



e-FILING REPORT COVER SHEET

COMPANY NAME: Portland General Electric Company

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION?  No  Yes If yes, submit a redacted public version (or a cover letter) by email. Submit the confidential information as directed in OAR 860-001-0070 or the terms of an applicable protective order.

Select report type:  RE (Electric)  RG (Gas)  RW (Water)  RT (Telecommunications)  
 RO (Other, for example, industry safety information)

Did you previously file a similar report?  No  Yes, report docket number: RE 73

Report is required by:  OAR 860-038-0300(10)

Statute

Order

Note: A one-time submission required by an order is a compliance filing and not a report (file compliance in the applicable docket)

Other

(For example, federal regulations, or requested by Staff)

Is this report associated with a specific docket/case?  No  Yes, docket number:

List Key Words for this report. We use these to improve search results.

PGE's Electricity Product Claim Reconciliation Report

Send the completed Cover Sheet and the Report in an email addressed to [PUC.FilingCenter@puc.oregon.gov](mailto:PUC.FilingCenter@puc.oregon.gov)

Send confidential information, voluminous reports, or energy utility Results of Operations Reports to PUC Filing Center, PO Box 1088, Salem, OR 97308-1088 or by delivery service to 201 High Street SE Suite 100, Salem, OR 97301.



**Portland General Electric**  
121 SW Salmon Street · Portland, Ore. 97204

August 31, 2023

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

**RE: RE 73 PGE's 2022 Electricity Product Claim Reconciliation Report**

Portland General Electric Company (PGE) hereby submits under RE 73 the annual Product Claim Reconciliation Report for calendar year 2022. 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 2022. This filing complies with the annual reporting requirement in OAR 860-038-0300(10). PGE reviews methodologies to ensure accuracy and best practices, and our 2022 reporting year methodology has been performed consistently with the prior year, with one change:

- The Green Future Block and Green Future Choice products were combined in 2022 to be the same mix and price per kWh. This results in all renewable energy credits (RECs) that are associated with these products as being combined to align with the Green-e audited product supply.

If you have any questions about this filing, please contact Casey Manley at [casey.manley@pgn.com](mailto:casey.manley@pgn.com) or Mary Widman at [mary.widman@pgn.com](mailto:mary.widman@pgn.com)

Please direct all formal correspondence and requests to the following email address [pgc.opuc.filings@pgn.com](mailto:pgc.opuc.filings@pgn.com)

Sincerely,

*\s\ Robert Macfarlane*

Robert Macfarlane  
Manager, Pricing & Tariffs

Enclosure

**ELECTRICITY PRODUCT CLAIM RECONCILIATION REPORT - Per OAR 860-038-0300 (10)**  
**Electric Company / Electricity Service Supplier Name: Portland General Electric**  
**Reporting Year: 2022**

**Sale of Block Products**

Product Name	Block Size (kWh)	Residential/Small Non-Res	Large	Total	New	Existing	Total
		Customers	Nonresidential		Blocks	Renewables	
		Mwh Sold	Customers	Sold	MWH Sold	MWH Sold	MWH Sold
Green Future Block (Fixed Renewable)	200	20,589	-	102,945.00	20,589	-	20,589
Green Future Solar		2,334	-		2,334	-	2,334
Green Future Enterprise	1,000	-	484,129	-	484,129	-	484,129
<b>Total Block Sales</b>		<b>22,923</b>	<b>484,129</b>	<b>102,945</b>	<b>507,052</b>	<b>-</b>	<b>507,052</b>

**Sale of Blended Products**

Product Name	% New	% Existing	Portfolio	Large	New	Total	
	Renewables	Renewables	Customers	Nonresidential	Renewables		
	in Product	in Product	MWH Sold	Customers	MWH Sold	MWH Sold	
Green Future Choice (Renewable Usage)	100%	0%	2,092,127.00		2,092,127	2,092,127	
<b>Total Blended Sales</b>			<b>2,092,127</b>	<b>-</b>	<b>2,092,127</b>	<b>2,092,127</b>	
<b>Total All Product Sales RY2022</b>					<b>2,599,179</b>	<b>-</b>	<b>2,599,179</b>

**Retired on Behalf of PGE Renewable Development Fund**

	RECs (MWh) Retired on Behalf of PGE Renewable Development Fund					
PGE Renewable Development Fund	-	-	-	-	-	-
Green Future customers do not receive RECs from projects partially funded by the Renewable Development Fund as a function of their monthly payments. When applicable, these RECs from projects partially funded by the Renewable Development fund and therefore RECs are retired on behalf of PGE's Green Future customers						
<b>Total MWh/RECs retired for RY2022</b>						<b>2,599,179</b>

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

Generator Facility Name or Wholesale Supplier	Generator Location (City, State)	Purchased for	Total MWh Purchased or Generated	Net MWh Used to Meet Sales Requirement	Renewable Fuel Type	Date Generated (Month)	Date Generated (Year)	Tradable Renewable Credits?
American Falls Solar II, LLC	ID	Green Future Block/Choice	2048	2048	Solar	4	2022	Yes
American Falls Solar II, LLC	ID	Green Future Block/Choice	2578	2578	Solar	5	2022	Yes
American Falls Solar II, LLC	ID	Green Future Block/Choice	1559	1559	Solar	6	2022	Yes
American Falls Solar, LLC	ID	Green Future Block/Choice	342	342	Solar	3	2022	Yes
American Falls Solar, LLC	ID	Green Future Block/Choice	1971	1971	Solar	4	2022	Yes
American Falls Solar, LLC	ID	Green Future Block/Choice	2,428	2,428	Solar	5	2022	Yes
Black Eagle Solar	MT	Green Future Block/Choice	224	224	Solar	2	2022	Yes
Black Eagle Solar	MT	Green Future Block/Choice	433	433	Solar	3	2022	Yes
Black Eagle Solar	MT	Green Future Block/Choice	396	396	Solar	4	2022	Yes
Black Eagle Solar	MT	Green Future Block/Choice	701	701	Solar	5	2022	Yes
Black Eagle Solar	MT	Green Future Block/Choice	694	694	Solar	6	2022	Yes
Black Eagle Solar	MT	Green Future Block/Choice	100	100	Solar	1	2022	Yes
Carousel Wind Farm LLC	CO	Green Future Block/Choice	36,270	36,270	Wind	12	2021	Yes
Carousel Wind Farm LLC	CO	Green Future Block/Choice	2,310	2,310	Wind	1	2022	Yes
Cassia Wind Farm	ID	Green Future Block/Choice	1,201	1,201	Wind	6	2022	Yes
Chopin Wind Farm	OR	Green Future Block/Choice	84	84	Wind	12	2021	Yes

