

2004 Residential and Limited Income DSM Savings Calculations

From 2004 Triple-E Report Workbook, Residential Tab

Segment	Residential DSM Savings			ID
	Technology	Total	WA	
Residential	Appliance	5,832	4,082	1,750
	HVAC	61,650	43,155	18,495
	Shell	46,852	32,796	14,056
		114,334	80,034	34,300

Gas rate calculations indicate Avista used the 70/30 default jurisdictional split in 2004
 Titus used the same proportions for savings.

Gas Rate = .7*WAGasRate + .3*IDGasRate

WA Rate		ID Rate		Combined Rate for Cost Analysis
\$ 0.923610		\$ 0.953150		\$ 0.932472

From 2004 Triple-E Report Workbook, Limited Income Tab

	Total	30% 70%	
		WA	ID
Appliance	23,008	6,902	16,106
HVAC	40,403	12,121	28,282
Shell	14,152	4,246	9,906
TOTAL	77,563	23,269	54,294

Adjustments from 2005 Triple E report workbook, LI tab (see below)		
	WA	ID
Appliance	(22,408)	(572)
HVAC	(37,878)	-
Shell	-	-
TOTAL	(60,286)	(572)

Notes from workbook indicating the LI split was 70% ID & 30% WA.
 Titus used the same proportions after assigning 2005 adjustments.
 GasRate = ((7200/24278)*WAGasRate)+((17078/24278)*IDGasRate)

	WA Gas	ID Gas	System Gas
\$	0.924	\$ 0.953	\$ 0.944

Adjustments from 2005 Revised Triple-E Report

2004 Adjustments

ID	WA		WA		Total
	(572)	(37,878)	-	(22,408)	- (60,858)

2004 Revised Limited Income Savings with Adjustments from Triple-E review.

Limited Income DSM Savings			
	Total	WA	ID
Appliance	28	8	20
HVAC	2,525	758	1,768
Shell	14,152	4,246	9,906
TOTAL	16,705	5,012	11,694

2004 Completed Commercial/Industrial DSM Project Savings

	Appliances	HVAC	HVAC Combined	Industrial Process	LEED Certification	Prescriptive Food Service	Pre-Rinse Sprayer	Resource Management	Rooftop Service	Shell
WA	2,548	46,117	60,026	3,122	-	-	-	146,738	-	85,480
ID	543	56,510	22,060	7,733	-	-	-	-	11,418	16,886

Totals
344,031
115,150
459,181

2004 C/I DSM Savings by Rate Schedule

	101	111	112	121	122	Total
WA	51,360	289,558	-	3,113	-	344,031
ID	44,561	70,589	-	-	-	115,150

459,181

	101	111/112	121/122
WA	51,360	289,558	3,113
ID	44,561	70,589	-

Deleted RFP Lighting project with 301 WA therms.

2004 Completed Commercial/Industrial DSM Projects

RATE STATE	THERM	MEASURE TYPE
101 WA	2,267	Appliances
101 WA	3,907	HVAC
101 WA	974	HVAC
101 WA	466	HVAC
101 WA	471	HVAC
101 WA	519	HVAC
101 WA	451	HVAC
101 WA	426	HVAC
101 WA	898	HVAC
101 WA	1,092	HVAC
101 WA	1,457	HVAC
101 WA	590	HVAC
101 WA	1,624	HVAC
101 WA	955	HVAC Combined
101 WA	3,000	Industrial Process
101 WA	463	Shell
101 WA	9,230	Shell
101 WA	2,713	Shell
101 WA	756	Shell
101 WA	251	Shell
101 WA	980	Shell
101 WA	4,741	Shell
101 WA	1,104	Shell
101 WA	729	Shell
101 WA	9,789	Shell
101 WA	1,100	Shell
101 WA	407	Shell
111 WA	281	Appliances
111 WA	1,102	HVAC
111 WA	213	HVAC
111 WA	4,964	HVAC
111 WA	1,152	HVAC
111 WA	3,771	HVAC
111 WA	8,211	HVAC
111 WA	145	HVAC
111 WA	1,296	HVAC
111 WA	2,929	HVAC
111 WA	4,894	HVAC
111 WA	2,065	HVAC
111 WA	239	HVAC Combined
111 WA	1,272	HVAC Combined
111 WA	1,272	HVAC Combined
111 WA	3,209	HVAC Combined
111 WA	955	HVAC Combined
111 WA	3,503	HVAC Combined
111 WA	2,616	HVAC Combined
111 WA	17,730	HVAC Combined
111 WA	4,496	HVAC Combined
111 WA	955	HVAC Combined
111 WA	955	HVAC Combined
111 WA	20,893	HVAC Combined
111 WA	976	HVAC Combined
111 WA	122	Industrial Process
111 WA	146,738	Resource Management
111 WA	175	Shell
111 WA	3,946	Shell
111 WA	2,477	Shell
111 WA	3,040	Shell
111 WA	615	Shell
111 WA	1,517	Shell
111 WA	1,626	Shell
111 WA	12,934	Shell
111 WA	788	Shell

2004 Completed Commercial/Industrial DSM Project Savings

111	WA	12,690	Shell
111	WA	3,468	Shell
111	WA	1,630	Shell
111	WA	7,698	Shell
121	WA	2,500	HVAC
121	WA	613	Shell
101	ID	161	HVAC
101	ID	538	HVAC
101	ID	209	HVAC
101	ID	122	HVAC
101	ID	2,040	HVAC
101	ID	175	HVAC
101	ID	339	HVAC
101	ID	836	HVAC
101	ID	671	HVAC
101	ID	62	HVAC
101	ID	392	HVAC
101	ID	672	HVAC
101	ID	229	HVAC
101	ID	942	HVAC
101	ID	178	HVAC
101	ID	1,744	HVAC Combined
101	ID	1,299	HVAC Combined
101	ID	12,417	HVAC Combined
101	ID	3,147	HVAC Combined
101	ID	148	HVAC Combined
101	ID	469	HVAC Combined
101	ID	339	Rooftop Service
101	ID	298	Rooftop Service
101	ID	77	Rooftop Service
101	ID	228	Rooftop Service
101	ID	163	Rooftop Service
101	ID	1,088	Rooftop Service
101	ID	1,078	Rooftop Service
101	ID	155	Rooftop Service
101	ID	788	Rooftop Service
101	ID	708	Rooftop Service
101	ID	36	Rooftop Service
101	ID	30	Rooftop Service
101	ID	1,109	Shell
101	ID	993	Shell
101	ID	824	Shell
101	ID	759	Shell
101	ID	585	Shell
101	ID	3,977	Shell
101	ID	3,977	Shell
101	ID	487	Shell
101	ID	72	Shell
111	ID	543	Appliances
111	ID	26,498	HVAC
111	ID	10,688	HVAC
111	ID	1,898	HVAC
111	ID	8,084	HVAC
111	ID	1,421	HVAC
111	ID	355	HVAC
111	ID	1,272	HVAC Combined
111	ID	609	HVAC Combined
111	ID	955	HVAC Combined
111	ID	7,733	Industrial Process
111	ID	192	Rooftop Service
111	ID	272	Rooftop Service
111	ID	414	Rooftop Service
111	ID	119	Rooftop Service
111	ID	3,099	Rooftop Service
111	ID	9	Rooftop Service
111	ID	153	Rooftop Service
111	ID	25	Rooftop Service
111	ID	2,007	Rooftop Service
111	ID	21	Rooftop Service
111	ID	119	Rooftop Service
111	ID	3,806	Shell
111	ID	297	Shell
		459,181	

2005 Residential and Limited Income DSM Savings Calculations

From 2005 Triple-E Report Workbook, Residential Tab

Residential DSM Savings			
Technology	Total	WA	ID
Appliance	4,943	3,574	1,369
HVAC	76,650	51,318	25,332
Shell	94,680	63,278	31,402
	176,273	118,170	58,103

From 2005 Triple-E Report Workbook, Limited Income Tab

For 2005 Triple E Report - 2005 Results Savings without 2004 adjustments					
	SH	Various	WH	WX	Total by Fund
Total	3,711	26,042	527	84,927	115,207
WA	1,986	26,042	177	82,583	110,788
ID	1,725	0	350	2,344	4,419

2005 with 2004 Adjustments for Reference

	SH	Various	WH	WX	Total by Fund
ID	1,725	-	350	2,344	4,419
WA	(35,892)	26,042	(22,231)	82,583	49,930

Program Reference

- SH - HVAC
- Various - HVAC
- WH - Water Heat - Appliance
- WX - Shell

2005 Revised LI DSM Savings without 2004 adjustments

Limited Income DSM Savings			
Technology	Total	WA	ID
Appliance	527	177	350
HVAC	29,753	28,028	1,725
Shell	84,927	82,583	2,344
	115,207	110,788	4,419

2005 Completed Commercial/Industrial DSM Project Savings (therms)

	Appliances	HVAC	HVAC Combined	Industrial Process	LEED Certification	Prescriptive Food Service	Pre-Rinse Sprayer	Resource Management	Rooftop Service	Shell
WA	24,623	180,140	61,099	5,596	-	-	-	393,379	-	122,971
ID	1,067	55,098	24,816	-	-	-	-	-	20,486	19,087

Totals
787,808
120,554
908,362

2005 C/I DSM Savings by Rate Schedule

	101	111	112	121	122	Total
WA	38,980	728,851	-	19,977	-	787,808
ID	39,499	81,055	-	-	-	120,554
						908,362

