

Delivery Forecast (Base) by Market Segment and Service Level

(At average weather)

Base (not adjusted) Forecast ¹

	(In million kWh)				% Change ²		
	<u>2008</u>	<u>2009</u> ³	<u>2010</u>	<u>2011</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Schedule 7	7,684	7,772	7,683	7,755	1.1%	(1.2%)	0.9%
Residential Lighting	7	7	7	7	(0.4%)	2.0%	1.0%
Total Residential	7,691	7,779	7,690	7,763	1.1%	(1.2%)	0.9%
Commercial ⁴	7,192	7,095	7,075	7,181	(1.3%)	(0.3%)	1.5%
Manufacturing ⁴	4,613	4,144	4,285	4,357	(10.2%)	3.4%	1.7%
Miscellaneous Customers	213	212	220	223	(0.6%)	4.0%	1.3%
Secondary Voltage	7,546	7,337	7,312	7,444	(2.8%)	(0.3%)	1.8%
Total General Service	7,759	7,549	7,532	7,666	(2.7%)	(0.2%)	1.8%
Primary Voltage Service	2,811	2,882	3,111	3,097	2.5%	7.9%	(0.5%)
Transmission Voltage Service	1,447	1,019	937	997	(29.6%)	(8.1%)	6.5%
Total Retail ⁵	19,709	19,230	19,270	19,524	(2.4%)	0.2%	1.3%

¹ SDEC09B

² calculated from un-rounded numbers

³ includes actual weather-adjusted kWh through December 2009

⁴ by NAICS grouping

⁵ Total Retail equals Total Residential + Commercial + Manufacturing + Miscellaneous Customers or equals Total Residential + Total General Service + Primary Voltage Service + Transmission Service; total may not match due to rounding

Delivery Forecast (Price) by Market Segment and Service Level

(At average weather)

Net of Price Elasticity¹

	(In million kWh)				% Change ²		
	<u>2008</u>	<u>2009</u> ³	<u>2010</u>	<u>2011</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Schedule 7	7,684	7,772	7,683	7,687	1.1%	(1.2%)	0.1%
Residential Lighting	7	7	7	7	(0.4%)	2.0%	1.0%
Total Residential	7,691	7,779	7,690	7,694	1.1%	(1.2%)	0.1%
Commercial ⁴	7,192	7,095	7,075	7,166	(1.3%)	(0.3%)	1.3%
Manufacturing ⁴	4,613	4,144	4,285	4,342	(10.2%)	3.4%	1.3%
Miscellaneous Customers	213	212	220	223	(0.6%)	4.0%	1.3%
Secondary Voltage	7,546	7,337	7,312	7,418	(2.8%)	(0.3%)	1.4%
Total General Service	7,759	7,549	7,532	7,640	(2.7%)	(0.2%)	1.4%
Primary Voltage Service	2,811	2,882	3,111	3,093	2.5%	7.9%	(0.6%)
Transmission Voltage Service	1,447	1,019	937	997	(29.6%)	(8.1%)	6.5%
Total Retail ⁵	19,709	19,230	19,270	19,425	(2.4%)	0.2%	0.8%

¹ SDEC09P

² calculated from un-rounded numbers

³ includes actual weather-adjusted kWh through December 2009

⁴ by NAICS grouping

⁵ Total Retail equals Total Residential + Commercial + Manufacturing + Miscellaneous Customers or equals Total Residential + Total General Service + Primary Voltage Service + Transmission Service; total may not match due to rounding

Delivery Forecast (Price & Incremental EE) by Market Segment and Service Level

(At average weather)

Net of Price Elasticity and PGE Energy Efficiency¹

	(In million kWh)				% Change ²		
	<u>2008</u>	<u>2009</u> ³	<u>2010</u>	<u>2011</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Schedule 7	7,684	7,772	7,667	7,638	1.1%	(1.4%)	(0.4%)
Residential Lighting	7	7	7	7	(0.4%)	2.0%	1.0%
Total Residential	7,691	7,779	7,674	7,645	1.1%	(1.4%)	(0.4%)
Commercial ⁴	7,192	7,095	7,041	7,064	(1.3%)	(0.8%)	0.3%
Manufacturing ⁴	4,613	4,144	4,278	4,319	(10.2%)	3.2%	1.0%
Miscellaneous Customers	213	212	220	223	(0.6%)	4.0%	1.3%
Secondary Voltage	7,546	7,337	7,274	7,303	(2.8%)	(0.9%)	0.4%
Total General Service	7,759	7,549	7,494	7,526	(2.7%)	(0.7%)	0.4%
Primary Voltage Service	2,811	2,882	3,108	3,082	2.5%	7.8%	(0.8%)
Transmission Voltage Service	1,447	1,019	937	997	(29.6%)	(8.1%)	6.5%
Total Retail ⁵	19,709	19,230	19,212	19,251	(2.4%)	(0.1%)	0.2%

