - C&I (Fixed Renewable)	2593	2593	Wind	9	2015	Yes	237-OR-175405-36729 to 39321
Leaning Juniper I - Leaning Juniper I	OR	Clean Wind - C&I (Fixed Renewable)	10880	10880	Wind	6	2016	Yes	200-OR-205390-1 to 10880
Leaning Juniper I - Leaning Juniper I	OR	Clean Wind - C&I (Fixed Renewable)	72	72	Wind	11	2015	Yes	200-OR-181620-14066 to 14137
Leaning Juniper I - Leaning Juniper I	OR	Clean Wind - C&I (Fixed Renewable)	1709	1709	Wind	8	2015	Yes	200-OR-172327-5147 to 6855
Leaning Juniper I - Leaning Juniper I	OR	Clean Wind - C&I (Fixed Renewable)	7848	7848	Wind	12	2015	Yes	200-OR-184850-7816 to 15663
Leaning Juniper I - Leaning Juniper I	OR	Clean Wind - C&I (Fixed Renewable)	376	376	Wind	7	2015	Yes	200-OR-169109-13147 to 13522
Leaning Juniper I - Leaning Juniper I	OR	Clean Wind - C&I (Fixed Renewable)	100	100	Wind	4	2016	Yes	200-OR-198417-14051 to 14150
Leaning Juniper I - Leaning Juniper I	OR	Clean Wind - C&I (Fixed Renewable)	6100	6100	Wind	5	2016	Yes	200-OR-201678-9979 to 16078
Leaning Juniper I - Leaning Juniper I	OR	Clean Wind - C&I (Fixed Renewable)	2500	2500	Wind	9	2015	Yes	200-OR-175384-1 to 2500
Goodnoe Hills - Goodnoe Hills	WA	Clean Wind - C&I (Fixed Renewable)	4000	4000	Wind	7	2015	Yes	536-WA-183431-4725 to 8724
Goodnoe Hills - Goodnoe Hills	WA	Clean Wind - C&I (Fixed Renewable)	9009	9009	Wind	8	2015	Yes	536-WA-172550-4095 to 13103
Goodnoe Hills - Goodnoe Hills	WA	Clean Wind - C&I (Fixed Renewable)	5000	5000	Wind	9	2015	Yes	536-WA-175607-1 to 5000
Hopkins Ridge - Hopkins Ridge	WA	Clean Wind - C&I (Fixed Renewable)	8284	8284	Wind	9	2015	Yes	184-WA-175369-1 to 8284
Hopkins Ridge - Hopkins Ridge	WA	Clean Wind - C&I (Fixed Renewable)	33651	33651	Wind	7	2015	Yes	184-WA-169096-1 to 33651
Hopkins Ridge - Hopkins Ridge	WA	Clean Wind - C&I (Fixed Renewable)	32313	32313	Wind	8	2015	Yes	184-WA-172312-1 to 32313
Juniper Canyon - Juniper Canyon	WA	Clean Wind - C&I (Fixed Renewable)	1150	1150	Wind	12	2015	Yes	1690-WA-186104-28788 to 29937
Marengo - Marengo	WA	Clean Wind - C&I (Fixed Renewable)	4000	4000	Wind	9	2015	Yes	185-WA-175371-1 to 4000
Marengo - Marengo	WA	Clean Wind - C&I (Fixed Renewable)	5046	5046	Wind	8	2015	Yes	185-WA-172313-5190 to 10235
Marengo II - Marengo II	WA	Clean Wind - C&I (Fixed Renewable)	2710	2710	Wind	8	2015	Yes	772-WA-172673-2239 to 4948
Marengo II - Marengo II	WA	Clean Wind - C&I (Fixed Renewable)	2000	2000	Wind	9	2015	Yes	772-WA-175717-1 to 2000
Campbell Hill - Campbell Hill	WY	Clean Wind - C&I (Fixed Renewable)	9342	9342	Wind	11	2015	Yes	1383-WY-181889-26998 to 36339
Campbell Hill - Campbell Hill	WY	Clean Wind - C&I (Fixed Renewable)	9301	9301	Wind	10	2015	Yes	1383-WY-178664-1287 to 21687
Campbell Hill - Campbell Hill	WY	Clean Wind - C&I (Fixed Renewable)	3295	3295	Wind	9	2015	Yes	1383-WY-176058-6550 to 19864
Chevron Casper Wind Farm - Chevron Casper Wind Farm	WY	Clean Wind - C&I (Fixed Renewable)	133	133	Wind	8	2015	Yes	1370-WY-173055-1630 to 1762
Chevron Casper Wind Farm - Chevron Casper Wind Farm	WY	Clean Wind - C&I (Fixed Renewable)	1412	1412	Wind	9	2015	Yes	1370-WY-176048-597 to 2008
Chevron Casper Wind Farm - Chevron Casper Wind Farm	WY	Clean Wind - C&I (Fixed Renewable)	1513	1513	Wind	10	2015	Yes	1370-WY-178425-639 to 2151
Chevron Casper Wind Farm - Chevron Casper Wind Farm	WY	Clean Wind - C&I (Fixed Renewable)	809	809	Wind	11	2015	Yes	1370-WY-181692-1278 to 2086