	101	111/112	121/122
WA	38,980	728,851	19,977
ID	39,499	81,055	-

Note: Removed Lighting

2005 Completed Commercial/Industrial DSM Projects

<u>RATE_GAS</u>	<u>STATE</u>	<u>THERM</u>	<u>MEASURE</u> <u>TYPE</u>
101	WA	58	Appliances
101	WA	139	HVAC
101	WA	2,278	HVAC
101	WA	48	HVAC
101	WA	995	HVAC
101	WA	476	HVAC
101	WA	233	HVAC
101	WA	374	HVAC
101	WA	505	HVAC
101	WA	1,599	HVAC
101	WA	2,089	HVAC
101	WA	803	HVAC
101	WA	1,063	HVAC
101	WA	1,189	HVAC
101	WA	1,137	HVAC
101	WA	301	HVAC
101	WA	254	HVAC
101	WA	529	HVAC
101	WA	710	HVAC
101	WA	291	HVAC
101	WA	1,531	HVAC
101	WA	432	HVAC Combined
101	WA	4,278	HVAC Combined
101	WA	273	Shell
101	WA	7,121	Shell
101	WA	6,110	Shell
101	WA	391	Shell
101	WA	698	Shell
101	WA	241	Shell
101	WA	381	Shell
101	WA	372	Shell
101	WA	1,391	Shell
101	WA	690	Shell
111	WA	1,776	Appliances
111	WA	2,636	Appliances
111	WA	4,566	Appliances
111	WA	8,900	HVAC
111	WA	5,596	HVAC
111	WA	5,741	HVAC
111	WA	948	HVAC
111	WA	5,067	HVAC
111	WA	11,418	HVAC
111	WA	5,301	HVAC
111	WA	4,276	HVAC
111	WA	7,420	HVAC
111	WA	5,758	HVAC
111	WA	5,087	HVAC
111	WA	2,508	HVAC
111	WA	555	HVAC
111	WA	990	HVAC
111	WA	1,816	HVAC
111	WA	4,823	HVAC
111	WA	3,265	HVAC
111	WA	6,117	HVAC
111	WA	3,681	HVAC
111	WA	2,498	HVAC
111	WA	3,279	HVAC
111	WA	795	HVAC
111	WA	797	HVAC
111	WA	10,975	HVAC
111	WA	2,843	HVAC
111	WA	17,548	HVAC
111	WA	9,068	HVAC
111	WA	4,246	HVAC
111	WA	2,424	HVAC
111	WA	665	HVAC
111	WA	1,272	HVAC

2005 Completed Commercial/Industrial DSM Project Savings (therms)

111	WA	879	HVAC
111	WA	4,239	HVAC
111	WA	9,443	HVAC
111	WA	15,889	HVAC Combined
111	WA	15,714	HVAC Combined
111	WA	1,149	HVAC Combined
111	WA	6,441	HVAC Combined
111	WA	1,590	HVAC Combined
111	WA	4,246	HVAC Combined
111	WA	4,246	HVAC Combined
111	WA	2,227	HVAC Combined
111	WA	4,887	HVAC Combined
111	WA	993	Industrial Process
111	WA	4,603	Industrial Process
111	WA	393,379	Resource Management
111	WA	1,993	Shell
111	WA	8,093	Shell
111	WA	1,603	Shell
111	WA	5,446	Shell
111	WA	4,897	Shell
111	WA	3,904	Shell
111	WA	273	Shell
111	WA	1,005	Shell
111	WA	2,045	Shell
111	WA	1,578	Shell
111	WA	6,779	Shell
111	WA	16,043	Shell
111	WA	9,226	Shell
111	WA	2,877	Shell
111	WA	4,320	Shell
111	WA	14,375	Shell
111	WA	491	Shell
111	WA	271	Shell
111	WA	1,827	Shell
111	WA	2,672	Shell
111	WA	14,553	Shell
121	WA	15,587	Appliances
121	WA	3,358	HVAC
121	WA	1,032	Shell
101	ID	1,202	HVAC
101	ID	3,468	HVAC
101	ID	847	HVAC
101	ID	151	HVAC
101	ID	880	HVAC
101	ID	223	HVAC
101	ID	610	HVAC
101	ID	148	HVAC
101	ID	354	HVAC
101	ID	216	HVAC
101	ID	681	HVAC
101	ID	452	HVAC
101	ID	741	HVAC
101	ID	296	HVAC
101	ID	203	HVAC
101	ID	127	HVAC
101	ID	264	HVAC
101	ID	320	HVAC
101	ID	829	HVAC Combined
101	ID	1,106	HVAC Combined
101	ID	1,078	Rooftop Service
101	ID	12	Rooftop Service
101	ID	266	Rooftop Service
101	ID	772	Rooftop Service
101	ID	403	Rooftop Service
101	ID	295	Rooftop Service
101	ID	378	Rooftop Service
101	ID	266	Rooftop Service
101	ID	584	Rooftop Service
101	ID	2,515	Rooftop Service
101	ID	469	Rooftop Service
101	ID	1,411	Rooftop Service
101	ID	117	Rooftop Service
101	ID	905	Rooftop Service
101	ID	1,557	Rooftop Service
101	ID	419	Rooftop Service
101	ID	574	Rooftop Service
101	ID	525	Rooftop Service
101	ID	266	Rooftop Service
101	ID	445	Rooftop Service
101	ID	315	Rooftop Service
101	ID	1,329	Rooftop Service
101	ID	256	Rooftop Service
101	ID	1,958	Rooftop Service
101	ID	673	Rooftop Service
101	ID	515	Shell
101	ID	1,124	Shell
101	ID	178	Shell
101	ID	850	Shell

Corrected State from "W" to "WA"
 Corrected State from "W" to "WA"

2005 Completed Commercial/Industrial DSM Project Savings (therms)

101	ID	341	Shell
101	ID	395	Shell
101	ID	227	Shell
101	ID	173	Shell
101	ID	3,413	Shell
101	ID	862	Shell
101	ID	348	Shell
101	ID	167	Shell
111	ID	1,067	Appliances
111	ID	4,014	HVAC
111	ID	5,907	HVAC
111	ID	12,411	HVAC
111	ID	12,871	HVAC
111	ID	637	HVAC
111	ID	79	HVAC
111	ID	6,907	HVAC
111	ID	773	HVAC
111	ID	316	HVAC
111	ID	2,970	HVAC Combined
111	ID	7,090	HVAC Combined
111	ID	10,385	HVAC Combined
111	ID	2,436	HVAC Combined
111	ID	836	Rooftop Service
111	ID	1,862	Rooftop Service
111	ID	2,290	Shell
111	ID	8,204	Shell
		908,362	

2006 Residential DSM Savings Calculations

From 2006 Triple-E Report Table 6G

Residential DSM Savings (unaudited)			
	Total	WA	ID
Appliances	1,642	1,174	468
HVAC	210,928	61,951	148,977
Shell	169,786	101,625	68,161
	<u>382,356</u>	<u>164,750</u>	<u>217,606</u>

From Avista's 2006 DSM Verification Summaries

(Note that 2,955 therms was apparently moved from ID to WA in DSM verification summaries.) Titus will adjust the Triple-E report numbers and ignore the 2,955 therm adjustment (less than 2%) and because jurisdictional allocations do not impact the decoupling mechanism.

Project	Therms contained within verification sample	Therms in related population	Therms independently verified	% of claimed therms verified	Adjusted therm claim	Adjustment
ID Residential projects						
<i>High Efficiency Furnaces</i>	1,728	144,642	1,728	100.0%	144,642	-
<i>Windows</i>	1,080	21,387	884	81.9%	17,506	(3,881)
<i>Other Res Sampled</i>	2,463	48,621	3,684	149.6%	72,724	24,103
		<u>214,650</u>			<u>234,872</u>	
WA Residential projects						
<i>High Efficiency Furnaces</i>	1,728	61,920	1,728	100.0%	61,920	-
<i>Windows</i>	1,080	66,135	884	81.9%	54,133	(12,002)
<i>Other Res Sampled</i>	2,463	39,650	3,684	149.6%	59,306	19,656
		<u>167,705</u>			<u>175,359</u>	

"Other" Adjustment Applied by Proportion
 Windows Applied to Shell
 "Furnace" Applied to HVAC

Residential DSM Savings (Verified)			
	Total	WA	ID
Appliances	1,834	1,314	520
HVAC	234,821	69,342	165,479
Shell	173,577	101,747	71,830
	<u>410,232</u>	<u>172,404</u>	<u>237,828</u>

2006 Limited Income DSM Savings Calculations

Limited Income DSM
From 2006 Triple-E Report Table 6G

LI DSM Savings (unaudited)			
	Total	WA	ID
Appliances	778	578	200
HVAC	3,862	1,726	2,136
Shell	74,089	67,134	6,955
	<u>78,729</u>	<u>69,438</u>	<u>9,291</u>

From Avista's 2006 DSM Verification Summaries

Note that there are minor differences between the Triple-E report savings and the DSM verification summaries. Titus will adjust the Triple-E report numbers by the verification summary adjustments. The differences do not impact the decoupling mechanism results.

Project	Therms contained within verification sample	Therms in related population	Therms independently verified	% of claimed therms verified	Adjusted therm claim	Adjustment
ID Limited Income						
<i>Air Infiltration</i>	2,052	1,195	1,709	83.3%	995	(200)
<i>Insulation</i>	4,485	3,489	3,815	85.1%	2,968	(521)
<i>Other LI Sampled</i>	1,022	<u>4,612</u>	591	57.8%	<u>2,667</u>	(1,945)
		9,296			6,630	
WA Limited Income						
<i>Air Infiltration</i>	2,052	14,270	1,709	83.3%	11,885	(2,385)
<i>Insulation</i>	4,485	52,723	3,815	85.1%	44,847	(7,876)
<i>Other LI Sampled</i>	1,022	<u>3,968</u>	591	57.8%	<u>2,295</u>	(1,673)
		70,961			59,026	

"Other" Adjustment Applied by Proportion
Air Infiltration and Insulation Applied to Shell

Limited Income DSM Savings (Verified)			
	Total	WA	ID
Appliances	722	564	158
HVAC	3,373	1,684	1,689
Shell	60,033	55,255	4,778
	<u>64,128</u>	<u>57,503</u>	<u>6,625</u>

2006 Completed Commercial/Industrial DSM Project Savings (therms)

	Appliances	HVAC	HVAC Combined	Industrial Process	LEED Certification	Prescriptive Food Service	Pre-Rinse Sprayer	Resource Management	Rooftop Service	Shell
WA	11,530	118,045	141,048	-	2,918	-	22,836	71,731	48,566	113,245
ID	4,057	22,585	74,251	-	-	-	660	-	426	21,465

	101	111	112	121	122	Total
WA	84,897	426,779	7,889	10,266	88	529,919
ID	30,174	93,270	-	-	-	123,444
						653,363

	101	111/112	121/122
WA	84,897	434,668	10,354
ID	30,174	93,270	-

Audit Adjustments by Rate Schedule

Original Claims by Rate Schedule						Difference between claimed and verified			
Pre-Rinse Sprayer						Pre-Rinse Sprayer Adjustment			
	101	111	112	121	122	Original	Final	Adjustment	
WA	3,696	18,744	176	132	88	WA 88,941	88,941	-	
ID	88	572	-	-	-	ID 2,751	2,751	-	