¹ SDEC09E

² calculated from un-rounded numbers

³ includes actual weather-adjusted kWh through December 2009

⁴ by NAICS grouping

⁵ Total Retail equals Total Residential + Commercial + Manufacturing + Miscellaneous Customers or equals Total Residential + Total General Service + Primary Voltage Service + Transmission Service; total may not match due to rounding

Delivery Forecast (Price & Incremental EE & AMI) by Market Segment and Service Level
 (At average weather)

Net of Price Elasticity, PGE Energy Efficiency and AMI ¹

	(In million kWh)				% Change ²		
	<u>2008</u>	<u>2009</u> ³	<u>2010</u>	<u>2011</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Schedule 7	7,684	7,772	7,667	7,624	1.1%	(1.4%)	(0.6%)
Residential Lighting	7	7	7	7	(0.4%)	2.0%	1.0%
Total Residential	7,691	7,779	7,674	7,631	1.1%	(1.4%)	(0.6%)
Commercial ⁴	7,192	7,095	7,041	7,069	(1.3%)	(0.8%)	0.4%
Manufacturing ⁴	4,613	4,144	4,278	4,320	(10.2%)	3.2%	1.0%
Miscellaneous Customers	213	212	220	223	(0.6%)	4.0%	1.3%
Secondary Voltage	7,546	7,337	7,274	7,309	(2.8%)	(0.9%)	0.5%
Total General Service	7,759	7,549	7,494	7,531	(2.7%)	(0.7%)	0.5%
Primary Voltage Service	2,811	2,882	3,108	3,083	2.5%	7.8%	(0.8%)
Transmission Voltage Service	1,447	1,019	937	997	(29.6%)	(8.1%)	6.5%
Total Retail ⁵	19,709	19,230	19,212	19,243	(2.4%)	(0.1%)	0.2%

¹ SDEC09M

² calculated from un-rounded numbers

³ includes actual weather-adjusted kWh through December 2009

⁴ by NAICS grouping

⁵ Total Retail equals Total Residential + Commercial + Manufacturing + Miscellaneous Customers or equals Total Residential + Total General Service + Primary Voltage Service + Transmission Service; total may not match due to rounding

Forecast of Incremental Energy Efficiency (EE) Savings

(In million kWh)

	<u>2009</u> ¹	<u>2010</u>	<u>2011</u>
Base (B) Forecast	19,230	19,270	19,524
Price (P) Forecast	19,230	19,270	19,425
Incremental EE Savings ²	5.2	10.6	15.6
Schedule 109 Savings ³	<u>0.9</u>	<u>57.6</u>	<u>174.1</u>
Post-EE Forecast (E) ⁴	19,230	19,212	19,251

¹ kWh are actual adjusted for weather through December 2009; EE savings starting in November 2009

² Energy Trust of Oregon (ETO) year-end MWh estimates

³ ETO estimates ramped in monthly; annual totals are cumulative over the period starting November 2009

⁴ equals Price (P) Forecast minus Schedule 109 savings starting 2009

**Residential Building Permits, New Connects, Vacancy Rates and Occupied Accounts
 History and Forecast**

	<u>2008</u>	<u>2009</u> ¹	<u>2010</u>	<u>2011</u> ²
<u>Building Permits</u> ³				
Single-Family	7,865	5,935	13,788	17,922
Multiple-Family	4,338	1,873	5,322	6,016
<u>New Connects</u>				
Single-Family	3,077	1,845	3,184	3,668
Multiple-Family	3,617	1,874	2,828	3,570
Mobile Home	115	92	180	180
Other	13	2	60	60
Total Connects	6,822	3,813	6,252	7,478
<u>Vacancy Rates (%)</u>				
Single-Family	4.6%	4.6%	4.8%	4.9%
Multiple-Family	8.9%	9.4%	9.4%	9.4%
Mobile Home	9.1%	8.3%	9.5%	9.5%
<u>Number of Occupied Accounts</u>				
Single-Family Heat	104,171	104,188	103,849	103,907
Single-Family Non-Heat	323,206	324,695	325,425	327,425
Multiple-Family Heat	155,416	155,358	155,945	157,002
Multiple-Family Non-Heat	47,526	48,496	49,735	51,663
Mobile Home Heat	28,061	28,263	27,790	27,697
Mobile Home Non-Heat	3,531	3,563	3,498	3,484
Other	5,318	5,230	5,241	5,254
Total Occupied Accounts	667,226	669,794	671,483	676,432
<u>Total Number of Accounts</u> ⁴	710,991	714,377	718,072	723,630