Chopin Wind Farm	OR	Green Future Block/Choice	3,249	3,249	Wind	11	2021	Yes
Chopin Wind Farm	OR	Green Future Block/Choice	2,160	2,160	Wind	10	2021	Yes
Chopin Wind Farm	OR	Green Future Block/Choice	2,022	2,022	Wind	9	2021	Yes
Chopin Wind Farm	OR	Green Future Block/Choice	765	765	Wind	8	2021	Yes
Clover Creek Solar	UT	Green Future Block/Choice	19,749	19,749	Solar	4	2022	Yes
Clover Creek Solar	UT	Green Future Block/Choice	22,752	22,752	Solar	5	2022	Yes
Clover Creek Solar	UT	Green Future Block/Choice	1,375	1,375	Solar	3	2022	Yes
Escalante Solar I	UT	Green Future Block/Choice	4,270	4,270	Solar	8	2021	Yes
Escalante Solar I	UT	Green Future Block/Choice	14,829	14,829	Solar	10	2021	Yes
Escalante Solar I	UT	Green Future Block/Choice	3,461	3,461	Solar	7	2021	Yes
Escalante Solar I	UT	Green Future Block/Choice	18,735	18,735	Solar	9	2021	Yes
Escalante Solar I	UT	Green Future Block/Choice	12,525	12,525	Solar	11	2021	Yes
Escalante Solar I	UT	Green Future Block/Choice	8,373	8,373	Solar	12	2021	Yes
Escalante Solar I	UT	Green Future Block/Choice	6,429	6,429	Solar	2	2022	Yes
Escalante Solar I	UT	Green Future Block/Choice	10,366	10,366	Solar	6	2022	Yes
Escalante Solar I	UT	Green Future Block/Choice	384	384	Solar	5	2022	Yes
Escalante Solar III	UT	Green Future Block/Choice	7,928	7,928	Solar	8	2021	Yes
Escalante Solar III	UT	Green Future Block/Choice	7,911	7,911	Solar	9	2021	Yes
Fighting Creek Landfill Gas Plant	ID	Green Future Block/Choice	1,398	1,398	Gaseous Biomass	7	2021	Yes
Fighting Creek Landfill Gas Plant	ID	Green Future Block/Choice	1,404	1,404	Gaseous Biomass	8	2021	Yes
Fighting Creek Landfill Gas Plant	ID	Green Future Block/Choice	1,430	1,430	Gaseous Biomass	9	2021	Yes
Fighting Creek Landfill Gas Plant	ID	Green Future Block/Choice	1,455	1,455	Gaseous Biomass	10	2021	Yes
Fighting Creek Landfill Gas Plant	ID	Green Future Block/Choice	1,431	1,431	Gaseous Biomass	11	2021	Yes
Fighting Creek Landfill Gas Plant	ID	Green Future Block/Choice	1,517	1,517	Gaseous Biomass	2	2022	Yes
Fighting Creek Landfill Gas Plant	ID	Green Future Block/Choice	773	773	Gaseous Biomass	3	2022	Yes
Fighting Creek Landfill Gas Plant	ID	Green Future Block/Choice	1,588	1,588	Gaseous Biomass	4	2022	Yes
Fighting Creek Landfill Gas Plant	ID	Green Future Block/Choice	1,534	1,534	Gaseous Biomass	5	2022	Yes
Fighting Creek Landfill Gas Plant	ID	Green Future Block/Choice	1,511	1,511	Gaseous Biomass	6	2022	Yes
Fighting Creek Landfill Gas Plant	ID	Green Future Block/Choice	435	435	Gaseous Biomass	1	2022	Yes
Finley Buttes Landfill Gas Power Plant	OR	Green Future Block/Choice	242	242	Gaseous Biomass	4	2022	Yes
Finley Buttes Landfill Gas Power Plant	OR	Green Future Block/Choice	2,127	2,127	Gaseous Biomass	10	2022	Yes
Finley Buttes Landfill Gas Power Plant	OR	Green Future Block/Choice	892	892	Gaseous Biomass	6	2022	Yes
Finley Buttes Landfill Gas Power Plant	OR	Green Future Block/Choice	2,019	2,019	Gaseous Biomass	11	2022	Yes
Finley Buttes Landfill Gas Power Plant	OR	Green Future Block/Choice	1,952	1,952	Gaseous Biomass	12	2022	Yes
Finley Buttes Landfill Gas Power Plant II	OR	Green Future Block/Choice	159	159	Gaseous Biomass	3	2022	Yes
Finley Buttes Landfill Gas Power Plant II	OR	Green Future Block/Choice	1,086	1,086	Gaseous Biomass	6	2022	Yes
Finley Buttes Landfill Gas Power Plant II	OR	Green Future Block/Choice	1,063	1,063	Gaseous Biomass	10	2022	Yes
Finley Buttes Landfill Gas Power Plant II	OR	Green Future Block/Choice	1,010	1,010	Gaseous Biomass	11	2022	Yes
Finley Buttes Landfill Gas Power Plant II	OR	Green Future Block/Choice	976	976	Gaseous Biomass	12	2022	Yes
Glenrock I	WY	Green Future Block/Choice	16,000	16,000	Wind	12	2021	Yes
Glenrock I	WY	Green Future Block/Choice	8,000	8,000	Wind	10	2021	Yes
Glenrock I	WY	Green Future Block/Choice	7,000	7,000	Wind	11	2021	Yes
Glenrock I	WY	Green Future Block/Choice	4,000	4,000	Wind	12	2021	Yes
Glenrock I	WY	Green Future Block/Choice	2,500	2,500	Wind	9	2021	Yes
Glenrock I	WY	Green Future Block/Choice	2,300	2,300	Wind	8	2021	Yes
Glenrock I	WY	Green Future Block/Choice	2,300	2,300	Wind	11	2021	Yes
Glenrock I	WY	Green Future Block/Choice	1,100	1,100	Wind	7	2021	Yes
Glenrock I	WY	Green Future Block/Choice	1,000	1,000	Wind	10	2021	Yes
Glenrock I	WY	Green Future Block/Choice	50	50	Wind	7	2021	Yes
Glenrock III	WY	Green Future Block/Choice	5,500	5,500	Wind	12	2021	Yes
Glenrock III	WY	Green Future Block/Choice	1,500	1,500	Wind	9	2021	Yes
Glenrock III	WY	Green Future Block/Choice	1,500	1,500	Wind	12	2021	Yes
Glenrock III	WY	Green Future Block/Choice	500	500	Wind	9	2021	Yes
Glenrock III	WY	Green Future Block/Choice	500	500	Wind	10	2021	Yes
Glenrock III	WY	Green Future Block/Choice	500	500	Wind	11	2021	Yes
Glenrock III	WY	Green Future Block/Choice	300	300	Wind	7	2021	Yes

