

Appendix A

June 1, 2016

**Summary Energy and Emissions Intensity Reports for
2006 – 2015**

Avista Corporation

Summary Energy and Emissions Intensity Report

Utility :	Avista	
Reporting for year :	2006	MWh per Capita
Population Served :	488,262	11.03

Energy Intensity Metrics

	MWh at Meter	MWh Proportion	Customer Count	MWh per Customer
Residential Customers	2,422,348	45.0%	201,275	12.0
Commercial Customers	2,142,501	39.8%	22,158	96.7
Industrial Customers	821,382	15.2%		
Total Load Served	5,386,231			

Emissions Intensity Metrics

	Busbar MWh	Percent of Total Load	Short Tons CO ₂	
Known Resources Serving WA	6,033,578	112.5%	1,536,946	
Unknown Resources Serving WA	(671,800)	-12.5%	(340,535)	% of 1990 CO₂
	2006 Tons CO ₂		1,196,410	105.7%

Multiplied Busbar MWh and Short Tons CO₂ by 65% to adjust from system to Washington only

1990 Short Tons CO₂ **1,131,957**

See UTC Docket UE-131723, General Order R-581, Page 7, Paragraph 19.

	1990 Short Tons CO ₂
Avista	1,131,957
Pacific Power	2,399,078
Puget Sound Energy	6,946,064

Summary Energy and Emissions Intensity Report

Utility :	Avista	
Reporting for year :	2007	MWh per Capita
Population Served :	497,400	10.97

Energy Intensity Metrics

	MWh at Meter	MWh Proportion	Customer Count	MWh per Customer
Residential Customers	2,474,267	45.4%	201,275	12.3
Commercial Customers	2,145,532	39.3%	22,158	96.8
Industrial Customers	835,191	15.3%		
Total Load Served	5,454,990			

Emissions Intensity Metrics

	Busbar MWh	Percent of Total Load	Short Tons CO ₂	
Known Resources Serving WA	5,849,832	99.0%	1,622,989	
Unknown Resources Serving WA	58,248	1.0%	35,001	% of 1990 CO₂
	2007 Tons CO ₂		1,657,990	146.5%

Multipled Busbar MWh and Short Tons CO₂ by 65% to only show Washington share.

1990 Short Tons CO₂ **1,131,957**

See UTC Docket UE-131723, General Order R-581, Page 7, Paragraph 19.

	1990 Short Tons CO ₂
Avista	1,131,957
Pacific Power	2,399,078
Puget Sound Energy	6,946,064

Summary Energy and Emissions Intensity Report

Utility :	Avista	
Reporting for year :	2008	MWh per Capita
Population Served :	503,547	10.80

Energy Intensity Metrics

	MWh at Meter	MWh Proportion	Customer Count	MWh per Customer
Residential Customers	2,478,662	45.6%	201,275	12.3
Commercial Customers	2,143,168	39.4%	22,158	96.7
Industrial Customers	816,842	15.0%		
Total Load Served	5,438,672			

Emissions Intensity Metrics

	Busbar MWh	Percent of Total Load	Short Tons CO ₂	
Known Resources Serving WA	6,016,153	100.0%	1,701,300	
Unknown Resources Serving WA	(1,406)	0.0%	(720)	% of 1990 CO₂
	2008 Tons CO ₂		1,700,580	150.2%

Multiplied Busbar MWh and Short Tons CO₂ for Known and Unknown Resources

by 65% to show Washington share only.

1990 Short Tons CO₂

1,131,957

See UTC Docket UE-131723, General Order R-581, Page 7, Paragraph 19.

