

Table 1. 2006 Summary Statistics

Item	Value	U.S. Rank
Oregon		
NERC Region(s).....		WECC
Primary Energy Source.....		Hydroelectric
Net Summer Capacity (megawatts)	12,333	30
Electric Utilities.....	9,971	25
Independent Power Producers & Combined Heat and Power.....	2,362	33
Net Generation (megawatthours).....	53,340,695	25
Electric Utilities.....	43,068,822	22
Independent Power Producers & Combined Heat and Power.....	10,271,873	28
Emissions (thousand metric tons)		
Sulfur Dioxide	11	44
Nitrogen Oxide.....	12	43
Carbon Dioxide.....	7,088	42
Sulfur Dioxide (lbs/MWh)	0.5	46
Nitrogen Oxide (lbs/MWh)	0.5	48
Carbon Dioxide (lbs/MWh).....	293	48
Total Retail Sales (megawatthours)	48,069,265	28
Full Service Provider Sales (megawatthours)	46,962,026	26
Deregulated Sales (megawatthours)	1,107,239	17
Direct Use (megawatthours)	1,418,985	23
Average Retail Price (cents/kWh).....	6.53	41

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capacity, 2006

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Oregon			
1. John Day	Hydroelectric	USCE-North Pacific Division	2,160
2. The Dalles.....	Hydroelectric	USCE-North Pacific Division	1,823
3. Bonneville.....	Hydroelectric	USCE-North Pacific Division	1,093
4. McNary	Hydroelectric	USCE-North Pacific Division	991
5. Hermiston Power Partnership.....	Gas	Hermiston Power Partnership	615
6. Boardman.....	Coal	Portland General Electric Co	585
7. Beaver.....	Gas	Portland General Electric Co	495
8. Klamath Cogeneration Plant.....	Gas	Pacific Klamath Energy Inc	470
9. Hermiston Generating Plant	Gas	Hermiston Generating Co LP	464
10. Hells Canyon	Hydroelectric	Idaho Power Co	381

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2006
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Oregon						
1. Portland General Electric Company.....	Investor-Owned	18,432,528	7,572,788	7,224,360	3,630,074	5,306
2. PacifiCorp.....	Investor-Owned	13,912,004	5,553,588	4,870,791	3,474,848	12,777
3. Eugene City of.....	Public	2,689,923	943,140	974,369	772,414	-
4. Central Lincoln People's Ut Dt.....	Public	1,309,389	428,622	205,124	675,643	-
5. Clatskanie Peoples Util Dist.....	Public	1,009,445	69,927	27,877	911,641	-
Total Sales, Top Five Providers.....		37,353,289	14,568,065	13,302,521	9,464,620	18,083
Percent of Total State Sales.....		78	77	83	73	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatts)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Oregon										
Electric Utilities.....	11,236	10,446	10,354	10,348	10,338	9,555	9,839^R	9,971	97.4	80.9
Coal.....	530	508	557	557	556	556	585	585	4.6	4.7
Petroleum.....	109 ^R	103 ^R	-	-	-	-	-	-	0.9	-
Natural Gas.....	493 ^R	767 ^R	729	753	725	725	967 ^R	962	4.3	7.8
Nuclear.....	1,104	-	-	-	-	-	-	-	9.6	-
Hydroelectric.....	8,988	9,031	9,063	9,033	9,020	8,239	8,281 ^R	8,319	77.9	67.5
Other Renewables.....	11	38	6	6	37	35	5 ^R	106	0.1	0.9
Independent Power Producers and Combined Heat and Power.....	305	352	1,415	2,137	2,545	2,538	2,360^R	2,362	2.6	19.1
Coal.....	13	13	10	10	10	10	-	-	0.1	-
Petroleum.....	7	-	-	-	-	-	-	-	0.1	-
Natural Gas.....	1	72	1,021	1,720	2,053	2,047	1,803 ^R	1,803	*	14.6
Hydroelectric.....	93	109	55	55	92	91	55 ^R	55	0.8	0.4
Other Renewables.....	189	158	329	352	390	390	502 ^R	504	1.6	4.1
Total Electric Industry.....	11,540	10,798	11,769	12,485	12,883	12,093	12,198	12,333	100.0	100.0
Coal.....	543	521	567	567	566	566	585	585	4.7	4.7
Petroleum.....	116 ^R	103 ^R	-	-	-	-	-	-	1.0	-
Natural Gas.....	494 ^R	839 ^R	1,750	2,472	2,778	2,771	2,770	2,764	4.3	22.4
Nuclear.....	1,104	-	-	-	-	-	-	-	9.6	-
Hydroelectric.....	9,082	9,140	9,118	9,089	9,112	8,330	8,336	8,374	78.7	67.9
Other Renewables.....	201	196	335	357	427	426	508	610	1.7	4.9