Glenrock III	WY	Green Future Block/Choice	300	300	Wind	8	2021	Yes
Golden Valley Wind Park	ID	Green Future Block/Choice	4,270	4,270	Wind	12	2021	Yes
Golden Valley Wind Park	ID	Green Future Block/Choice	747	747	Wind	11	2021	Yes
Grand View PV Solar Two, Unit 2, 3, 4	ID	Green Future Block/Choice	1,686	1,686	Solar	12	2021	Yes
Grand View PV Solar Two, Unit 5	ID	Green Future Block/Choice	216	216	Solar	11	2021	Yes
Grand View PV Solar Two, Unit 5	ID	Green Future Block/Choice	598	598	Solar	12	2021	Yes
Granite Mountain Solar West	UT	Green Future Block/Choice	7,446	7,446	Solar	1	2022	Yes
Granite Mountain Solar West	UT	Green Future Block/Choice	1,383	1,383	Solar	5	2022	Yes
Granite Mountain Solar West	UT	Green Future Block/Choice	14,389	14,389	Solar	6	2022	Yes
Granite Mountain Solar West	UT	Green Future Block/Choice	10,907	10,907	Solar	3	2022	Yes
Granite Mountain Solar West	UT	Green Future Block/Choice	2,600	2,600	Solar	4	2022	Yes
Granite Mountain Solar West	UT	Green Future Block/Choice	14,392	14,392	Solar	5	2022	Yes
Granite Mountain Solar West	UT	Green Future Block/Choice	914	914	Solar	2	2022	Yes
Granite Mountain Solar West	UT	Green Future Block/Choice	7,741	7,741	Solar	2	2022	Yes
Granite Mountain Solar West	UT	Green Future Block/Choice	4,901	4,901	Solar	9	2021	Yes
Great Divide Solar	MT	Green Future Block/Choice	229	229	Solar	1	2022	Yes
Great Divide Solar	MT	Green Future Block/Choice	340	340	Solar	2	2022	Yes
Great Divide Solar	MT	Green Future Block/Choice	520	520	Solar	3	2022	Yes
Great Divide Solar	MT	Green Future Block/Choice	597	597	Solar	4	2022	Yes
Great Divide Solar	MT	Green Future Block/Choice	625	625	Solar	5	2022	Yes
Great Divide Solar	MT	Green Future Block/Choice	610	610	Solar	6	2022	Yes
Green Meadow Solar	MT	Green Future Block/Choice	171	171	Solar	1	2022	Yes
Green Meadow Solar	MT	Green Future Block/Choice	296	296	Solar	2	2022	Yes
Green Meadow Solar	MT	Green Future Block/Choice	455	455	Solar	3	2022	Yes
Green Meadow Solar	MT	Green Future Block/Choice	543	543	Solar	4	2022	Yes
Green Meadow Solar	MT	Green Future Block/Choice	623	623	Solar	5	2022	Yes
Green Meadow Solar	MT	Green Future Block/Choice	677	677	Solar	6	2022	Yes
Head of U Canal Hydro	ID	Green Future Block/Choice	878	878	Hydro	7	2021	Yes
Head of U Canal Hydro	ID	Green Future Block/Choice	874	874	Hydro	8	2021	Yes
Head of U Canal Hydro	ID	Green Future Block/Choice	598	598	Hydro	9	2021	Yes
Head of U Canal Hydro	ID	Green Future Block/Choice	184	184	Hydro	10	2021	Yes
Head of U Canal Hydro	ID	Green Future Block/Choice	179	179	Hydro	4	2022	Yes
Head of U Canal Hydro	ID	Green Future Block/Choice	647	647	Hydro	5	2022	Yes
Head of U Canal Hydro	ID	Green Future Block/Choice	764	764	Hydro	6	2022	Yes
Horse Butte Wind	ID	Green Future Block/Choice	1,309	1,309	Wind	12	2021	Yes
Horse Butte Wind	ID	Green Future Block/Choice	805	805	Wind	10	2021	Yes
Horse Butte Wind	ID	Green Future Block/Choice	795	795	Wind	11	2021	Yes
Horse Butte Wind	ID	Green Future Block/Choice	561	561	Wind	9	2021	Yes
Horse Butte Wind	ID	Green Future Block/Choice	501	501	Wind	8	2021	Yes
Horse Butte Wind	ID	Green Future Block/Choice	429	429	Wind	7	2021	Yes
Iron Springs	UT	Green Future Block/Choice	22,195	22,195	Solar	8	2021	Yes
Iron Springs	UT	Green Future Block/Choice	18,949	18,949	Solar	7	2021	Yes
Iron Springs	UT	Green Future Block/Choice	20,578	20,578	Solar	9	2021	Yes
Iron Springs	UT	Green Future Block/Choice	15,054	15,054	Solar	10	2021	Yes
Iron Springs	UT	Green Future Block/Choice	10,000	10,000	Solar	11	2021	Yes
Iron Springs	UT	Green Future Block/Choice	8,991	8,991	Solar	12	2021	Yes
Magpie Solar	MT	Green Future Block/Choice	170	170	Solar	1	2022	Yes
Magpie Solar	MT	Green Future Block/Choice	235	235	Solar	2	2022	Yes
Magpie Solar	MT	Green Future Block/Choice	451	451	Solar	3	2022	Yes
Magpie Solar	MT	Green Future Block/Choice	555	555	Solar	4	2022	Yes
Magpie Solar	MT	Green Future Block/Choice	573	573	Solar	5	2022	Yes
Magpie Solar	MT	Green Future Block/Choice	719	719	Solar	6	2022	Yes
MC6 Hydro	ID	Green Future Block/Choice	1,158	1,158	Hydro	7	2021	Yes
MC6 Hydro	ID	Green Future Block/Choice	943	943	Hydro	8	2021	Yes
MC6 Hydro	ID	Green Future Block/Choice	478	478	Hydro	9	2021	Yes
Meadow Creek Project Company LLC - North Point Project	ID	Green Future Block/Choice	29,907	29,907	Wind	12	2021	Yes