Percentage by Rate Schedule			
	101	111/112	121/122
WA	16.2%	82.9%	1.0%
ID	13.3%	86.7%	0.0%

Therms by Rate Schedule			
	101	111/112	121/122
WA	-	-	-
ID	-	-	-

Original Claims by Rate Schedule						Difference between claimed and verified			
Rooftop Service						Rooftop Service Adjustment			
	101	111	112	121	122	Original	Final	Adjustment	
WA	24,039	24,527	-	-	-	WA 65,850	0	(65,850)	
ID	40	386	-	-	-	ID 665	0	(665)	

Percentage by Rate Schedule			
	101	111/112	121/122
WA	49.5%	50.5%	0.0%
ID	9.4%	90.6%	0.0%

Therms by Rate Schedule			
	101	111/112	121/122
WA	(32,594)	(33,256)	-
ID	(62)	(603)	-

Other non-res Site Specific - therms			
	101	111/112	121/122
WA	(100)	(510)	(12)
ID	(29)	(90)	-

Other non-res Site Specific			
	Original	Final	Adjustment
WA	210,878	210,256	(622)
ID	40,167	40,049	(118)

Verified DSM Savings by Program										
	Appliances	HVAC	HVAC Combined	Industrial Process	LEED Certification	Prescriptive Food Service	Pre-Rinse Sprayer	Resource Management	Rooftop Service	Shell
WA	11,514	117,885	140,857	-	2,914	-	22,836	71,634	(17,284)	113,091
ID	4,053	22,563	74,179	-	-	-	660	-	(239)	21,444

Verified DSM Savings by Rate Class			
	101	111/112	121/122
WA	52,203	400,902	10,342
ID	30,083	92,578	-

463,447
122,661
586,107

Audit Adjustments

- 2006 WA & ID Pre-rinse sprayers adjusted in database. No adjustment necessary.
- 2006 WA & ID Rooftop service = 0 therms. Adjustment shown above.
- Large non-res site specific adjustments in database. Other non-res site specific adjustments shown above.

2006 Completed Commercial/Industrial DSM Project Savings (therms)

101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
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101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	44	Pre-Rinse Sprayer
101	WA	279	Rooftop Service
101	WA	74	Rooftop Service
101	WA	238	Rooftop Service
101	WA	794	Rooftop Service
101	WA	50	Rooftop Service
101	WA	69	Rooftop Service
101	WA	110	Rooftop Service
101	WA	1,359	Rooftop Service
101	WA	1,476	Rooftop Service
101	WA	2,712	Rooftop Service
101	WA	1,485	Rooftop Service
101	WA	862	Rooftop Service
101	WA	395	Rooftop Service
101	WA	364	Rooftop Service
101	WA	353	Rooftop Service
101	WA	539	Rooftop Service
101	WA	11	Rooftop Service
101	WA	115	Rooftop Service
101	WA	190	Rooftop Service
101	WA	58	Rooftop Service
101	WA	1,413	Rooftop Service
101	WA	169	Rooftop Service
101	WA	308	Rooftop Service
101	WA	14	Rooftop Service
101	WA	993	Rooftop Service
101	WA	874	Rooftop Service
101	WA	191	Rooftop Service
101	WA	145	Rooftop Service
101	WA	126	Rooftop Service
101	WA	55	Rooftop Service
101	WA	59	Rooftop Service
101	WA	579	Rooftop Service
101	WA	77	Rooftop Service
101	WA	70	Rooftop Service
101	WA	229	Rooftop Service
101	WA	137	Rooftop Service
101	WA	511	Rooftop Service
101	WA	19	Rooftop Service
101	WA	736	Rooftop Service
101	WA	29	Rooftop Service
101	WA	43	Rooftop Service
101	WA	74	Rooftop Service
101	WA	40	Rooftop Service
101	WA	363	Rooftop Service
101	WA	64	Rooftop Service
101	WA	63	Rooftop Service
101	WA	541	Rooftop Service
101	WA	66	Rooftop Service
101	WA	1,774	Rooftop Service
101	WA	2	Rooftop Service
101	WA	1,980	Rooftop Service
101	WA	17	Rooftop Service
101	WA	656	Rooftop Service
101	WA	89	Rooftop Service
101	WA	154	Shell
101	WA	97	Shell
101	WA	178	Shell
101	WA	3,402	Shell
101	WA	803	Shell

2006 Completed Commercial/Industrial DSM Project Savings (therms)

101	WA	494	Shell
101	WA	612	Shell
101	WA	231	Shell
101	WA	175	Shell
101	WA	602	Shell
101	WA	187	Shell
101	WA	302	Shell
101	WA	860	Shell
101	WA	301	Shell
101	WA	692	Shell
101	WA	175	Shell
101	WA	3,117	Shell
101	WA	2,144	Shell
101	WA	652	Shell
101	WA	125	Shell
101	WA	249	Shell
101	WA	197	Shell
101	WA	286	Shell
101	WA	1,180	Shell
101	WA	346	Shell
101	WA	1,047	Shell
101	WA	427	Shell
101	WA	543	Shell
101	WA	764	Shell
101	WA	1,189	Shell
101	WA	4,053	Shell
101	WA	293	Shell
101	WA	438	Shell
101	WA	438	Shell
101	WA	293	Shell
101	WA	988	Shell
111	WA	2,378	Appliances
111	WA	1,354	Appliances
111	WA	600	Appliances
111	WA	23	Appliances
111	WA	351	Appliances
111	WA	1,254	Appliances
111	WA	669	Appliances
111	WA	526	Appliances
111	WA	895	Appliances
111	WA	3,147	HVAC
111	WA	138	HVAC
111	WA	11,865	HVAC
111	WA	6,281	HVAC
111	WA	2,416	HVAC
111	WA	4,195	HVAC
111	WA	5,407	HVAC
111	WA	1,641	HVAC
111	WA	3,629	HVAC
111	WA	1,254	HVAC
111	WA	2,248	HVAC
111	WA	1,643	HVAC
111	WA	2,355	HVAC
111	WA	1,018	HVAC
111	WA	2,497	HVAC
111	WA	632	HVAC
111	WA	2,444	HVAC
111	WA	1,363	HVAC
111	WA	5,291	HVAC
111	WA	1,029	HVAC
111	WA	2,097	HVAC
111	WA	3,363	HVAC
111	WA	2,161	HVAC
111	WA	8,372	HVAC
111	WA	3,486	HVAC
111	WA	1,308	HVAC
111	WA	629	HVAC
111	WA	1,158	HVAC
111	WA	2,569	HVAC
111	WA	3,210	HVAC
111	WA	37,608	HVAC Combined
111	WA	812	HVAC Combined
111	WA	2,120	HVAC Combined
111	WA	955	HVAC Combined
111	WA	955	HVAC Combined
111	WA	21,134	HVAC Combined
111	WA	1,574	HVAC Combined
111	WA	1,135	HVAC Combined
111	WA	1,084	HVAC Combined
111	WA	1,272	HVAC Combined
111	WA	616	HVAC Combined
111	WA	21,056	HVAC Combined
111	WA	15,477	HVAC Combined
111	WA	1,304	HVAC Combined
111	WA	7,116	HVAC Combined
111	WA	2,167	HVAC Combined

2006 Completed Commercial/Industrial DSM Project Savings (therms)

111	WA	2,428	Rooftop Service	
111	WA	59	Rooftop Service	Changed from Rooftop Maintenance
111	WA	867	Rooftop Service	
111	WA	476	Rooftop Service	
111	WA	1,625	Rooftop Service	
111	WA	1,203	Rooftop Service	
111	WA	518	Rooftop Service	
111	WA	186	Rooftop Service	
111	WA	747	Rooftop Service	
111	WA	49	Rooftop Service	
111	WA	1,114	Rooftop Service	
111	WA	473	Rooftop Service	
111	WA	86	Rooftop Service	
111	WA	552	Rooftop Service	
111	WA	42	Rooftop Service	
111	WA	1,428	Rooftop Service	
111	WA	111	Rooftop Service	
111	WA	734	Rooftop Service	
111	WA	806	Rooftop Service	
111	WA	1,856	Rooftop Service	
111	WA	2,373	Rooftop Service	
111	WA	4,060	Rooftop Service	
111	WA	877	Rooftop Service	
111	WA	274	Rooftop Service	
111	WA	577	Rooftop Service	
111	WA	917	Shell	
111	WA	1,636	Shell	
111	WA	326.00	Shell	
111	WA	2,565	Shell	
111	WA	4,600.00	Shell	
111	WA	4,564	Shell	
111	WA	1,746	Shell	
111	WA	293	Shell	
111	WA	1,112	Shell	
111	WA	1,198	Shell	
111	WA	1,174	Shell	
111	WA	304	Shell	
111	WA	465	Shell	
111	WA	6,476	Shell	
111	WA	1,293	Shell	
111	WA	5,123	Shell	
111	WA	154	Shell	
111	WA	3,475	Shell	
111	WA	16,565	Shell	
111	WA	6,554	Shell	
111	WA	1,500	Shell	
111	WA	2,462	Shell	
111	WA	1,448	Shell	
111	WA	719	Shell	
111	WA	351	Shell	
111	WA	3,319	Shell	
111	WA	3,477	Shell	
111	WA	1,345	Shell	
111	WA	1,513	Shell	
111	WA	1,379	Shell	
111	WA	2,887	Shell	
112	WA	3,442	Appliances	
112	WA	176	Pre-Rinse Sprayer	
112	WA	4,271	Shell	
121	WA	5,600	HVAC	
121	WA	3,799	HVAC	
121	WA	735	HVAC Combined	
121	WA	132	Pre-Rinse Sprayer	
122	WA	88	Pre-Rinse Sprayer	
101	ID	1,419	Appliances	
101	ID	145	HVAC	
101	ID	1,597	HVAC	
101	ID	712	HVAC	
101	ID	1,728	HVAC	
101	ID	179	HVAC	
101	ID	175	HVAC	
101	ID	185	HVAC	
101	ID	197	HVAC	
101	ID	221	HVAC	
101	ID	451	HVAC	
101	ID	342	HVAC	
101	ID	288	HVAC	
101	ID	2,096	HVAC	
101	ID	608	HVAC	
101	ID	81	HVAC	
101	ID	297	HVAC Combined	
101	ID	8,986	HVAC Combined	
101	ID	860	HVAC Combined	
101	ID	552	HVAC Combined	
101	ID	44	Pre-Rinse Sprayer	
101	ID	44	Pre-Rinse Sprayer	