Duntap I - Duntap I	WY	Clean Wind - C&I (Fixed Renewable)	10859	10859	Wind	10	2015	Yes	1687-WY-178649-1329 to 24097
Duntap I - Duntap I	WY	Clean Wind - C&I (Fixed Renewable)	6801	6801	Wind	11	2015	Yes	1687-WY-181875-31529 to 38239
Duntap I - Duntap I	WY	Clean Wind - C&I (Fixed Renewable)	9447	9447	Wind	9	2015	Yes	1687-WY-176220-1762 to 21208
Glenrock I - Glenrock I	WY	Clean Wind - C&I (Fixed Renewable)	5689	5689	Wind	9	2015	Yes	964-WY-175831-15136 to 20824
Glenrock I - Glenrock I	WY	Clean Wind - C&I (Fixed Renewable)	7375	7375	Wind	11	2015	Yes	964-WY-182026-25503 to 32877
Glenrock I - Glenrock I	WY	Clean Wind - C&I (Fixed Renewable)	8098	8098	Wind	10	2015	Yes	964-WY-178836-11804 to 19901
Glenrock III - Glenrock III	WY	Clean Wind - C&I (Fixed Renewable)	2925	2925	Wind	10	2015	Yes	965-WY-178658-3839 to 6763
Glenrock III - Glenrock III	WY	Clean Wind - C&I (Fixed Renewable)	2535	2535	Wind	11	2015	Yes	965-WY-182819-8658 to 11392
Glenrock III - Glenrock III	WY	Clean Wind - C&I (Fixed Renewable)	2950	2950	Wind	9	2015	Yes	965-WY-178832-3740 to 6889
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	2298	2298	Wind	8	2015	Yes	882-WY-172745-2300 to 4597
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	1993	1993	Wind	7	2015	Yes	882-WY-169551-1995 to 3987
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	1994	1994	Wind	7	2015	Yes	882-WY-169551-1 to 1994
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	4709	4709	Wind	12	2015	Yes	882-WY-187658-4711 to 9419
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	2299	2299	Wind	8	2015	Yes	882-WY-172745-1 to 2299
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	1	1	Wind	12	2015	Yes	882-WY-187658-4710 to 4710
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	3296	3296	Wind	11	2015	Yes	882-WY-184042-1 to 3296
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	2090	2090	Wind	9	2015	Yes	882-WY-175781-401 to 2490
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	4709	4709	Wind	12	2015	Yes	882-WY-187658-1 to 4709
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	400	400	Wind	9	2015	Yes	882-WY-180923-4580 to 4979
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	2089	2089	Wind	9	2015	Yes	882-WY-175781-2491 to 4579
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	400	400	Wind	9	2015	Yes	882-WY-175781-1 to 400
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	2904	2904	Wind	10	2015	Yes	882-WY-180924-1 to 2904
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	2603	2603	Wind	10	2015	Yes	882-WY-180924-2605 to 5207
Happy Jack - Happy Jack	WY	Clean Wind - C&I (Fixed Renewable)	3296	3296	Wind	11	2015	Yes	882-WY-184042-3297 to 6592
High Plains - High Plains	WY	Clean Wind - C&I (Fixed Renewable)	8045	8045	Wind	9	2015	Yes	1334-WY-176035-8729 to 16773
High Plains - High Plains	WY	Clean Wind - C&I (Fixed Renewable)	10377	10377	Wind	10	2015	Yes	1334-WY-179284-8779 to 20155
McFadden Ridge - McFadden Ridge	WY	Clean Wind - C&I (Fixed Renewable)	542	542	Wind	8	2015	Yes	1341-WY-173047-3535 to 4076
McFadden Ridge - McFadden Ridge	WY	Clean Wind - C&I (Fixed Renewable)	2969	2969	Wind	9	2015	Yes	1341-WY-176040-2530 to 5498
McFadden Ridge - McFadden Ridge	WY	Clean Wind - C&I (Fixed Renewable)	2497	2497	Wind	10	2015	Yes	1341-WY-178658-3693 to 6189
Mountain Wind Power II - Mountain Wind Power II	WY	Clean Wind - C&I (Fixed Renewable)	4094	4094	Wind	12	2015	Yes	1023-WY-184921-1056 to 14889