Mountain Air Projects	ID	Green Future Block/Choice	26,410	26,410	Wind	8	2021	Yes
Mountain Air Projects	ID	Green Future Block/Choice	3,590	3,590	Wind	9	2021	Yes
Mountain Home Solar 1, LLC	ID	Green Future Block/Choice	989	989	Solar	11	2021	Yes
Mountain Home Solar 1, LLC	ID	Green Future Block/Choice	2,375	2,375	Solar	8	2021	Yes
Mountain Home Solar 1, LLC	ID	Green Future Block/Choice	616	616	Solar	12	2021	Yes
Mountain Home Solar 1, LLC	ID	Green Future Block/Choice	2,190	2,190	Solar	7	2021	Yes
Mountain Home Solar 1, LLC	ID	Green Future Block/Choice	600	600	Solar	4	2022	Yes
Mountain Home Solar 1, LLC	ID	Green Future Block/Choice	2,546	2,546	Solar	5	2022	Yes
Mountain Home Solar 1, LLC	ID	Green Future Block/Choice	1,601	1,601	Solar	6	2022	Yes
Mountain Home Solar 1, LLC	ID	Green Future Block/Choice	1,131	1,131	Solar	6	2022	Yes
Mountain Wind I	WY	Green Future Block/Choice	6,000	6,000	Wind	11	2021	Yes
Mountain Wind I	WY	Green Future Block/Choice	5,754	5,754	Wind	12	2021	Yes
Mountain Wind II	WY	Green Future Block/Choice	13,200	13,200	Wind	12	2021	Yes
Mountain Wind II	WY	Green Future Block/Choice	9,200	9,200	Wind	11	2021	Yes
Mountain Wind II	WY	Green Future Block/Choice	5,500	5,500	Wind	10	2021	Yes
Mountain Wind II	WY	Green Future Block/Choice	161	161	Wind	9	2021	Yes
Murphy Flat Power LLC	ID	Green Future Block/Choice	1,455	1,455	Solar	4	2022	Yes
Murphy Flat Power LLC	ID	Green Future Block/Choice	1,392	1,392	Solar	5	2022	Yes
Niyol Wind, LLC	CO	Green Future Block/Choice	48,159	48,159	Wind	11	2021	Yes
Niyol Wind, LLC	CO	Green Future Block/Choice	20,549	20,549	Wind	10	2021	Yes
Old Mill Solar	OR	Green Future Block/Choice	411	411	Solar	10	2021	Yes
Old Mill Solar	OR	Green Future Block/Choice	517	517	Solar	9	2021	Yes
Old Mill Solar	OR	Green Future Block/Choice	231	231	Solar	11	2021	Yes
Old Mill Solar	OR	Green Future Block/Choice	89	89	Solar	12	2021	Yes
Old Mill Solar	OR	Green Future Block/Choice	1,268	1,268	Solar	7	2021	Yes
Old Mill Solar	OR	Green Future Block/Choice	1,191	1,191	Solar	8	2021	Yes
Old Mill Solar	OR	Green Future Block/Choice	424	424	Solar	9	2021	Yes
Orchard Ranch Solar, LLC	ID	Green Future Block/Choice	1,975	1,975	Solar	3	2022	Yes
Orchard Ranch Solar, LLC	ID	Green Future Block/Choice	2,168	2,168	Solar	4	2022	Yes
Orchard Ranch Solar, LLC	ID	Green Future Block/Choice	2,538	2,538	Solar	5	2022	Yes
Oregon Solar PV 2010	OR	Green Future Block/Choice	15	15	Solar	7	2021	Yes
Oregon Solar PV 2010	OR	Green Future Block/Choice	11	11	Solar	8	2021	Yes
Oregon Solar PV 2010	OR	Green Future Block/Choice	12	12	Solar	9	2021	Yes
Oregon Solar PV 2010	OR	Green Future Block/Choice	9	9	Solar	10	2021	Yes
Oregon Solar PV 2010	OR	Green Future Block/Choice	6	6	Solar	11	2021	Yes
Oregon Solar PV 2010	OR	Green Future Block/Choice	4	4	Solar	12	2021	Yes
Oregon Solar PV 2010	OR	Green Future Block/Choice	3	3	Solar	1	2022	Yes
Oregon Solar PV 2010	OR	Green Future Block/Choice	5	5	Solar	2	2022	Yes
Oregon Solar PV 2010	OR	Green Future Block/Choice	9	9	Solar	3	2022	Yes
Oregon Solar PV 2010	OR	Green Future Block/Choice	10	10	Solar	4	2022	Yes
Oregon Solar PV 2010	OR	Green Future Block/Choice	11	11	Solar	5	2022	Yes
Oregon Solar PV 2010	OR	Green Future Block/Choice	13	13	Solar	6	2022	Yes
Oregon Solar PV 2011	OR	Green Future Block/Choice	52	52	Solar	7	2021	Yes
Oregon Solar PV 2011	OR	Green Future Block/Choice	40	40	Solar	8	2021	Yes
Oregon Solar PV 2011	OR	Green Future Block/Choice	45	45	Solar	9	2021	Yes
Oregon Solar PV 2011	OR	Green Future Block/Choice	34	34	Solar	10	2021	Yes
Oregon Solar PV 2011	OR	Green Future Block/Choice	22	22	Solar	11	2021	Yes
Oregon Solar PV 2011	OR	Green Future Block/Choice	16	16	Solar	12	2021	Yes
Oregon Solar PV 2011	OR	Green Future Block/Choice	9	9	Solar	1	2022	Yes
Oregon Solar PV 2011	OR	Green Future Block/Choice	19	19	Solar	2	2022	Yes
Oregon Solar PV 2011	OR	Green Future Block/Choice	29	29	Solar	3	2022	Yes
Oregon Solar PV 2011	OR	Green Future Block/Choice	34	34	Solar	4	2022	Yes
Oregon Solar PV 2011	OR	Green Future Block/Choice	36	36	Solar	5	2022	Yes
Oregon Solar PV 2011	OR	Green Future Block/Choice	41	41	Solar	6	2022	Yes
Oregon Solar PV 2013	OR	Green Future Block/Choice	16	16	Solar	7	2021	Yes
Oregon Solar PV 2013	OR	Green Future Block/Choice	12	12	Solar	8	2021	Yes