2006 Completed Commercial/Industrial DSM Project Savings (therms)

101	ID	40	Rooftop Service
101	ID	1,136	Shell
101	ID	2,470	Shell
101	ID	56	Shell
101	ID	44	Shell
101	ID	247	Shell
101	ID	456	Shell
101	ID	2,695	Shell
101	ID	655	Shell
101	ID	891	Shell
101	ID	277	Shell
111	ID	1,489	Appliances
111	ID	372	Appliances
111	ID	777	Appliances
111	ID	2,944	HVAC
111	ID	4,108	HVAC
111	ID	1,053	HVAC
111	ID	2,676	HVAC
111	ID	2,627	HVAC
111	ID	172	HVAC
111	ID	5,360	HVAC Combined
111	ID	21,754	HVAC Combined
111	ID	19,096	HVAC Combined
111	ID	1,017	HVAC Combined
111	ID	6,652	HVAC Combined
111	ID	1,272	HVAC Combined
111	ID	400	HVAC Combined
111	ID	6,298	HVAC Combined
111	ID	346	HVAC Combined
111	ID	1,361	HVAC Combined
111	ID	572	Pre-Rinse Sprayer
111	ID	386	Rooftop Service
111	ID	2,255	Shell
111	ID	429	Shell
111	ID	1,818	Shell
111	ID	1,504	Shell
111	ID	2,666	Shell
111	ID	1,724	Shell
111	ID	1,358	Shell
111	ID	784	Shell

2007 Residential DSM Savings Calculations

From 2007 Triple-E, Table 6G

Residential DSM (unaudited)				
	Appliances	HVAC	Shell	Total
WA	1,701	85,556	161,305	248,562
ID	2,537	44,627	43,556	90,720

From Avista's 2007 DSM Verification Summaries

(Note that 593 therms was apparently moved from ID to WA in DSM verification summaries.) Titus will adjust the Triple-E report numbers and ignore the 593 therm adjustment (less than 1%) and because jurisdictional allocations do not impact the decoupling mechanism.

Project	Therms contained within verification sample	Therms in related WA population	Therms independently verified	% of claimed therms verified	Adjusted therm claim	Adjustment
WA Residential projects						
<i>High Efficiency Furnaces</i>	782	85,556	686	87.7%	75,053	(10,503)
<i>Windows</i>	3,244	105,260	2,924	90.1%	94,877	(10,383)
<i>Other Res Sampled</i>	4,388	57,153	3,880	88.4%	50,536	(6,617)
		247,969			220,466	
ID Residential projects						
<i>High Efficiency Furnaces</i>	782	44,627	686	87.7%	39,148	(5,479)
<i>Windows</i>	3,244	28,018	2,924	90.1%	25,254	(2,764)
<i>Other Res Sampled</i>	4,388	18,668	3,880	88.4%	16,507	(2,161)
		91,313			80,909	

"Other" Adjustment Applied by Proportion
 Windows Applied to Shell
 "Furnace" Applied to HVAC

Residential DSM Savings (Verified)			
	Total	WA	ID
Appliances	4,132	1,656	2,477
HVAC	110,861	72,775	38,085
Shell	186,383	146,628	39,755
	301,376	221,059	80,316

2007 Limited Income DSM Savings Calculations

From 2007 Triple-E, Table 6G

Limited Income DSM Savings (unaudited)				
	Appliances	HVAC	Shell	Total
WA	218	1,739	68,757	70,714
ID	47	1,989	8,592	10,628

From Avista's 2007 DSM Verification Summaries

Project	Therms contained within verification sample	Therms in related WA population	Therms independently verified	% of claimed therms verified	Adjusted therm claim	Adjustment
WA Limited Income						
<i>Air Infiltration</i>	1,341	11,931	1,277	95.2%	11,362	(569)
<i>Insulation</i>	2,567	53,944	1,994	77.7%	41,903	(12,041)
<i>Windows/Doors</i>	1,395	2,882	1,738	124.6%	3,591	709
<i>Furnaces/Waterheaters</i>	1,430	1,957	1,238	86.6%	1,694	(263)
		70,714			58,549	
ID Limited Income						
<i>Air Infiltration</i>	1,341	1,715	1,277	95.2%	1,633	(82)
<i>Insulation</i>	2,567	2,710	1,994	77.7%	2,105	(605)
<i>Windows/Doors</i>	1,395	4,167	1,738	124.6%	5,192	1,025
<i>Furnaces/Waterheaters</i>	1,430	2,036	1,238	86.6%	1,763	(273)
		10,628			10,692	

Air Infiltration, Insulation & Windows/Doors Applied to Shell
 Furnaces/Waterheaters applied to HVAC and Appliances by Proportion

Limited Income DSM Savings (Verified)			
	Total	WA	ID
Appliances	229	189	41
HVAC	3,227	1,506	1,722
Shell	65,785	56,855	8,930
	69,242	58,549	10,692

2007 Completed Commercial/Industrial DSM Project Savings (therms)

	Appliances	HVAC	HVAC Combined	Industrial Process	LEED Certification	Prescriptive Food Service	Pre-Rinse Sprayer	Resource Management	Rooftop Service	Shell
WA	15,547	117,176	382,680	15,306	10,243	1,778	21,736	-	90,298	174,066
ID	1,637	8,633	47,512	26,274	-	527	20,152	-	74,453	31,800

	101	111	112	121	122	Total
WA	184,347	580,031	7,640	56,416	396	828,830
ID	104,404	106,452	-	132	-	210,988
						1,039,818

	101	111/112	121/122
WA	184,347	587,671	56,812
ID	104,404	106,452	132

Audit Adjustments by Rate Schedule

Original Claims by Rate Schedule

Difference between claimed and verified

Pre-Rinse Sprayer						Pre-Rinse Sprayer Adjustment			
	101	111	112	121	122	Original	Final	Adjustment	
WA	4,224	16,764	-	352	396	24,376	24,376	-	
ID	5,984	14,036	-	132	-	21,120	21,120	-	

Percentage by Rate Schedule			
	101	111/112	121/122
WA	19.4%	77.1%	3.4%
ID	29.7%	69.7%	0.7%

Therms by Rate Schedule			
	101	111/112	121/122
WA	-	-	-
ID	-	-	-

Original Claims by Rate Schedule

Difference between claimed and verified

Rooftop Service						Rooftop Service Adjustment			
	101	111	112	121	122	Original	Final	Adjustment	
WA	48,205	42,093	-	-	-	94,377	27,948	(66,429)	
ID	63,218	11,235	-	-	-	74,453	22,048	(52,405)	

Percentage by Rate Schedule			
	101	111/112	121/122
WA	53.4%	46.6%	0.0%
ID	84.9%	15.1%	0.0%

Therms by Rate Schedule			
	101	111/112	121/122
WA	(35,463)	(30,966)	-
ID	(44,497)	(7,908)	-

Other non-res site specific (therms by rate)			
	101	111/112	121/122
WA	27,699	88,300	8,536
ID	14,347	14,629	18

Other non-res site specific (therms)			
	Original	Final	Adjustment
WA	499,884	624,419	124,535
ID	116,383	145,377	28,994

DSM Savings with Audit Adjustments										
	Appliances	HVAC	HVAC Combined	Industrial Process	LEED Certification	Prescriptive Food Service	Pre-Rinse Sprayer	Resource Management	Rooftop Service	Shell
WA	18,248	137,534	449,166	17,965	12,023	2,087	21,736	-	23,869	204,308
ID	2,045	10,784	59,349	32,820	-	658	20,152	-	22,048	39,722

DSM Savings with Audit Adjustments			
	101	111/112	121/122
WA	176,583	645,004	65,348
ID	74,254	113,173	150

886,936
187,577

Audit Adjustments

- 2006 WA & ID Pre-rinse sprayers adjusted in database. No adjustment necessary.
- 2006 WA & ID Rooftop service adjustment shown above.
- Large non-res site specific adjustments in database. Other non-res site specific adjustments shown above.

2007 Completed Commercial/Industrial DSM Projects

RATE	STATE	THERM	MEASURE	TYPE
101	WA	70.00	Appliances	
101	WA	227.00	Appliances	
101	WA	963.00	Appliances	
101	WA	89.00	HVAC	
101	WA	108.00	HVAC	
101	WA	506.00	HVAC	
101	WA	546.00	HVAC	
101	WA	618.00	HVAC	
101	WA	674.00	HVAC	
101	WA	745.00	HVAC	
101	WA	833.00	HVAC	
101	WA	900.00	HVAC	
101	WA	1,216.00	HVAC	
101	WA	1,689.00	HVAC	
101	WA	1,916.00	HVAC	
101	WA	3,050.00	HVAC	
101	WA	3,201.00	HVAC	
101	WA	3,201.00	HVAC	
101	WA	131.00	HVAC Combined	
101	WA	157.00	HVAC Combined	
101	WA	203.00	HVAC Combined	
101	WA	273.00	HVAC Combined	
101	WA	324.00	HVAC Combined	