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatthours)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Oregon										
Electric Utilities.....	49,171,999	44,031,261	38,059,649	39,731,986	38,577,937	39,092,958	37,407,039	43,068,822	97.6	80.7
Coal.....	1,297,978	1,527,874	4,423,843	3,768,531	4,285,697	3,535,764	3,463,644	2,370,628	2.6	4.4
Petroleum.....	26,809	4,346	92,767	5,893	44,035	20,305	47,427	4,323	0.1	*
Natural Gas.....	811,262	2,084,035	5,183,521	1,799,217	1,232,518	2,605,531	3,097,591	2,988,707	1.6	5.6
Nuclear.....	6,073,796	-	-	-	-	-	-	-	12.1	-
Hydroelectric.....	40,961,577	40,415,006	28,359,518	34,158,327	32,980,206	32,896,035	30,765,882	37,603,801	81.3	70.5
Other Renewables.....	577	-	-	18	35,481	35,323	32,495	101,363	*	0.2
Independent Power Producers and Combined Heat and Power.....	1,200,237	1,234,292	6,992,257	7,367,382	10,388,202	12,288,320	11,917,964^R	10,271,873	2.4	19.3
Coal.....	19,366	24,617	21,210	11,153	19,151	19,897	3,067	-	*	-
Petroleum.....	968	681	9,456	811	61	42,633	30,764 ^R	7,496	*	*
Natural Gas.....	8,066	269,440	5,799,444	6,013,676	9,011,178	10,875,015	10,052,064	8,209,068	*	15.4
Hydroelectric.....	278,790	349,459	285,034	254,840	270,126	184,784	182,463	246,496	0.6	0.5
Other Renewables.....	893,047	590,095	839,528	1,048,773	1,047,116	1,124,412	1,609,128	1,768,493	1.8	3.3
Other.....	-	-	37,585	38,129	40,569	41,578	40,477	40,320	-	0.1
Total Electric Industry.....	50,372,236	45,265,553	45,051,906	47,099,368	48,966,139	51,381,278	49,325,003^R	53,340,695	100.0	100.0
Coal.....	1,317,344	1,552,491	4,445,053	3,779,684	4,304,848	3,555,661	3,466,711	2,370,628	2.6	4.4
Petroleum.....	27,777	5,027	102,223	6,704	44,096	62,938	78,191 ^R	11,819	0.1	*
Natural Gas.....	819,328	2,353,475	10,982,965	7,812,893	10,243,696	13,480,546	13,149,655	11,197,775	1.6	21.0
Nuclear.....	6,073,796	-	-	-	-	-	-	-	12.1	-
Hydroelectric.....	41,240,367	40,764,465	28,644,552	34,413,167	33,250,332	33,080,819	30,948,345	37,850,297	81.9	71.0
Other Renewables.....	893,624	590,095	839,528	1,048,791	1,082,597	1,159,735	1,641,623	1,869,856	1.8	3.5
Other.....	-	-	37,585	38,129	40,569	41,578	40,477	40,320	-	0.1

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2001 Through 2006

Fuel, Quality	1990	1995	2001	2002	2003	2004	2005	2006
Oregon								
Coal (cents per million Btu)	108	106	111	133	125	118	128	130
Average heat value (Btu per pound)	8,348	8,882	8,710	8,695	8,516	8,402	8,356	8,321
Average sulfur Content (percent)	0.31	0.30	0.38	0.31	0.29	0.33	0.32	0.37
Petroleum (cents per million Btu)	347	427	636	572	787	870	1,217	1,406
Average heat value (Btu per gallon)	139,000	140,164	143,095	140,000	138,490	141,074	139,760	139,205
Average sulfur Content (percent)	0.48	0.29	0.07	0.05	0.20	0.14	0.08	0.17
Natural Gas (cents per million Btu)	-	130	375	328	437	500	662	600
Average heat value (Btu per cubic foot)	-	1,012	1,020	1,019	1,022	1,021	1,021	1,021