Oregon Solar PV 2013	OR	Green Future Block/Choice	15	15	Solar	9	2021	Yes
Oregon Solar PV 2013	OR	Green Future Block/Choice	11	11	Solar	10	2021	Yes
Oregon Solar PV 2013	OR	Green Future Block/Choice	7	7	Solar	11	2021	Yes
Oregon Solar PV 2013	OR	Green Future Block/Choice	6	6	Solar	12	2021	Yes
Oregon Solar PV 2013	OR	Green Future Block/Choice	4	4	Solar	1	2022	Yes
Oregon Solar PV 2013	OR	Green Future Block/Choice	6	6	Solar	2	2022	Yes
Oregon Solar PV 2013	OR	Green Future Block/Choice	11	11	Solar	3	2022	Yes
Oregon Solar PV 2013	OR	Green Future Block/Choice	11	11	Solar	4	2022	Yes
Oregon Solar PV 2013	OR	Green Future Block/Choice	12	12	Solar	5	2022	Yes
Oregon Solar PV 2013	OR	Green Future Block/Choice	14	14	Solar	6	2022	Yes
Oregon Solar PV 2014	OR	Green Future Block/Choice	12	12	Solar	7	2021	Yes
Oregon Solar PV 2014	OR	Green Future Block/Choice	10	10	Solar	8	2021	Yes
Oregon Solar PV 2014	OR	Green Future Block/Choice	11	11	Solar	9	2021	Yes
Oregon Solar PV 2014	OR	Green Future Block/Choice	9	9	Solar	10	2021	Yes
Oregon Solar PV 2014	OR	Green Future Block/Choice	6	6	Solar	11	2021	Yes
Oregon Solar PV 2014	OR	Green Future Block/Choice	5	5	Solar	12	2021	Yes
Oregon Solar PV 2014	OR	Green Future Block/Choice	3	3	Solar	1	2022	Yes
Oregon Solar PV 2014	OR	Green Future Block/Choice	5	5	Solar	2	2022	Yes
Oregon Solar PV 2014	OR	Green Future Block/Choice	8	8	Solar	3	2022	Yes
Oregon Solar PV 2014	OR	Green Future Block/Choice	9	9	Solar	4	2022	Yes
Oregon Solar PV 2014	OR	Green Future Block/Choice	9	9	Solar	5	2022	Yes
Oregon Solar PV 2014	OR	Green Future Block/Choice	10	10	Solar	6	2022	Yes
River Bend Solar	MT	Green Future Block/Choice	103	103	Solar	1	2022	Yes
River Bend Solar	MT	Green Future Block/Choice	115	115	Solar	2	2022	Yes
River Bend Solar	MT	Green Future Block/Choice	268	268	Solar	3	2022	Yes
River Bend Solar	MT	Green Future Block/Choice	380	380	Solar	4	2022	Yes
River Bend Solar	MT	Green Future Block/Choice	421	421	Solar	5	2022	Yes
River Bend Solar	MT	Green Future Block/Choice	481	481	Solar	6	2022	Yes
Rock Creek Dairy	ID	Green Future Block/Choice	405	405	Gaseous Biomass	3	2022	Yes
Rock Creek Dairy	ID	Green Future Block/Choice	482	482	Gaseous Biomass	4	2022	Yes
Rock Creek Dairy	ID	Green Future Block/Choice	531	531	Gaseous Biomass	5	2022	Yes
Rock Creek Dairy	ID	Green Future Block/Choice	572	572	Gaseous Biomass	6	2022	Yes
Rockland Wind Farm, LLC	ID	Green Future Block/Choice	36,292	36,292	Wind	12	2021	Yes
Rockland Wind Farm, LLC	ID	Green Future Block/Choice	26,333	26,333	Wind	11	2021	Yes
Rockland Wind Farm, LLC	ID	Green Future Block/Choice	14,492	14,492	Wind	10	2021	Yes
Rockland Wind Farm, LLC	ID	Green Future Block/Choice	14,054	14,054	Wind	7	2021	Yes
Rockland Wind Farm, LLC	ID	Green Future Block/Choice	13,547	13,547	Wind	8	2021	Yes
Rockland Wind Farm, LLC	ID	Green Future Block/Choice	12,328	12,328	Wind	9	2021	Yes
Rockland Wind Farm, LLC	ID	Green Future Block/Choice	4,628	4,628	Wind	12	2021	Yes
Rolling Hills	WY	Green Future Block/Choice	6,900	6,900	Wind	10	2021	Yes
Rolling Hills	WY	Green Future Block/Choice	6,700	6,700	Wind	9	2021	Yes
Rolling Hills	WY	Green Future Block/Choice	6,500	6,500	Wind	8	2021	Yes
Rolling Hills	WY	Green Future Block/Choice	4,500	4,500	Wind	7	2021	Yes
Salmon Falls Wind Park	ID	Green Future Block/Choice	5,404	5,404	Wind	12	2021	Yes
Salmon Falls Wind Park	ID	Green Future Block/Choice	5,107	5,107	Wind	10	2021	Yes
Salmon Falls Wind Park	ID	Green Future Block/Choice	4,465	4,465	Wind	11	2021	Yes
Salmon Falls Wind Park	ID	Green Future Block/Choice	3,313	3,313	Wind	8	2021	Yes
Salmon Falls Wind Park	ID	Green Future Block/Choice	59	59	Wind	9	2021	Yes
Seven Mile Hill I	WY	Green Future Block/Choice	13,300	13,300	Wind	10	2021	Yes
Seven Mile Hill I	WY	Green Future Block/Choice	9,000	9,000	Wind	8	2021	Yes
Seven Mile Hill I	WY	Green Future Block/Choice	4,600	4,600	Wind	7	2021	Yes
Seven Mile Hill I	WY	Green Future Block/Choice	3,807	3,807	Wind	9	2021	Yes
Seven Mile Hill I	WY	Green Future Block/Choice	1,450	1,450	Wind	11	2021	Yes
Simcoe Solar, LLC	ID	Green Future Block/Choice	2,086	2,086	Solar	4	2022	Yes
Simcoe Solar, LLC	ID	Green Future Block/Choice	2,460	2,460	Solar	5	2022	Yes
South Mills Solar	MT	Green Future Block/Choice	205	205	Solar	1	2022	Yes