	1990 Short Tons CO ₂
Avista	1,131,957
Pacific Power	2,399,078
Puget Sound Energy	6,946,064

Summary Energy and Emissions Intensity Report

Utility :	Avista	
Reporting for year :	2009	MWh per Capita
Population Served :	507,649	10.71

Energy Intensity Metrics

	MWh at Meter	MWh Proportion	Customer Count	MWh per Customer
Residential Customers	2,549,035	46.9%	201,275	12.7
Commercial Customers	2,149,572	39.5%	22,158	97.0
Industrial Customers	739,881	13.6%		
Total Load Served	5,438,488			

Emissions Intensity Metrics

	Busbar MWh	Percent of Total Load	Short Tons CO ₂	
Known Resources Serving WA	5,581,640	95.1%	1,329,184	
Unknown Resources Serving WA	287,037	4.9%	160,568	% of 1990 CO₂
	2009 Tons CO ₂		1,489,752	131.6%

Multiplied Busbar MWh and Short Tons CO₂ by 65% for known and unknown resources to show

Washington only

1990 Short Tons CO₂

1,131,957

See UTC Docket UE-131723, General Order R-581, Page 7, Paragraph 19.

	1990
	Short Tons CO ₂
Avista	1,131,957
Pacific Power	2,399,078
Puget Sound Energy	6,946,064

Summary Energy and Emissions Intensity Report

Utility :	Avista	
Reporting for year :	2010	MWh per Capita
Population Served :	509,398	10.68

Energy Intensity Metrics

	MWh at Meter	MWh Proportion	Customer Count	MWh per Customer
Residential Customers	2,549,035	46.9%	201,275	12.7
Commercial Customers	2,149,572	39.5%	22,158	97.0
Industrial Customers	739,881	13.6%		
Total Load Served	5,438,488			

Emissions Intensity Metrics

	Busbar MWh	Percent of Total Load	Short Tons CO ₂	
Known Resources Serving WA	6,653,206	113.7%	2,030,779	
Unknown Resources Serving WA	(799,756)	-13.7%	(476,535)	% of 1990 CO₂
	2010 Tons CO ₂		1,554,245	137.3%

Multiplied Busbar MWh and Short Tons CO₂ for known and unknown resources by 65% to show Washington share.

1990 Short Tons CO₂ **1,131,957**

See UTC Docket UE-131723, General Order R-581, Page 7, Paragraph 19.

	1990 Short Tons CO ₂
Avista	1,131,957
Pacific Power	2,399,078
Puget Sound Energy	6,946,064

Summary Energy and Emissions Intensity Report

Utility :	Avista	
Reporting for year :	2011	MWh per Capita
Population Served :	511,666	10.93

Energy Intensity Metrics

	MWh at Meter	MWh Proportion	Customer Count	MWh per Customer
Residential Customers	2,537,453	45.4%	201,275	12.6
Commercial Customers	2,132,349	38.1%	22,158	96.2
Industrial Customers	921,261	16.5%		
Total Load Served	5,591,063			

Emissions Intensity Metrics

	Busbar MWh	Percent of Total Load	Short Tons CO ₂	
Known Resources Serving WA	6,360,538	106.6%	1,428,449	
Unknown Resources Serving WA	(395,035)	-6.6%	(178,694)	% of 1990 CO₂
	2011 Tons CO ₂		1,249,754	110.4%

Multipled Busbar MWh and Short Tons CO₂ for Known and Unknown Resources by 65 percent for Washington share.

1990 Short Tons CO₂ **1,131,957**

See UTC Docket UE-131723, General Order R-581, Page 7, Paragraph 19.

	1990 Short Tons CO ₂
Avista	1,131,957
Pacific Power	2,399,078
Puget Sound Energy	6,946,064

Summary Energy and Emissions Intensity Report

Utility :	Avista	
Reporting for year :	2012	MWh per Capita
Population Served :	514,677	10.68

Energy Intensity Metrics

	MWh at Meter	MWh Proportion	Customer Count	MWh per Customer
Residential Customers	2,454,617	44.7%	201,275	12.2
Commercial Customers	2,129,945	38.8%	22,158	96.1
Industrial Customers	912,061	16.6%		
Total Load Served	5,496,623			

Emissions Intensity Metrics

	Busbar MWh	Percent of Total Load	Short Tons CO ₂	
Known Resources Serving WA	6,540,148	111.1%	1,697,955	
Unknown Resources Serving WA	(652,776)	-11.1%	(294,761)	% of 1990 CO₂
	2012 Tons CO ₂		1,403,194	124.0%

Multiplied Busbar MWh and Short Tons CO₂ for Known and Unknown Resources by 65% to show Washington share.