Rolling Hills - Rolling Hills	WY	Clean Wind - C&I (Fixed Renewable)	7872	7872	Wind	11	2015	Yes	928-WY-182578-12652 to 20523
Rolling Hills - Rolling Hills	WY	Clean Wind - C&I (Fixed Renewable)	7499	7499	Wind	10	2015	Yes	928-WY-179399-4532 to 12030
Rolling Hills - Rolling Hills	WY	Clean Wind - C&I (Fixed Renewable)	4003	4003	Wind	9	2015	Yes	928-WY-175810-7958 to 11960
Seven Mile Hill I - Seven Mile Hill I	WY	Clean Wind - C&I (Fixed Renewable)	5282	5282	Wind	9	2015	Yes	975-WY-175842-12775 to 18066
Seven Mile Hill I - Seven Mile Hill I	WY	Clean Wind - C&I (Fixed Renewable)	10631	10631	Wind	10	2015	Yes	975-WY-178302-11519 to 22149
Seven Mile Hill I - Seven Mile Hill I	WY	Clean Wind - C&I (Fixed Renewable)	5462	5462	Wind	11	2015	Yes	975-WY-181599-23896 to 29357
Seven Mile Hill II - Seven Mile Hill II	WY	Clean Wind - C&I (Fixed Renewable)	748	748	Wind	11	2015	Yes	976-WY-182278-5273 to 6020
Seven Mile Hill II - Seven Mile Hill II	WY	Clean Wind - C&I (Fixed Renewable)	2384	2384	Wind	10	2015	Yes	976-WY-179108-2392 to 4775
Seven Mile Hill II - Seven Mile Hill II	WY	Clean Wind - C&I (Fixed Renewable)	2055	2055	Wind	9	2015	Yes	976-WY-175843-2003 to 4057
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	4023	4023	Wind	9	2015	Yes	1323-WY-176030-2418 to 6440
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	1983	1983	Wind	9	2015	Yes	1323-WY-176030-6441 to 8423
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	1963	1963	Wind	10	2015	Yes	1323-WY-178604-1 to 1963
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	1722	1722	Wind	8	2015	Yes	1323-WY-173038-1706 to 3427
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	1705	1705	Wind	8	2015	Yes	1323-WY-173038-1 to 1705
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	1722	1722	Wind	8	2015	Yes	1323-WY-173038-3445 to 5166
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	1227	1227	Wind	7	2015	Yes	1323-WY-169832-4767 to 5993
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	2715	2715	Wind	7	2015	Yes	1323-WY-169832-2052 to 4766
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	6700	6700	Wind	12	2015	Yes	1323-WY-185063-4027 to 10726
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	1962	1962	Wind	10	2015	Yes	1323-WY-178604-3926 to 5887
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	4593	4593	Wind	11	2015	Yes	1323-WY-181834-1 to 4593
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	2296	2296	Wind	11	2015	Yes	1323-WY-181834-4594 to 8889
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	3350	3350	Wind	12	2015	Yes	1323-WY-185853-10727 to 14076
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	262	262	Wind	7	2015	Yes	1323-WY-169832-5094 to 8255
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	1962	1962	Wind	10	2015	Yes	1323-WY-178604-1964 to 3925
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	17	17	Wind	8	2015	Yes	1323-WY-173038-3428 to 3444
Silver Sage - Silver Sage	WY	Clean Wind - C&I (Fixed Renewable)	17	17	Wind	8	2015	Yes	1323-WY-173038-7236 to 7252
Top of the World - Top of the World	WY	Clean Wind - C&I (Fixed Renewable)	11560	11560	Wind	11	2015	Yes	1748-WY-181730-51652 to 63211
Top of the World - Top of the World	WY	Clean Wind - C&I (Fixed Renewable)	11056	11056	Wind	9	2015	Yes	1748-WY-178244-27255 to 38310
Top of the World - Top of the World	WY	Clean Wind - C&I (Fixed Renewable)	5838	5838	Wind	10	2015	Yes	1748-WY-178479-22516 to 28353
			TOTAL	1,523,189	1,523,189				