¹ includes actual through December 2009, except for building permits and connects which include actual through November 2009

² identical for both base, price-effect, EE and post AMI forecasts

³ Oregon

⁴ includes vacant accounts

Forecast of Residential Use per Occupied Account and Ultimate Deliveries

(At average weather)

<u>Use per Occupied Account (kWh)</u> ³	<u>2008</u> ¹	<u>2009</u> ²	<u>2010</u>	<u>2011</u>
Single-Family Heat	16,741	16,741	16,489	16,580
Single-Family Non-Heat	11,151	11,275	11,159	11,190
Multiple-Family Heat	9,480	9,551	9,442	9,478
Multiple-Family Non-Heat	6,561	6,759	6,663	6,692
Mobile Home Heat	16,124	16,115	15,764	15,849
Mobile Home Non-Heat	11,903	12,043	11,765	11,761
Other	10,664	10,932	10,624	10,472
Average Use per Occupied Account	11,517	11,604	11,441	11,465
<u>Ultimate Deliveries (millions of kWh)</u> ⁴				
Single-Family Heat	1,744	1,744	1,712	1,723
Single-Family Non-Heat	3,604	3,661	3,632	3,664
Multiple-Family Heat	1,473	1,484	1,472	1,488
Multiple-Family Non-Heat	312	328	331	346
Mobile Home Heat	452	455	438	439
Mobile Home Non-Heat	42	43	41	41
Other	57	57	56	55
Schedule 7 Deliveries	7,684	7,772	7,683	7,755
Residential Lighting	7	7	7	7
Total Base Residential Deliveries	7,691	7,779	7,690	7,763
Total Net Residential Deliveries ⁵	7,691	7,779	7,674	7,631

¹ weather adjusted

² includes actual weather adjusted deliveries through December 2009

³ base forecast (B)

⁴ base forecast (B)

⁵ adjusted for price elasticity and incremental EE and AMI impacts (M)

Commercial Deliveries Forecast by NAICS Cluster

(At average weather)

Net of Price Elasticity, PGE Energy Efficiency and AMI ¹

	(In million kWh)				% Change ¹		
	<u>2008</u>	<u>2009</u> ²	<u>2010</u> ³	<u>2011</u> ⁴	<u>2009</u>	<u>2010</u> ³	<u>2011</u> ⁴
Food Stores	486	485	474	470	(0.1%)	(2.4%)	(0.8%)
Govt. & Education	1,025	1,023	1,013	1,016	(0.2%)	(1.0%)	0.3%
Health Services	679	710	711	717	4.5%	0.2%	0.8%
Lodging	106	104	102	103	(1.6%)	(2.2%)	0.5%
Misc. Commercial	738	669	673	672	(9.4%)	0.7%	(0.1%)
Department Stores/Malls	352	348	353	362	(1.3%)	1.5%	2.3%
Office & F.I.R.E ⁵	1,030	1,037	988	982	0.6%	(4.7%)	(0.7%)
Other Services	827	820	813	819	(0.9%)	(0.8%)	0.6%
Other Trade	811	775	783	789	(4.5%)	1.1%	0.7%
Restaurants	464	469	462	460	1.0%	(1.5%)	(0.2%)
Trans., Comm. & Utility	674	656	669	681	(2.6%)	1.9%	1.8%
Total Commercial	7,192	7,095	7,041	7,069	(1.3%)	(0.8%)	0.4%

¹ calculated from un-rounded numbers

² includes actual weather-adjusted deliveries through December 2009

³ price elasticity, incremental EE and AMI adjusted forecast

⁴ price elasticity, incremental EE and AMI adjusted forecast

⁵ Finance, Insurance and Real Estate

Industrial Deliveries Forecast by NAICS Cluster

(At average weather)