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2001 Through 2006
(Thousand Metric Tons)

Emission Type	1990	1995	2001	2002	2003	2004	2005	2006
Oregon								
Sulfur Dioxide								
Coal.....	7	7	16	11	12	12	11	8
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	2	2	3	3	3	3	3	3
Total.....	9	9	19	14	15	14	14	11
Nitrogen Oxide								
Coal.....	6	7	10	8	9	7	8	5
Petroleum.....	*	*	*	*	*	*	*	*
Natural Gas.....	1	3	6	2	3	4	4	5
Other.....	2	1	2	1	2	2	2	2
Total.....	9	11	18	11	14	13	14	12
Carbon Dioxide								
Coal.....	1,469	1,812	4,229	3,580	4,247	3,458	3,399	2,314
Petroleum.....	29	8	115	9	42	71	87	16
Natural Gas.....	456	1,385	4,867	3,475	4,413	5,568	5,447	4,690
Other Renewables.....	73	69	68	67	69	67	33	68
Total.....	2,027	3,273	9,279	7,132	8,771	9,163	8,966	7,088

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2001 Through 2006

Sector	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Oregon										
Retail Sales (thousand megawatthours)										
Residential.....	15,380	16,315	17,503	17,554	17,736	18,001	18,339	18,978	35.8	39.5
Commercial.....	11,319	12,900	14,816	14,902	15,483	15,667	15,380	16,083	26.3	33.5
Industrial.....	15,498	15,839	13,084	12,296	11,961	11,954	12,684	12,991	36.1	27.0
Other.....	780	672	481	503	NA	NA	NA	NA	1.8	NA
Transportation.....	NA	NA	NA	NA	15	16	17	18	NA	*
All Sectors.....	42,977	45,725	45,885	45,255	45,195	45,636	46,419	48,069	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	727	895	1,100	1,249	1,252	1,293	1,330	1,419	40.5	45.2
Commercial.....	543	653	808	982	988	1,010	1,001	1,088	30.2	34.7
Industrial.....	490	550	551	581	554	529	613	630	27.2	20.1
Other.....	37	37	35	48	NA	NA	NA	NA	2.1	NA
Transportation.....	NA	NA	NA	NA	1	1	1	1	NA	*
All Sectors.....	1,797	2,135	2,494	2,859	2,795	2,833	2,945	3,139	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	4.73	5.49	6.29	7.12	7.06	7.18	7.25	7.48	NA	NA
Commercial.....	4.79	5.06	5.45	6.59	6.38	6.45	6.51	6.77	NA	NA
Industrial.....	3.16	3.47	4.21	4.72	4.63	4.43	4.83	4.85	NA	NA
Other.....	4.77	5.49	7.33	9.44	NA	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	6.68	6.50	6.36	6.40	NA	NA
All Sectors.....	4.18	4.67	5.44	6.32	6.18	6.21	6.34	6.53	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2006

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	3	18	1	19	NA	2	2	45
Number of Retail Customers	1,347,061	286,045	1	193,912	NA	283	NA	1,827,302
Retail Sales (thousand megawatthours)	33,048	9,405	4	4,505	NA	1,107	NA	48,069
Percentage of Retail Sales	68.75	19.57	0.01	9.37	NA	2.30	NA	100.00
Revenue from Retail Sales (million dollars)	2,223	526	*	301	NA	80	8	3,139
Percentage of Revenue	70.84	16.75	0.01	9.60	NA	2.56	0.24	100.00
Average Retail Price (cents/kWh)	6.73	5.59	5.72	6.69	NA	7.26	0.69	6.53