All resources purchased for the retail programs are considered "new renewable energy resources" per ORS 757.600, placed in operation after July 23, 1999.

Clean Wind customers do not receive solar RECs as a function of their monthly payments, these are RECs from projects partially funded by the Clean Wind Development fund and therefore RECs are retired on behalf of PGE's Clean Wind customers.

Balance of Net Purchases/Generation and Sales

	Total Purchases/ Generation (MWH)	Total Sales (MWH)	Total Purch/Gen minus Sales (MWH)
New Renewables			
Green Source	1,078,372	1,078,372	-
Green Future Solar	2,821	2,821	-
Clean Wind (Portfolio)	31,598	31,598	-
Clean Wind (C&I)	410,398	410,398	-
Total New Renewables	1,523,189	1,523,189	-

Verification of Product Content Labeling

Fuel (% of 100%)	Product 1 Clean Wind Portfolio (First Renewable)		Product 2 Green Source (Renewable Usage)		Product 3 Clean Wind CA (Post Renewable)		Product 4 Green Power Solar	
	Claimed Percentage	Actual Percentage**	Claimed Percentage	Actual Percentage	Claimed Percentage	Actual Percentage**	Claimed Percentage	Actual Percentage
Hydro	24.20%	24.20%	0.00%	0.00%	31.00%	31.00%	28.60%	28.60%
Nuclear	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Natural Gas	15.94%	15.94%	0.00%	0.00%	20.62%	20.62%	18.89%	18.89%
Coal	5.11%	5.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Solar	0.11%	0.11%	0.00%	0.00%	7.41%	7.41%	15.20%	15.20%
Biomass	0.72%	0.72%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Geothermal Energy	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Waste	0.17%	0.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Coal	24.20%	24.20%	0.00%	0.00%	31.32%	31.32%	28.64%	28.64%
Environmental Impact								
Nitrogen Oxide	105.00%	105.00%	0.00%	0.00%	95.24%	95.24%	97.88%	97.88%
Sulfur Dioxide	128.00%	128.00%	0.00%	0.00%	110.88%	110.88%	107.25%	107.25%
Carbon Dioxide	148.00%	148.00%	0.00%	0.00%	130.24%	130.24%	126.68%	126.68%
Mercury								

** (% above or below regional average)
** Based on 2014 System Mix assuming 200 kWh per block

CERTIFICATION: I CERTIFY THAT THE INFORMATION REPORTED IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

SIGNATURE: *[Signature]* TITLE: *Renewable Program Mgr* DATE: *9/1/2017*

NAME OF CONTACT PERSON AND PHONE NUMBER: *DARREN SPENCER 503-464-2726*