South Mills Solar	MT	Green Future Block/Choice	368	368	Solar	2	2022	Yes
South Mills Solar	MT	Green Future Block/Choice	529	529	Solar	3	2022	Yes
South Mills Solar	MT	Green Future Block/Choice	625	625	Solar	4	2022	Yes
South Mills Solar	MT	Green Future Block/Choice	695	695	Solar	5	2022	Yes
South Mills Solar	MT	Green Future Block/Choice	714	714	Solar	6	2022	Yes
South Peak Wind, LLC	MT	Green Future Block/Choice	31,896	31,896	Wind	12	2021	Yes
South Peak Wind, LLC	MT	Green Future Block/Choice	23,540	23,540	Wind	9	2021	Yes
South Peak Wind, LLC	MT	Green Future Block/Choice	23,342	23,342	Wind	11	2021	Yes
South Peak Wind, LLC	MT	Green Future Block/Choice	12,798	12,798	Wind	8	2021	Yes
South Peak Wind, LLC	MT	Green Future Block/Choice	12,360	12,360	Wind	11	2021	Yes
South Peak Wind, LLC	MT	Green Future Block/Choice	10,285	10,285	Wind	7	2021	Yes
Spanish Fork	UT	Green Future Block/Choice	405	405	Wind	12	2022	Yes
Spanish Fork	UT	Green Future Block/Choice	9	9	Wind	12	2022	Yes
Spring Canyon II	CO	Green Future Block/Choice	8,990	8,990	Wind	6	2022	Yes
Spring Canyon II	CO	Green Future Block/Choice	8,367	8,367	Wind	2	2022	Yes
Spring Canyon II	CO	Green Future Block/Choice	5,104	5,104	Wind	5	2022	Yes
Spring Canyon II	CO	Green Future Block/Choice	3,431	3,431	Wind	1	2022	Yes
Spring Canyon III	CO	Green Future Block/Choice	10,803	10,803	Wind	2	2022	Yes
Spring Canyon III	CO	Green Future Block/Choice	9,494	9,494	Wind	5	2022	Yes
Spring Canyon III	CO	Green Future Block/Choice	1,412	1,412	Wind	6	2022	Yes
Steel Bridge Solar	OR	Green Future Block/Choice	102	102	Solar	1	2022	Yes
Steel Bridge Solar	OR	Green Future Block/Choice	198	198	Solar	2	2022	Yes
Steel Bridge Solar	OR	Green Future Block/Choice	54	54	Solar	9	2022	Yes
Steel Bridge Solar	OR	Green Future Block/Choice	257	257	Solar	10	2022	Yes
Steel Bridge Solar	OR	Green Future Block/Choice	102	102	Solar	11	2022	Yes
Steel Bridge Solar	OR	Green Future Block/Choice	50	50	Solar	12	2022	Yes
Thousand Springs Wind Park	ID	Green Future Block/Choice	3,291	3,291	Wind	12	2021	Yes
Thousand Springs Wind Park	ID	Green Future Block/Choice	2,815	2,815	Wind	10	2021	Yes
Thousand Springs Wind Park	ID	Green Future Block/Choice	2,727	2,727	Wind	11	2021	Yes
Thousand Springs Wind Park	ID	Green Future Block/Choice	2,406	2,406	Wind	8	2021	Yes
Thousand Springs Wind Park	ID	Green Future Block/Choice	1,870	1,870	Wind	9	2021	Yes
Tuana Gulch Wind Park	ID	Green Future Block/Choice	2,472	2,472	Wind	10	2021	Yes
Tuana Gulch Wind Park	ID	Green Future Block/Choice	2,430	2,430	Wind	8	2021	Yes
Tuana Gulch Wind Park	ID	Green Future Block/Choice	2,346	2,346	Wind	11	2021	Yes
Tuana Gulch Wind Park	ID	Green Future Block/Choice	2,275	2,275	Wind	12	2021	Yes
Tuana Gulch Wind Park	ID	Green Future Block/Choice	1,942	1,942	Wind	9	2021	Yes
Tumbleweed Solar LLC	OR	Green Future Block/Choice	1,091	1,091	Solar	1	2022	Yes
Tumbleweed Solar LLC	OR	Green Future Block/Choice	1,424	1,424	Solar	2	2022	Yes
Tumbleweed Solar LLC	OR	Green Future Block/Choice	1,654	1,654	Solar	3	2022	Yes
Utah Red Hills Renewable Park	UT	Green Future Block/Choice	19,012	19,012	Solar	7	2021	Yes
Utah Red Hills Renewable Park	UT	Green Future Block/Choice	11,830	11,830	Solar	9	2021	Yes
Utah Red Hills Renewable Park	UT	Green Future Block/Choice	22,163	22,163	Solar	8	2021	Yes
Utah Red Hills Renewable Park	UT	Green Future Block/Choice	8,825	8,825	Solar	9	2021	Yes
Utah Red Hills Renewable Park	UT	Green Future Block/Choice	12,961	12,961	Solar	11	2021	Yes
Utah Red Hills Renewable Park	UT	Green Future Block/Choice	8,431	8,431	Solar	12	2021	Yes
Utah Red Hills Renewable Park	UT	Green Future Block/Choice	14,791	14,791	Solar	10	2021	Yes
Utah Red Hills Renewable Park	UT	Green Future Block/Choice	24,872	24,872	Solar	5	2022	Yes
Utah Red Hills Renewable Park	UT	Green Future Block/Choice	130	130	Solar	1	2022	Yes
Wheatridge Renewable Energy Facility I	OR	Green Future Block/Choice	31,706	31,706	Wind	8	2021	Yes
Wheatridge Renewable Energy Facility I	OR	Green Future Block/Choice	29,904	29,904	Wind	4	2022	Yes
Wheatridge Renewable Energy Facility I	OR	Green Future Block/Choice	29,255	29,255	Wind	5	2022	Yes
Wheatridge Renewable Energy Facility I	OR	Green Future Block/Choice	25,917	25,917	Wind	2	2022	Yes
Wheatridge Renewable Energy Facility I	OR	Green Future Block/Choice	25,444	25,444	Wind	11	2021	Yes
Wheatridge Renewable Energy Facility I	OR	Green Future Block/Choice	25,442	25,442	Wind	10	2021	Yes
Wheatridge Renewable Energy Facility I	OR	Green Future Block/Choice	21,924	21,924	Wind	9	2021	Yes
Wheatridge Renewable Energy Facility I	OR	Green Future Block/Choice	19,142	19,142	Wind	6	2022	Yes