2007 Completed Commercial/Industrial DSM Project Savings (therms)

101	WA	44.00	Pre-Rinse Sprayer
101	WA	44.00	Pre-Rinse Sprayer
101	WA	44.00	Pre-Rinse Sprayer
101	WA	44.00	Pre-Rinse Sprayer
101	WA	88.00	Pre-Rinse Sprayer
101	WA	88.00	Pre-Rinse Sprayer
101	WA	88.00	Pre-Rinse Sprayer
101	WA	132.00	Pre-Rinse Sprayer
101	WA	176.00	Pre-Rinse Sprayer
101	WA	264.00	Pre-Rinse Sprayer
101	WA	1,778.00	Prescriptive Food Service
101	WA	8.00	Rooftop Service
101	WA	18.00	Rooftop Service
101	WA	23.00	Rooftop Service
101	WA	25.00	Rooftop Service
101	WA	30.00	Rooftop Service
101	WA	35.00	Rooftop Service
101	WA	36.00	Rooftop Service
101	WA	37.00	Rooftop Service
101	WA	37.00	Rooftop Service
101	WA	38.00	Rooftop Service
101	WA	44.00	Rooftop Service
101	WA	47.00	Rooftop Service
101	WA	50.00	Rooftop Service
101	WA	52.00	Rooftop Service
101	WA	53.00	Rooftop Service
101	WA	53.00	Rooftop Service
101	WA	54.00	Rooftop Service
101	WA	57.00	Rooftop Service
101	WA	60.00	Rooftop Service
101	WA	60.00	Rooftop Service
101	WA	61.00	Rooftop Service
101	WA	61.00	Rooftop Service
101	WA	66.00	Rooftop Service
101	WA	67.00	Rooftop Service
101	WA	69.00	Rooftop Service
101	WA	72.00	Rooftop Service
101	WA	74.00	Rooftop Service
101	WA	77.00	Rooftop Service
101	WA	82.00	Rooftop Service
101	WA	83.00	Rooftop Service
101	WA	84.00	Rooftop Service
101	WA	87.00	Rooftop Service
101	WA	87.00	Rooftop Service
101	WA	87.00	Rooftop Service
101	WA	93.00	Rooftop Service
101	WA	96.00	Rooftop Service
101	WA	97.00	Rooftop Service
101	WA	100.00	Rooftop Service
101	WA	103.00	Rooftop Service
101	WA	114.00	Rooftop Service
101	WA	131.00	Rooftop Service
101	WA	135.00	Rooftop Service
101	WA	142.00	Rooftop Service
101	WA	144.00	Rooftop Service
101	WA	149.00	Rooftop Service
101	WA	164.00	Rooftop Service
101	WA	172.00	Rooftop Service
101	WA	176.00	Rooftop Service
101	WA	209.00	Rooftop Service
101	WA	293.00	Rooftop Service
101	WA	324.00	Rooftop Service
101	WA	335.00	Rooftop Service
101	WA	362.00	Rooftop Service
101	WA	386.00	Rooftop Service
101	WA	491.00	Rooftop Service
101	WA	506.00	Rooftop Service
101	WA	506.00	Rooftop Service
101	WA	573.00	Rooftop Service
101	WA	719.00	Rooftop Service
101	WA	764.00	Rooftop Service
101	WA	777.00	Rooftop Service
101	WA	921.00	Rooftop Service
101	WA	1,004.00	Rooftop Service
101	WA	1,012.00	Rooftop Service
101	WA	1,042.00	Rooftop Service
101	WA	1,087.00	Rooftop Service
101	WA	1,129.00	Rooftop Service
101	WA	1,230.00	Rooftop Service
101	WA	1,237.00	Rooftop Service
101	WA	1,320.00	Rooftop Service
101	WA	1,513.00	Rooftop Service
101	WA	1,572.00	Rooftop Service
101	WA	1,674.00	Rooftop Service
101	WA	1,823.00	Rooftop Service
101	WA	2,054.00	Rooftop Service

2007 Completed Commercial/Industrial DSM Project Savings (therms)

101	WA	2,084.00	Rooftop Service
101	WA	2,119.00	Rooftop Service
101	WA	2,295.00	Rooftop Service
101	WA	2,610.00	Rooftop Service
101	WA	3,048.00	Rooftop Service
101	WA	3,718.00	Rooftop Service
101	WA	3,778.00	Rooftop Service
101	WA	19.00	Shell
101	WA	25.00	Shell
101	WA	45.00	Shell
101	WA	225.00	Shell
101	WA	226.00	Shell
101	WA	230.00	Shell
101	WA	230.00	Shell
101	WA	237.00	Shell
101	WA	270.00	Shell
101	WA	273.00	Shell
101	WA	286.00	Shell
101	WA	329.00	Shell
101	WA	401.00	Shell
101	WA	431.00	Shell
101	WA	438.00	Shell
101	WA	438.00	Shell
101	WA	441.00	Shell
101	WA	521.00	Shell
101	WA	528.00	Shell
101	WA	543.00	Shell
101	WA	609.00	Shell
101	WA	647.00	Shell
101	WA	685.00	Shell
101	WA	688.00	Shell
101	WA	899.00	Shell
101	WA	905.00	Shell
101	WA	938.00	Shell
101	WA	985.00	Shell
101	WA	1,171.00	Shell
101	WA	2,173.00	Shell
101	WA	2,347.00	Shell
101	WA	2,375.00	Shell
101	WA	2,477.00	Shell
101	WA	2,857.00	Shell
101	WA	2,875.00	Shell
101	WA	3,173.00	Shell
101	WA	3,360.00	Shell
101	WA	5,050.00	Shell
101	WA	11,405.00	Shell
101	WA	11,405.00	Shell
101	WA	11,874.00	Shell
111	WA	344.00	Appliances
111	WA	479.00	Appliances
111	WA	720.00	Appliances
111	WA	741.00	Appliances
111	WA	1,360.00	Appliances
111	WA	246.00	HVAC
111	WA	410.00	HVAC
111	WA	571.00	HVAC
111	WA	916.00	HVAC
111	WA	1,177.00	HVAC
111	WA	1,225.00	HVAC
111	WA	1,428.00	HVAC
111	WA	2,419.00	HVAC
111	WA	3,051.00	HVAC
111	WA	3,122.00	HVAC
111	WA	3,174.00	HVAC
111	WA	3,461.00	HVAC
111	WA	4,088.00	HVAC
111	WA	4,169.00	HVAC
111	WA	5,811.00	HVAC
111	WA	5,876.00	HVAC
111	WA	6,256.00	HVAC
111	WA	7,181.00	HVAC
111	WA	7,250.00	HVAC
111	WA	8,582.00	HVAC
111	WA	8,830.00	HVAC
111	WA	14,331.00	HVAC
111	WA	112.00	HVAC Combined
111	WA	139.00	HVAC Combined
111	WA	333.00	HVAC Combined
111	WA	965.00	HVAC Combined
111	WA	966.00	HVAC Combined
111	WA	1,427.00	HVAC Combined
111	WA	2,028.00	HVAC Combined
111	WA	2,439.00	HVAC Combined
111	WA	2,664.00	HVAC Combined
111	WA	2,798.00	HVAC Combined
111	WA	2,832.00	HVAC Combined

2007 Completed Commercial/Industrial DSM Project Savings (therms)

111	ID	88.00	Pre-Rinse Sprayer
111	ID	88.00	Pre-Rinse Sprayer
111	ID	88.00	Pre-Rinse Sprayer
111	ID	88.00	Pre-Rinse Sprayer
111	ID	88.00	Pre-Rinse Sprayer
111	ID	88.00	Pre-Rinse Sprayer
111	ID	88.00	Pre-Rinse Sprayer
111	ID	88.00	Pre-Rinse Sprayer
111	ID	88.00	Pre-Rinse Sprayer
111	ID	88.00	Pre-Rinse Sprayer
111	ID	88.00	Pre-Rinse Sprayer
111	ID	132.00	Pre-Rinse Sprayer
111	ID	132.00	Pre-Rinse Sprayer
111	ID	132.00	Pre-Rinse Sprayer
111	ID	132.00	Pre-Rinse Sprayer
111	ID	132.00	Pre-Rinse Sprayer
111	ID	132.00	Pre-Rinse Sprayer
111	ID	132.00	Pre-Rinse Sprayer
111	ID	132.00	Pre-Rinse Sprayer
111	ID	132.00	Pre-Rinse Sprayer
111	ID	176.00	Pre-Rinse Sprayer
111	ID	176.00	Pre-Rinse Sprayer
111	ID	176.00	Pre-Rinse Sprayer
111	ID	176.00	Pre-Rinse Sprayer
111	ID	220.00	Pre-Rinse Sprayer
111	ID	220.00	Pre-Rinse Sprayer
111	ID	220.00	Pre-Rinse Sprayer
111	ID	220.00	Pre-Rinse Sprayer
111	ID	220.00	Pre-Rinse Sprayer
111	ID	220.00	Pre-Rinse Sprayer
111	ID	220.00	Pre-Rinse Sprayer
111	ID	220.00	Pre-Rinse Sprayer
111	ID	220.00	Pre-Rinse Sprayer
111	ID	264.00	Pre-Rinse Sprayer
111	ID	264.00	Pre-Rinse Sprayer
111	ID	352.00	Pre-Rinse Sprayer
111	ID	396.00	Pre-Rinse Sprayer
111	ID	225.00	Prescriptive Food Service
111	ID	61.00	Rooftop Service
111	ID	98.00	Rooftop Service
111	ID	131.00	Rooftop Service
111	ID	362.00	Rooftop Service
111	ID	582.00	Rooftop Service
111	ID	598.00	Rooftop Service
111	ID	1,154.00	Rooftop Service
111	ID	1,895.00	Rooftop Service
111	ID	2,896.00	Rooftop Service
111	ID	3,458.00	Rooftop Service
111	ID	40.00	Shell
111	ID	1,146.00	Shell
111	ID	2,606.00	Shell
111	ID	2,916.00	Shell
111	ID	8,807.00	Shell
121	ID	44.00	Pre-Rinse Sprayer
121	ID	88.00	Pre-Rinse Sprayer
		1,039,818.00	

2008 Residential DSM Savings Calculations

From 2008 Triple-E, Table 6G

Residential DSM (unaudited)					
	Appliances	HVAC	Sustainable Buildings	Shell	Total
WA	22,082	210,508	1,916	319,961	554,467
ID	7,935	80,909	5,274	100,614	194,732

Remove the verification adjustment from the 2008 Triple-E report.

Remove adjustment for 2008 verification report.