1990 Short Tons CO₂ **1,131,957**

See UTC Docket UE-131723, General Order R-581, Page 7, Paragraph 19.

	1990 Short Tons CO ₂
Avista	1,131,957
Pacific Power	2,399,078
Puget Sound Energy	6,946,064

Summary Energy and Emissions Intensity Report

Utility :	Avista	
Reporting for year :	2013	MWh per Capita
Population Served :	518,257	10.95

Energy Intensity Metrics

	MWh at Meter	MWh Proportion	Customer Count	MWh per Customer
Residential Customers	2,561,365	45.1%	201,275	12.7
Commercial Customers	2,156,445	38.0%	22,158	97.3
Industrial Customers	959,264	16.9%		
Total Load Served	5,677,074			

Emissions Intensity Metrics

	Busbar MWh	Percent of Total Load	Short Tons CO ₂	
Known Resources Serving WA	6,904,438	113.3%	1,808,803	
Unknown Resources Serving WA	(809,911)	-13.3%	(458,450)	% of 1990 CO₂
	2013 Tons CO ₂		1,350,353	119.3%

Multipled Busbar MWh and Short Tons CO₂ for Known and Unknown Resources by 65% to show Washington share.

1990 Short Tons CO₂ **1,131,957**

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	1990 Short Tons CO ₂
Avista	1,131,957
Pacific Power	2,399,078
Puget Sound Energy	6,946,064

Summary Energy and Emissions Intensity Report

Utility :	Avista	
Reporting for year :	2014	MWh per Capita
Population Served :	523,053	10.84

Energy Intensity Metrics

	MWh at Meter	MWh Proportion	Customer Count	MWh per Customer
Residential Customers	2,500,515	44.1%	201,275	12.4
Commercial Customers	2,166,691	38.2%	22,158	97.8
Industrial Customers	1,002,522	17.7%		
Total Load Served	5,669,728			

Emissions Intensity Metrics

	Busbar MWh	Percent of Total Load	Short Tons CO ₂	
Known Resources Serving WA	6,837,886	112.5%	1,772,604	
Unknown Resources Serving WA	(761,495)	-12.5%	(389,733)	% of 1990 CO₂
	2014 Tons CO ₂		1,382,871	122.2%

Multiplied Busbar MWh and Short Tons CO₂ for Known and Unknown Resources by 65% for Washington share.

1990 Short Tons CO₂ **1,131,957**

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	1990 Short Tons CO ₂
Avista	1,131,957
Pacific Power	2,399,078
Puget Sound Energy	6,946,064

Summary Energy and Emissions Intensity Report

Utility :	Avista	
Reporting for year :	2015	MWh per Capita
Population Served :	528,665	10.85

Energy Intensity Metrics

	MWh at Meter	MWh Proportion	Customer Count	MWh per Customer
Residential Customers	2,458,224	42.8%	201,275	12.2
Commercial Customers	2,223,888	38.8%	22,158	100.4
Industrial Customers	1,055,963	18.4%		
Total Load Served	5,738,075			

Emissions Intensity Metrics

	Busbar MWh	Percent of Total Load	Short Tons CO ₂	
Known Resources Serving WA	7,129,140	120.1%	2,164,022	
Unknown Resources Serving WA	(1,194,623)	-20.1%	(624,668)	% of 1990 CO₂
	2015 Tons CO ₂		1,539,354	136.0%

Multiplied known and unknown Busbar MWh and Short Tons CO₂ by 65% to show

Washington only.

1990 Short Tons CO₂

1,131,957

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	1990 Short Tons CO ₂
Avista	1,131,957
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