Wheatridge Renewable Energy Facility I	OR	Green Future Block/Choice	18,385	18,385	Wind	3	2022	Yes
Wheatridge Renewable Energy Facility I	OR	Green Future Block/Choice	16,283	16,283	Wind	12	2021	Yes
Wheatridge Renewable Energy Facility I	OR	Green Future Block/Choice	13,568	13,568	Wind	1	2022	Yes
Wheatridge Renewable Energy Facility I	OR	Green Future Block/Choice	12,697	12,697	Wind	12	2021	Yes
Wheatridge Renewable Energy Facility I	OR	Green Future Block/Choice	12,000	12,000	Wind	12	2022	Yes
Wheatridge Renewable Energy Facility I	OR	Green Future Block/Choice	231	231	Wind	1	2022	Yes
Wheatridge Solar	OR	Green Future Block/Choice	3,276	3,276	Solar	3	2022	Yes
Wheatridge Solar	OR	Green Future Block/Choice	9,997	9,997	Solar	4	2022	Yes
Wheatridge Solar	OR	Green Future Block/Choice	14,489	14,489	Solar	6	2022	Yes
Wheatridge Wind II, LLC	OR	Green Future Block/Choice	69,230	69,230	Wind	12	2021	Yes
Wheatridge Wind II, LLC	OR	Green Future Block/Choice	66,794	66,794	Wind	4	2022	Yes
Wheatridge Wind II, LLC	OR	Green Future Block/Choice	66,077	66,077	Wind	5	2022	Yes
Wheatridge Wind II, LLC	OR	Green Future Block/Choice	60,125	60,125	Wind	6	2022	Yes
Wheatridge Wind II, LLC	OR	Green Future Block/Choice	57,296	57,296	Wind	2	2022	Yes
Wheatridge Wind II, LLC	OR	Green Future Block/Choice	56,621	56,621	Wind	8	2021	Yes
Wheatridge Wind II, LLC	OR	Green Future Block/Choice	53,914	53,914	Wind	11	2021	Yes
Wheatridge Wind II, LLC	OR	Green Future Block/Choice	53,914	53,914	Wind	10	2021	Yes
Wheatridge Wind II, LLC	OR	Green Future Block/Choice	46,231	46,231	Wind	3	2022	Yes
Wheatridge Wind II, LLC	OR	Green Future Block/Choice	41,692	41,692	Wind	1	2022	Yes
Wheatridge Wind II, LLC	OR	Green Future Block/Choice	37,559	37,559	Wind	9	2021	Yes
Wheatridge Wind II, LLC	OR	Green Future Block/Choice	6,860	6,860	Wind	7	2021	Yes
Balko Wind, LLC	OK	Green Future Enterprise	33,069	33,069	Wind	12	2021	Yes
Bobcat Bluff Wind	TX	Green Future Enterprise	29,089	29,089	Wind	12	2022	Yes
Bobcat Bluff Wind	TX	Green Future Enterprise	10,626	10,626	Wind	9	2022	Yes
Buckeye Wind Energy LLC	KS	Green Future Enterprise	35,000	35,000	Wind	8	2021	Yes
Buffalo Bear	OK	Green Future Enterprise	1,658	1,658	Wind	12	2021	Yes
Cedar Bluff Wind	KS	Green Future Enterprise	19,633	19,633	Wind	8	2021	Yes
Elk City II Wind	OK	Green Future Enterprise	5,762	5,762	Wind	9	2021	Yes
Elk City II Wind	OK	Green Future Enterprise	22,203	22,203	Wind	10	2021	Yes
Ensign	KS	Green Future Enterprise	21,876	21,876	Wind	9	2021	Yes
Grant Wind 1	OK	Green Future Enterprise	15,058	15,058	Wind	12	2021	Yes
Grant Wind 2	OK	Green Future Enterprise	17,337	17,337	Wind	11	2021	Yes
Grant Wind 2	OK	Green Future Enterprise	16,517	16,517	Wind	10	2021	Yes
Grant Wind 2	OK	Green Future Enterprise	16,498	16,498	Wind	8	2021	Yes
Grant Wind 3	OK	Green Future Enterprise	16,871	16,871	Wind	11	2021	Yes
Grant Wind 3	OK	Green Future Enterprise	16,765	16,765	Wind	10	2021	Yes
Grant Wind 3	OK	Green Future Enterprise	3,759	3,759	Wind	12	2021	Yes
Meadow Creek Project Company LLC - North Point Project	ID	Green Future Enterprise	19,805	19,805	Wind	10	2021	Yes
Meadow Creek Wind Farm - Five Pine Project	ID	Green Future Enterprise	10,195	10,195	Wind	10	2021	Yes
Meadow Creek Wind Farm - Five Pine Project	ID	Green Future Enterprise	4,414	4,414	Wind	10	2022	Yes
Minco Wind IV, LLC	OK	Green Future Enterprise	40,033	40,033	Wind	12	2021	Yes
Prairie Breeze Wind Energy II LLC	NE	Green Future Enterprise	13,800	13,800	Wind	12	2021	Yes
Red Hills Wind Farm	OK	Green Future Enterprise	17,173	17,173	Wind	12	2021	Yes
Rocky Ridge Wind Project	OK	Green Future Enterprise	58,535	58,535	Wind	12	2021	Yes
Seiling Wind II, LLC	OK	Green Future Enterprise	27,823	27,823	Wind	12	2021	Yes
Seiling Wind II, LLC	OK	Green Future Enterprise	10,630	10,630	Wind	11	2021	Yes
Steel Bridge Solar	Willamina, OR	Green Future Solar	337	337	Solar	4	2022	Yes
Steel Bridge Solar	Willamina, OR	Green Future Solar	408	408	Solar	8	2022	Yes
Steel Bridge Solar	Willamina, OR	Green Future Solar	267	267	Solar	9	2022	Yes
Steel Bridge Solar	Willamina, OR	Green Future Solar	350	350	Solar	1	2022	Yes
Steel Bridge Solar	Willamina, OR	Green Future Solar	340	340	Solar	7	2022	Yes
Steel Bridge Solar	Willamina, OR	Green Future Solar	276	276	Solar	6	2022	Yes
Steel Bridge Solar	Willamina, OR	Green Future Solar	356	356	Solar	3	2022	Yes
		<b>TOTAL</b>	<b>2,599,179</b>	<b>2,599,179</b>				