Net of Price Elasticity, PGE Energy Efficiency and AMI ¹

	(In million kWh)				% Change ¹		
	<u>2008</u>	<u>2009</u> ²	<u>2010</u> ³	<u>2011</u> ⁴	<u>2009</u>	<u>2010</u> ³	<u>2011</u> ⁴
Food & Kindred Products	214	211	204	200	(1.1%)	(3.7%)	(1.7%)
High Tech	1,680	1,755	1,953	1,917	4.5%	11.3%	(1.9%)
Lumber & Wood	115	100	101	101	(13.4%)	1.1%	(0.4%)
Primary & Fab. Metals	552	453	473	504	(17.9%)	4.5%	6.4%
Other Manufacturing	625	577	609	614	(7.7%)	5.6%	0.8%
Paper & Allied Products	1,230	856	753	798	(30.4%)	(12.1%)	6.0%
Transportation Equipment	198	191	185	187	(3.2%)	(3.5%)	1.5%
Total Manufacturing	4,613	4,144	4,278	4,320	(10.2%)	3.2%	1.0%

¹ calculated from un-rounded numbers

² includes actual deliveries through December 2009

³ p price elasticity, incremental EE and AMI adjusted forecast

⁴ price elasticity, incremental EE and AMI adjusted forecast

Forecast of Deliveries under Miscellaneous Secondary Rate Schedules

Net of Price Elasticity, PGE Energy Efficiency and AMI

	(In million kWh)				% Change ¹		
	<u>2008</u>	<u>2009²</u>	<u>2010</u>	<u>2011³</u>	<u>2009</u>	<u>2010</u>	<u>2011²</u>
Secondary (Residential)							
Outdoor Area Lighting ⁴	7.0	6.9	7.1	7.1	(0.4%)	2.0%	1.0%
Secondary (Commercial)							
Outdoor Area Lighting ⁴	16.7	16.7	16.9	17.0	0.1%	1.1%	1.0%
Farm Irrigation et al. ⁶	86.4	84.2	90.4	91.6	(2.5%)	7.3%	1.3%
Street and Other Lighting ⁷	109.9	110.7	112.6	114.2	0.7%	1.8%	1.4%
Total Misc. Commercial	212.9	211.5	219.9	222.8	(0.6%)	4.0%	1.3%
All Misc. Schedules ⁸	219.9	218.5	227.0	230.0	(0.6%)	3.9%	1.3%

1 calculated from un-rounded numbers
 2 includes actual deliveries through December 2009
 3 identical for base, post price-effect, post-EE and post-AMI forecasts
 4 existing Schedule 15R
 5 existing Schedules 15C
 6 existing Schedules 47 & 49
 7 existing Schedules 91, 92 & 93
 8 equals Outdoor Area Lighting + Total Misc. Commercial

Total Delivery and Demand Forecast

Net of Price Elasticity, Incremental Energy Efficiency, and AMI

(At average weather)

	<u>Million kWh¹</u>	<u>Average MW²</u>	<u>Peak MW³</u>
2008	19,709	2,394	4,031
2009	19,230	2,316	3,949
2010 ⁴	19,212	2,359	3,765
2011 ⁵	19,243	2,362	3,770

¹ cycle-month basis, at end-user meters; includes actual deliveries through December 2009

² calendar basis, delivered to PGE's distribution system weather-adjusted history to December 2009

³ coincidental annual system peak; includes actual through December 2009, not adjusted for weather

⁴ price elasticity, incremental EE and AMI adjusted forecast

⁵ price elasticity, incremental EE and AMI adjusted forecast

Forecast of 2011 Deliveries to Cost of Service and Non-Cost-of-Service Customers

Net of Price Elasticity, Incremental Energy Efficiency and AMI

(In million kWh)

	<u>Cost of Service</u>	<u>Non-Cost of Service¹</u>	<u>Total Delivery²</u>
Residential	7,630.8	0.0	7,630.8
Secondary	7,378.3	39.0	7,417.3
Primary	2,905.4	177.7	3,083.1
Transmission	500.7	496.7	997.4
Lighting	<u>114.2</u>	<u>0.0</u>	<u>114.2</u>
Total Retail	18,529.4	713.4	19,242.8

¹ Schedule 483/489 deliveries including variable price option (index power) purchases
² totals may not add up due to rounding