Table 9 Notes: Data are shown for All Sectors. Full Service Providers sell bundled electricity services (e.g., both energy and delivery) to end users. Full Service Providers may purchase electricity from others (such as independent Power Producers or other full service providers) prior to delivery. Other Providers sell either the energy or the delivery services, but not both. Sales volumes and customer counts shown for Other Providers refer to delivered electricity, which is a joint activity of both energy and delivery providers; for clarity, they are reported only in the Energy column in this table. The revenue shown under Other Providers represents the revenue realized from the sale of the energy and the delivery services distinctly. "Public" entities include municipalities, State power agencies, and municipal marketing authorities. "Federal" entities are either owned or financed by the Federal Government. "Cooperatives" are electric utilities legally established to be owned by and operated for the benefit of those using its services. The cooperative will generate, transmit and/or distribute supplies of electric energy to a specified area not being serviced by another utility. "Facility" sales represent direct electricity transactions from independent generators to end use consumers.

Table 10. Supply and Disposition of Electricity, 1990, 1995, and 2001 Through 2006
(Million Kilowatthours)

Category	1990	1995	2001	2002	2003	2004	2005	2006
Supply								
Generation								
Electric Utilities	49,172	44,031	38,060	39,732	38,578	39,093	37,407	43,069
Independent Power Producers	370	429	467	718	4,003	4,801	4,493	4,055
Combined Heat and Power, Electric	250	276	5,675	5,842	5,358	5,891	5,947	4,831
Electric Power Sector Generation Subtotal	49,792	44,736	44,201	46,292	47,939	49,785	47,847	51,955
Combined Heat and Power, Commercial	63	1	13	6	9	6	5	4
Combined Heat and Power, Industrial	517	528	837	802	1,018	1,591	1,473	1,382
Industrial and Commercial Generation Subtotal	580	529	851	808	1,027	1,596	1,478	1,386
Total Net Generation	50,372	45,266	45,052	47,099	48,966	51,381	49,325	53,341
Total International Imports	852	828	151	1,477	3,121	2,523	4,287	456
Total Supply	51,225	46,093	45,203	48,576	52,087	53,904	53,612	53,797
Disposition								
Retail Sales								
Full Service Providers	42,977	45,725	45,885	45,255	45,195	44,791	44,865	46,962
Energy-Only Providers	-	-	-	-	-	845	1,555	1,107
Total Electric Industry Retail Sales	42,977	45,725	45,885	45,255	45,195	45,636	46,419	48,069
Direct Use	505	544	668	682	691	691	1,266	1,419
Total International Exports	-	-	11	9	6	77	445	470
Estimated Losses	3,222	3,471	2,594	2,857	2,596	2,882	3,226	3,570
Total Disposition	46,705	49,741	49,158	48,803	48,487	49,288	51,357	53,528
Net Interstate Trade	4,520	-3,647	-3,955	-226	3,600	4,616	2,255	269
Net Trade Index (ratio)	1.10	0.93	0.92	1.00	1.07	1.09	1.04	1.01

R = Revised.

NA = Not applicable; NM = Not meaningful.

W = Withheld to avoid disclosure of individual company data.

- = Data not available.

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 and values under 0.5 are shown as *.)

Totals may not equal sum of components because of independent rounding.

Table 10 Notes: Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. Net Interstate Trade represents the difference between the amount of electricity produced in the State and consumed in the State. Positive values indicate a State that is a net interstate exporter of electricity; negative values indicate a State that is a net interstate importer of electricity. The Net Trade Index represents a State's electricity self-sufficiency. Values greater than 1 indicate that, on an annual net basis, the State supplied electricity consumed outside the State; values less than 1 indicate that, on an annual net basis, the State consumed electricity produced outside the State.

General Notes: Table 4 "Other Renewables" includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. The "Other" category includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. However, Table 5 "Other Renewables" includes only biogenic municipal solid waste, in addition to wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. In Table 5 "Other" includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. In Table 7, "Other Renewables" emissions include biogenic municipal solid waste, and other renewable waste.

Direct use is commercial or industrial use of electricity that (1) is self-generated (2) is produced by either the same entity that consumes the power or an affiliate, and (3) is used in direct support of a service or industrial process located within the same facility or group of facilities that houses the generating equipment. Direct use is exclusive of station use.