Rpt Category	Est. Therm Savings	
HVAC	718	WA
HVAC	308	ID
HVAC	(26,081)	WA
HVAC	(11,178)	ID
Total	(36,234)	

Non-Adjusted Residential DSM (unaudited)

	Appliances	HVAC	Sustainable Buildings	Shell	Total
WA	22,082	185,145	1,916	319,961	529,104
ID	7,935	70,039	5,274	100,614	183,862

From Avista's 2008 DSM Verification Summaries

Project	Therms contained within verification sample	Therms in related population	Therms independently verified	% of claimed therms verified	Adjusted therm claim	Adjustment
WA Residential projects						
<i>High Efficiency Furnaces</i>	615	208,434	615	100.0%	208,434	-
<i>Insulation</i>	6,281	133,253	7,213	114.8%	153,026	19,773
<i>Windows</i>	4,238	156,219	4,327	102.1%	159,500	3,281
<i>Other Res Sampled</i>	308	25,852	308	100.0%	25,852	-
ID Residential projects						
<i>High Efficiency Furnaces</i>	615	86,310	615	100.0%	86,310	-
<i>Insulation</i>	6,281	34,124	7,213	114.8%	39,187	5,063
<i>Windows</i>	4,238	43,054	4,327	102.1%	43,958	904
<i>Other Res Sampled</i>	308	13,256	308	100.0%	13,256	-

"Other" Adjustment Applied by Proportion

Windows & Insulation Applied to Shell

"Furnace" Applied to HVAC

Residential DSM Savings (Verified)			
	Total	WA	ID
Appliances	30,017	22,082	7,935
HVAC	255,183	185,145	70,039
Shell	449,596	343,014	106,582
Sustainable Buildings	7,190	1,916	5,274
	741,986	552,157	189,829

2008 Limited Income DSM Savings Calculations

From 2008 Triple-E, Table 6G

Limited Income DSM Savings (unaudited)				
	Appliances	HVAC	Shell	Total
WA	70	3,538	89,123	92,731
ID	46	738	8,924	9,708

Remove the verification adjustment from the 2008 Triple-E report.

Remove adjustment for 2008 verification report.

Rpt Category	Est. Therm Savings
Shell	(1,011) WA
Shell	(433) ID
Shell	(4,110) WA
Shell	(1,761) ID
Total	(7,315)

Non-Adjusted Limited Income DSM Savings (unaudited)				
	Appliances	HVAC	Shell	Total
WA	70	3,538	84,002	87,610
ID	46	738	6,729	7,513

From Avista's 2008 DSM Verification Summaries

Project	Therms contained within verification sample	Therms in related WA population	Therms independently verified	% of claimed therms verified	Adjusted therm claim	Adjustment
WA Limited Income						
<i>Air Infiltration</i>	1,341	17,705	1,277	95.2%	16,860	(845)
<i>Insulation</i>	2,567	70,597	1,994	77.7%	54,838	(15,759)
<i>Windows/Doors</i>	1,395	5,941	1,738	124.6%	7,402	1,461
<i>Furnaces/Waterheaters</i>	1,430	3,608	1,238	86.6%	3,124	(484)
		97,851			82,224	
ID Limited Income						
<i>Air Infiltration</i>	1,391	2,197	840	60.4%	1,327	(870)
<i>Insulation</i>	2,732	3,718	2,079	76.1%	2,829	(889)
<i>Windows/Doors</i>	1,843	5,203	1,717	93.2%	4,847	(356)
<i>Furnaces/Waterheaters</i>	1,469	784	1,432	97.5%	764	(20)
		11,902			9,768	

Air Infiltration, Insulation & Windows/Doors Applied to Shell
 Furnaces/Waterheaters applied to HVAC and Appliances by Proportion

Limited Income DSM Savings (Verified)			
	Total	WA	ID
Appliances	105	61	45
HVAC	3,782	3,063	719
Shell	73,474	68,859	4,614
	77,361	71,983	5,379

2008 Completed Commercial/Industrial DSM Project Savings (therms)

	Appliances	HVAC	HVAC Heating	HVAC Combined	Industrial Process	LEED Certification	Prescriptive Food Service	Pre-Rinse Sprayer	Resource Management	Rooftop Service	Shell	UCON MF Shell	Prescriptive Demand Cont. Vent.	Prescriptive Steam Trap Replacem	Prescriptive Comm Clothes Washer
WA	22,637	3,397	78,819	183,232	-	11,202	4,933	-	-	70,014	120,841	22,113	7,335	8,631	-
ID	7,233	-	12,637	321,747	9,908	-	1,463	-	-	128,961	50,722	8,878	1,855	-	840
	101	111	112	121	122	146	Total								
WA	153,796	373,975	-	5,383	-	-	533,154								
ID	125,112	353,179	-	65,953	-	-	544,244								

	101	111/112	121/122	
WA	153,796	373,975	5,383	533,154
ID	125,112	353,179	65,953	544,244

Audit Adjustments

	Original	Final	Adjustment
WA	533,154	429,104	(104,051)
ID	544,244	503,878	(40,366)

Percentage by Rate Schedule			
	101	111/112	121/122
WA	28.8%	70.1%	1.0%
ID	23.0%	64.9%	12.1%

DSM Savings with Audit Adjustments															
	Appliances	HVAC	HVAC Heating	HVAC Combined	Industrial Process	LEED Certification	Prescriptive Food Service	Pre-Rinse Sprayer	Resource Management	Rooftop Service	Shell	UCON MF Shell	Prescriptive Demand Cont. Vent.	Prescriptive Steam Trap Replacem	Prescriptive Comm Clothes Washer
WA	18,219	2,734	63,437	147,472	-	9,016	3,970	-	-	56,350	97,258	17,798	5,903	6,947	-
ID	6,697	-	11,700	297,883	9,173	-	1,354	-	-	119,396	46,960	8,220	1,717	-	778

DSM Savings with Audit Adjustments				
	101	111/112	121/122	
WA	123,781	390,990	4,332	429,104
ID	115,833	326,984	61,061	503,878
Total	239,614	627,974	65,394	932,982

Audit Adjustments

- All WA Non-Res Programs are adjusted above.
- All ID Non-Res Programs are adjusted above.

2008 Completed Commercial/Industrial DSM Projects

TE	GAS STATE	THERM MEASURE	TYPE
101	WA	25.00	Appliances
101	WA	1,750.00	HVAC
101	WA	1,647.00	HVAC
101	WA	164.00	HVAC Combined
101	WA	432.00	HVAC Combined
101	WA	1,081.00	HVAC Combined
101	WA	955.00	HVAC Combined
101	WA	166.00	HVAC Combined
101	WA	691.00	HVAC Combined
101	WA	734.00	HVAC Combined
101	WA	254.00	HVAC Combined
101	WA	5,600.00	HVAC Combined
101	WA	316.00	HVAC Combined
101	WA	1,750.00	HVAC Combined
101	WA	9,643.00	HVAC Combined
101	WA	172.00	HVAC Combined
101	WA	2,030.00	HVAC Combined
101	WA	587.00	HVAC Combined
101	WA	115.00	HVAC Combined
101	WA	180.00	HVAC Combined
101	WA	1,468.00	HVAC Combined
101	WA	259.00	HVAC Combined
101	WA	2,665.00	HVAC Combined
101	WA	1,087.00	HVAC Combined
101	WA	611.00	HVAC Combined
101	WA	756.00	HVAC Combined
101	WA	1,130.00	HVAC Combined
101	WA	785.00	HVAC Heating
101	WA	362.00	HVAC Heating
101	WA	304.00	HVAC Heating
101	WA	344.00	HVAC Heating
101	WA	801.00	HVAC Heating
101	WA	801.00	HVAC Heating
101	WA	956.00	HVAC Heating
101	WA	210.00	HVAC Heating
101	WA	2,200.00	HVAC Heating
101	WA	265.00	HVAC Heating
101	WA	397.00	HVAC Heating
101	WA	1,537.00	HVAC Heating
101	WA	1,659.00	HVAC Heating
101	WA	431.00	HVAC Heating
101	WA	468.00	HVAC Heating
101	WA	931.00	HVAC Heating
101	WA	1,253.00	HVAC Heating
101	WA	291.00	HVAC Heating
101	WA	998.00	HVAC Heating
101	WA	194.00	HVAC Heating
101	WA	1,635.00	HVAC Heating
101	WA	1,310.00	HVAC Heating
101	WA	519.00	HVAC Heating
101	WA	260.00	HVAC Heating
101	WA	446.00	Prescriptive Food Service
101	WA	1,218.00	Rooftop Service
101	WA	2,329.00	Rooftop Service
101	WA	149.00	Rooftop Service
101	WA	436.00	Rooftop Service
101	WA	488.00	Rooftop Service
101	WA	367.00	Rooftop Service
101	WA	1,218.00	Rooftop Service
101	WA	1,829.00	Rooftop Service
101	WA	544.00	Rooftop Service
101	WA	3,155.00	Rooftop Service
101	WA	716.00	Rooftop Service
101	WA	502.00	Rooftop Service
101	WA	600.00	Rooftop Service
101	WA	2,240.00	Rooftop Service
101	WA	806.00	Rooftop Service
101	WA	609.00	Rooftop Service
101	WA	348.00	Rooftop Service
101	WA	491.00	Rooftop Service
101	WA	2,067.00	Rooftop Service
101	WA	3,492.00	Rooftop Service
101	WA	366.00	Rooftop Service
101	WA	2,490.00	Rooftop Service
101	WA	155.00	Rooftop Service
101	WA	417.00	Rooftop Service
101	WA	922.00	Rooftop Service
101	WA	358.00	Rooftop Service
101	WA	1,119.00	Rooftop Service
101	WA	351.00	Rooftop Service
101	WA	7.00	Rooftop Service
101	WA	175.00	Rooftop Service
101	WA	201.00	Rooftop Service
101	WA	578.00	Rooftop Service
101	WA	353.00	Rooftop Service