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

**Balance of Net Purchases/Generation and Sales**

New Renewables	Total Purchases/ Generation (MWH)	Total Sales (MWH)	Total Purch/Gen minus Sales (MWH)
Green Future Choice	2,092,127	2,092,127	-
Green Future Block	20,589	20,589	-
Green Future Solar	2,334	2,334	-
Green Future Enterprise	484,129	484,129	-
<b>Total New Renewables</b>	<b>2,599,179</b>	<b>2,599,179</b>	<b>-</b>

**Verification of Product Content Labeling**

**Fuel (% of 100%)**

Hydro (Low-Impact Hydro)  
Nuclear  
Natural Gas  
Wind  
Solar  
Biomass  
Geothermal  
Waste  
Other  
Coal

	Product 1 Green Future Choice / Block (Fixed Renewable)		Product 3 Green Future Enterprise (Fixed Renewable)		Product 4 Green Future Solar	
	Claimed Percentage	Actual Percentage	Claimed Percentage	Actual Percentage	Claimed Percentage	Actual Percentage
Hydro (Low-Impact Hydro)	1%	0.32%				
Nuclear						
Natural Gas						
Wind	76%	73.96%	100.00%	100.00%		
Solar	21%	24.40%			100.00%	100.00%
Biomass	2%	1.32%				
Geothermal						
Waste						
Other						
Coal						

\*percentages might not add up to 100% due to rounding

**Environmental Impact\*\***

Nitrogen Oxide	-96%	-97%	-100%	-100.0%	-100%	-100%
Sulfur Dioxide	-99%	-99%	-100%	-100.0%	-100%	-100%
Carbon Dioxide	-96%	-97%	-100%	-100%	-100%	-100%
Mercury	N/A	N/A	N/A	N/A	N/A	N/A

\*\* (% above or below the Northwest Power Pool (NWPP) emissions intensities for Nitrogen Oxides (0.553 lbs/MWh), Sulfur Dioxide (0.343 lbs/MWh), and Carbon Dioxide 634.6 lbs/MWh), per EPA Emissions & Generation Resource Integrate  
N/A: No emission intensity in eGRID NWPP data, nor source emissions data

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

SIGNATURE		TITLE	Manager Origination & Structuring, Clean Energy Acquisition	DATE	30-Aug-23
NAME OF CONTACT PERSON AND PHONE NUMBER		Jacob Goodspeed (503) 464-7806			