2008 Completed Commercial/Industrial DSM Project Savings (therms)

101	WA	29.00	Rooftop Service
101	WA	609.00	Rooftop Service
101	WA	2,279.00	Rooftop Service
101	WA	20.00	Rooftop Service
101	WA	142.00	Shell
101	WA	735.00	Shell
101	WA	261.00	Shell
101	WA	4,790.00	Shell
101	WA	177.00	Shell
101	WA	7,662.00	Shell
101	WA	1,212.00	Shell
101	WA	261.00	Shell
101	WA	265.00	Shell
101	WA	230.00	Shell
101	WA	2,668.00	Shell
101	WA	2,146.00	Shell
101	WA	54.00	Shell
101	WA	368.00	Shell
101	WA	232.00	Shell
101	WA	232.00	Shell
101	WA	660.00	Shell
101	WA	39.00	Shell
101	WA	152.00	Shell
101	WA	424.00	Shell
101	WA	1,229.00	Shell
101	WA	354.00	Shell
101	WA	24.00	Shell
101	WA	171.00	Shell
101	WA	339.00	Shell
101	WA	59.00	Shell
101	WA	485.00	Shell
101	WA	1,302.00	Shell
101	WA	651.00	Shell
101	WA	52.00	Shell
101	WA	648.00	Shell
101	WA	516.00	Shell
101	WA	9,500.00	Shell
101	WA	315.00	Shell
101	WA	781.00	Shell
101	WA	1,853.00	Shell
101	WA	80.00	Shell
101	WA	207.00	Shell
101	WA	660.00	Shell
101	WA	89.00	Shell
101	WA	626.40	UCON MF Shell
101	WA	82.50	UCON MF Shell
101	WA	907.20	UCON MF Shell
101	WA	1,170.00	UCON MF Shell
101	WA	1,599.90	UCON MF Shell
101	WA	648.00	UCON MF Shell
101	WA	1,700.90	UCON MF Shell
101	WA	1,475.40	UCON MF Shell
101	WA	3,170.40	UCON MF Shell
101	WA	4,434.00	UCON MF Shell
101	WA	4,138.75	UCON MF Shell
101	WA	2,160.00	UCON MF Shell
111	WA	160.00	Appliances
111	WA	609.00	Appliances
111	WA	507.00	Appliances
111	WA	695.00	Appliances
111	WA	432.00	Appliances
111	WA	1,161.00	Appliances
111	WA	826.00	Appliances
111	WA	1,161.00	Appliances
111	WA	891.00	Appliances
111	WA	1,161.00	Appliances
111	WA	1,161.00	Appliances
111	WA	2,000.00	Appliances
111	WA	253.00	Appliances
111	WA	1,161.00	Appliances
111	WA	1,086.00	Appliances
111	WA	3,911.00	Appliances
111	WA	54.00	Appliances
111	WA	19,647.00	HVAC Combined
111	WA	2,272.00	HVAC Combined
111	WA	728.00	HVAC Combined
111	WA	11,168.00	HVAC Combined
111	WA	1,272.00	HVAC Combined
111	WA	1,272.00	HVAC Combined
111	WA	8,106.00	HVAC Combined
111	WA	6,378.00	HVAC Combined
111	WA	1,152.00	HVAC Combined
111	WA	1,371.00	HVAC Combined
111	WA	118.00	HVAC Combined
111	WA	325.00	HVAC Combined
111	WA	372.00	HVAC Combined
111	WA	591.00	HVAC Combined
111	WA	14,703.00	HVAC Combined
111	WA	358.00	HVAC Combined
111	WA	955.00	HVAC Combined
111	WA	2,875.00	HVAC Combined
111	WA	1,080.00	HVAC Combined
111	WA	308.00	HVAC Combined
111	WA	1,080.00	HVAC Combined
111	WA	955.00	HVAC Combined
111	WA	1,272.00	HVAC Combined
111	WA	927.00	HVAC Combined
111	WA	5,324.00	HVAC Combined
111	WA	254.00	HVAC Combined
111	WA	5,226.00	HVAC Combined
111	WA	5,257.00	HVAC Combined
111	WA	5,826.00	HVAC Combined
111	WA	3,292.00	HVAC Combined
111	WA	2,462.00	HVAC Combined
111	WA	10,263.00	HVAC Combined
111	WA	5,222.00	HVAC Combined
111	WA	2,510.00	HVAC Combined
111	WA	1,389.00	HVAC Combined
111	WA	4,287.00	HVAC Combined
111	WA	1,020.00	HVAC Combined
111	WA	4,237.00	HVAC Combined
111	WA	227.00	HVAC Combined
111	WA	14,305.00	HVAC Combined
111	WA	401.00	HVAC Heating
111	WA	2,141.00	HVAC Heating
111	WA	459.00	HVAC Heating
111	WA	405.00	HVAC Heating
111	WA	2,419.00	HVAC Heating
111	WA	3,113.00	HVAC Heating
111	WA	31,300.00	HVAC Heating
111	WA	1,989.00	HVAC Heating
111	WA	2,615.00	HVAC Heating
111	WA	801.00	HVAC Heating
111	WA	1,593.00	HVAC Heating
111	WA	4,052.00	HVAC Heating
111	WA	2,098.00	HVAC Heating
111	WA	638.00	HVAC Heating
111	WA	234.00	HVAC Heating
111	WA	289.00	HVAC Heating
111	WA	2,654.00	HVAC Heating
111	WA	730.00	HVAC Heating
111	WA	1,977.00	HVAC Heating
111	WA	11,202.00	LEED Certification
111	WA	164.00	Prescriptive Demand Cont. Vent.
111	WA	7,171.00	Prescriptive Demand Cont. Vent.

2008 Completed Commercial/Industrial DSM Project Savings (therms)

111	WA	446.00	Prescriptive Food Service
111	WA	446.00	Prescriptive Food Service
111	WA	446.00	Prescriptive Food Service
111	WA	446.00	Prescriptive Food Service
111	WA	446.00	Prescriptive Food Service
111	WA	446.00	Prescriptive Food Service
111	WA	446.00	Prescriptive Food Service
111	WA	446.00	Prescriptive Food Service
111	WA	446.00	Prescriptive Food Service
111	WA	906.00	Prescriptive Food Service
111	WA	13.00	Prescriptive Food Service
111	WA	827.00	Prescriptive Steam Trap Replacem
111	WA	827.00	Prescriptive Steam Trap Replacem
111	WA	462.00	Prescriptive Steam Trap Replacem
111	WA	1,387.00	Prescriptive Steam Trap Replacem
111	WA	1,101.00	Prescriptive Steam Trap Replacem
111	WA	988.00	Prescriptive Steam Trap Replacem
111	WA	3,039.00	Prescriptive Steam Trap Replacem
111	WA	1,364.00	Rooftop Service
111	WA	3,381.00	Rooftop Service
111	WA	273.00	Rooftop Service
111	WA	5,577.00	Rooftop Service
111	WA	685.00	Rooftop Service
111	WA	1,431.00	Rooftop Service
111	WA	3,232.00	Rooftop Service
111	WA	1,472.00	Rooftop Service
111	WA	84.00	Rooftop Service
111	WA	7,243.00	Rooftop Service
111	WA	1,728.00	Rooftop Service
111	WA	326.00	Rooftop Service
111	WA	635.00	Rooftop Service
111	WA	946.00	Rooftop Service
111	WA	284.00	Rooftop Service
111	WA	1,768.00	Rooftop Service
111	WA	997.00	Rooftop Service
111	WA	1,912.00	Rooftop Service
111	WA	976.00	Rooftop Service
111	WA	1,707.00	Rooftop Service
111	WA	3,042.00	Shell
111	WA	805.00	Shell
111	WA	4,712.00	Shell
111	WA	289.00	Shell
111	WA	1,288.00	Shell
111	WA	1,725.00	Shell
111	WA	1,614.00	Shell
111	WA	1,614.00	Shell
111	WA	1,810.00	Shell
111	WA	3,168.00	Shell
111	WA	925.00	Shell
111	WA	925.00	Shell
111	WA	623.00	Shell
111	WA	1,614.00	Shell
111	WA	404.00	Shell
111	WA	3,861.00	Shell
111	WA	112.00	Shell
111	WA	2,023.00	Shell
111	WA	1,369.00	Shell
111	WA	225.00	Shell
111	WA	783.00	Shell
111	WA	2,023.00	Shell
111	WA	158.00	Shell
111	WA	1,302.00	Shell
111	WA	31.00	Shell
111	WA	319.00	Shell
111	WA	1,243.00	Shell
111	WA	1,283.00	Shell
111	WA	1,289.00	Shell
111	WA	2,106.00	Shell
111	WA	1,354.00	Shell
111	WA	7,563.00	Shell
111	WA	301.00	Shell
111	WA	2,825.00	Shell
111	WA	4,925.00	Shell
111	WA	1,798.00	Shell
111	WA	4,028.00	Shell
111	WA	2,319.00	Shell
111	WA	3,186.00	Shell
111	WA	1,952.00	Shell
111	WA	1,121.00	Shell
111	WA	359.00	Shell
111	WA	1,017.00	Shell
111	WA	1,091.00	Shell
111	WA	2,292.00	Shell
121	WA	163.00	Appliances
121	WA	5,220.00	Appliances
101	ID	372.00	Appliances
101	ID	146.00	HVAC Combined
101	ID	226.00	HVAC Combined
101	ID	85.00	HVAC Combined
101	ID	1,051.00	HVAC Combined
101	ID	101.00	HVAC Combined
101	ID	10,579.00	HVAC Combined
101	ID	270.00	HVAC Combined
101	ID	2,354.00	HVAC Combined
101	ID	993.00	HVAC Combined
101	ID	354.00	HVAC Combined
101	ID	149.00	HVAC Combined
101	ID	955.00	HVAC Combined
101	ID	1,904.00	HVAC Combined
101	ID	18,315.00	HVAC Combined
101	ID	439.00	HVAC Combined
101	ID	184.00	HVAC Combined
101	ID	1,178.00	HVAC Combined
101	ID	516.00	HVAC Combined
101	ID	2,851.00	HVAC Combined
101	ID	2,851.00	HVAC Combined
101	ID	1,575.00	HVAC Combined
101	ID	1,996.00	HVAC Combined
101	ID	2,561.00	HVAC Heating
101	ID	2,100.00	HVAC Heating
101	ID	224.00	HVAC Heating
101	ID	10.00	HVAC Heating
101	ID	2,031.00	HVAC Heating
101	ID	131.00	HVAC Heating
101	ID	9,908.00	Industrial Process
101	ID	840.00	Prescriptive Comm Clothes Washer
101	ID	1,855.00	Prescriptive Demand Cont. Vent.
101	ID	1,928.00	Rooftop Service
101	ID	1,188.00	Rooftop Service
101	ID	2,214.00	Rooftop Service
101	ID	1,759.00	Rooftop Service
101	ID	1,196.00	Rooftop Service
101	ID	404.00	Rooftop Service
101	ID	187.00	Rooftop Service
101	ID	1,269.00	Rooftop Service
101	ID	636.00	Rooftop Service
101	ID	2,915.00	Rooftop Service
101	ID	1,717.00	Rooftop Service
101	ID	584.00	Rooftop Service
101	ID	649.00	Rooftop Service
101	ID	7,263.00	Rooftop Service
101	ID	649.00	Rooftop Service
101	ID	784.00	Rooftop Service
101	ID	195.00	Rooftop Service
101	ID	30.00	Rooftop Service
101	ID	5,764.00	Rooftop Service

2008 Completed Commercial/Industrial DSM Project Savings (therms)

101	ID	6,411.00	Rooftop Service
101	ID	126.00	Rooftop Service
101	ID	581.00	Rooftop Service
101	ID	2,337.00	Rooftop Service
101	ID	524.00	Shell
101	ID	392.00	Shell
101	ID	90.00	Shell
101	ID	189.00	Shell
101	ID	26.00	Shell
101	ID	29.00	Shell
101	ID	1,221.00	Shell
101	ID	1,537.00	Shell
101	ID	1,370.00	Shell
101	ID	95.00	Shell
101	ID	180.00	Shell
101	ID	1,099.00	Shell
101	ID	5,004.00	UCON MF Shell
101	ID	765.00	UCON MF Shell
101	ID	840.00	UCON MF Shell
101	ID	1,861.10	UCON MF Shell
111	ID	1,161.00	Appliances
111	ID	700.00	Appliances
111	ID	44.00	Appliances
111	ID	1,438.00	Appliances
111	ID	502.00	Appliances
111	ID	1,438.00	Appliances
111	ID	1,578.00	Appliances
111	ID	18,679.00	HVAC Combined
111	ID	6,152.00	HVAC Combined
111	ID	10,630.00	HVAC Combined
111	ID	6,750.00	HVAC Combined
111	ID	493.00	HVAC Combined
111	ID	40,753.00	HVAC Combined
111	ID	14,303.00	HVAC Combined
111	ID	5,696.00	HVAC Combined
111	ID	1,486.00	HVAC Combined
111	ID	23,894.00	HVAC Combined
111	ID	9,160.00	HVAC Combined
111	ID	6,240.00	HVAC Combined
111	ID	4,173.00	HVAC Combined
111	ID	1,758.00	HVAC Combined
111	ID	25,771.00	HVAC Combined
111	ID	2,892.00	HVAC Combined
111	ID	10,880.00	HVAC Combined
111	ID	3,470.00	HVAC Combined
111	ID	8,125.00	HVAC Combined
111	ID	619.00	HVAC Combined
111	ID	2,414.00	HVAC Combined
111	ID	2,394.00	HVAC Combined
111	ID	4,614.00	HVAC Heating
111	ID	187.00	HVAC Heating
111	ID	779.00	HVAC Heating
111	ID	1,463.00	Prescriptive Food Service
111	ID	927.00	Rooftop Service
111	ID	2,289.00	Rooftop Service
111	ID	7,268.00	Rooftop Service
111	ID	13,951.00	Rooftop Service
111	ID	1,046.00	Rooftop Service
111	ID	1,314.00	Rooftop Service
111	ID	5,612.00	Rooftop Service
111	ID	363.00	Rooftop Service
111	ID	3,279.00	Rooftop Service
111	ID	542.00	Rooftop Service
111	ID	9,402.00	Rooftop Service
111	ID	12,011.00	Rooftop Service
111	ID	3,726.00	Rooftop Service
111	ID	1,896.00	Rooftop Service
111	ID	12,446.00	Rooftop Service
111	ID	12,103.00	Rooftop Service
111	ID	5,749.00	Shell
111	ID	5,537.00	Shell
111	ID	2,054.00	Shell
111	ID	10,894.00	Shell
111	ID	1,851.00	Shell
111	ID	5,235.00	Shell
111	ID	2,679.00	Shell
111	ID	5,577.00	Shell
111	ID	2,285.00	Shell
111	ID	2,069.00	Shell
111	ID	40.00	Shell
111	ID	408.00	UCON MF Shell
121	ID	65,953.00	HVAC Combined

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Sch	Base Tariff Rates a	Sch 150/156 Tariff Rates b	Total Rates Without Amortization c	Demand Cost d	Commodity Cost e	Margin 11/1/2009 f	GRC RAF Adjustment N/A	Margin After GRC N/A	g	UG-080417 1 - Revenue Related Exp h	Revenue Prior to Gross Up i = c * h	Less: WACOG per Sch 156 j	1/1/2009 Margin Excl Rev Rel Exp k = i - j
101	\$1.13793	\$0.04967	\$1.18760	(\$0.09695)	(\$0.83818)	\$0.25247	\$0.00053	\$0.25300		0.956981	\$1.13651	\$0.89449	\$0.24202
111	First 200 Next 800 Over 1,000	\$0.04964	\$1.21629 \$1.13931 \$1.07141	(\$0.09416) (\$0.09416) (\$0.09416)	(\$0.83818) (\$0.83818) (\$0.83818)	\$0.28397 \$0.20699 \$0.13909	\$0.00054 \$0.00051 \$0.00048	\$0.28451 \$0.20750 \$0.13957		0.956981 0.956981 0.956981	\$1.16397 \$1.09030 \$1.02532	\$0.89182 \$0.89182 \$0.89182	\$0.27215 \$0.19848 \$0.13350
112	First 200 Next 800 Over 1,000	\$0.04964	\$1.21629 \$1.13931 \$1.07141	(\$0.09416) (\$0.09416) (\$0.09416)	(\$0.83818) (\$0.83818) (\$0.83818)	\$0.28397 \$0.20699 \$0.13909	\$0.00054 \$0.00051 \$0.00048	\$0.28451 \$0.20750 \$0.13957		0.956981 0.956981 0.956981	\$1.16397 \$1.09030 \$1.02532	\$0.89182 \$0.89182 \$0.89182	\$0.27215 \$0.19848 \$0.13350
121	First 500 Next 500 Next 9,000 Next 15,000 Over 25,000	\$0.04960	\$1.18458 \$1.13572 \$1.06664 \$1.02325 \$1.01139	(\$0.07816) (\$0.07816) (\$0.07816) (\$0.07816) (\$0.07816)	(\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818)	\$0.26824 \$0.21938 \$0.15030 \$0.10691 \$0.09505	\$0.00053 \$0.00051 \$0.00048 \$0.00046 \$0.00045	\$0.26877 \$0.21989 \$0.15078 \$0.10737 \$0.09550		0.956981 0.956981 0.956981 0.956981 0.956981	\$1.13362 \$1.08686 \$1.02075 \$0.97923 \$0.96788	\$0.87651 \$0.87651 \$0.87651 \$0.87651 \$0.87651	\$0.25711 \$0.21035 \$0.14424 \$0.10272 \$0.09137
122	First 500 Next 500 Next 9,000 Next 15,000 Over 25,000	\$0.04960	\$1.18458 \$1.13572 \$1.06664 \$1.02325 \$1.01139	(\$0.07816) (\$0.07816) (\$0.07816) (\$0.07816) (\$0.07816)	(\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818)	\$0.26824 \$0.21938 \$0.15030 \$0.10691 \$0.09505	\$0.00053 \$0.00051 \$0.00048 \$0.00046 \$0.00045	\$0.26877 \$0.21989 \$0.15078 \$0.10737 \$0.09550		0.956981 0.956981 0.956981 0.956981 0.956981	\$1.13362 \$1.08686 \$1.02075 \$0.97923 \$0.96788	\$0.87651 \$0.87651 \$0.87651 \$0.87651 \$0.87651	\$0.25711 \$0.21035 \$0.14424 \$0.10272 \$0.09137
131	First 10,000 Next 15,000 Next 25,000 Over 50,000	\$0.05013	\$1.03895 \$0.99705 \$0.98677 \$0.98337	(\$0.05962) (\$0.05962) (\$0.05962) (\$0.05962)	(\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818)	\$0.14117 \$0.09927 \$0.08899 \$0.08559	\$0.00046 \$0.00044 \$0.00044 \$0.00044	\$0.14163 \$0.09971 \$0.08943 \$0.08603		0.956981 0.956981 0.956981 0.956981	\$0.99426 \$0.95416 \$0.94432 \$0.94107	\$0.85878 \$0.85878 \$0.85878 \$0.85878	\$0.13548 \$0.09538 \$0.08554 \$0.08229
132	First 10,000 Next 15,000 Next 25,000 Over 50,000	\$0.05013	\$1.03895 \$0.99705 \$0.98677 \$0.98337	(\$0.05962) (\$0.05962) (\$0.05962) (\$0.05962)	(\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818)	\$0.14117 \$0.09927 \$0.08899 \$0.08559	\$0.00046 \$0.00044 \$0.00044 \$0.00044	\$0.14163 \$0.09971 \$0.08943 \$0.08603		0.956981 0.956981 0.956981 0.956981	\$0.99426 \$0.95416 \$0.94432 \$0.94107	\$0.85878 \$0.85878 \$0.85878 \$0.85878	\$0.13548 \$0.09538 \$0.08554 \$0.08229
146	First 20,000 Next 30,000 Next 250,000 Next 200,000 Over 500,000	\$0.05996	\$0.07465 \$0.06646 \$0.05996 \$0.05548 \$0.04180	(\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056)	(\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818)	\$0.07409 \$0.06590 \$0.05940 \$0.05492 \$0.04124	\$0.00003 \$0.00003 \$0.00003 \$0.00002 \$0.00002	\$0.07412 \$0.06593 \$0.05943 \$0.05494 \$0.04126		0.956981 0.956981 0.956981 0.956981 0.956981	\$0.07144 \$0.06360 \$0.05738 \$0.05309 \$0.04000	\$0.00054 \$0.00054 \$0.00054 \$0.00054 \$0.00054	\$0.07090 \$0.06306 \$0.05684 \$0.05255 \$0.03946

Avista Utilities
Margin Analysis
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Sch	Base Tariff Rates	Sch 150/156 Tariff Rates	Total Rates Without Amortization	Demand Cost	Commodity Cost	Margin 11/1/2008	Margin Difference Due to incorrect Rev Adj Factor	UG-070805 1 - Revenue Related Exp	Revenue Prior to Gross Up	Less: WACOG per Sch 156	11/1/2008	
											Margin Excl Rev Rel Exp	
	a	b	c	d	e	f	g	h	i = c * h	j	k = i - j	
101	\$1.12076	\$0.04128	\$1.16204	(\$0.09695)	(\$0.83818)	\$0.22691	\$0.00050	0.956922	\$1.11198	\$0.89449	\$0.21749	
111	First 200	\$1.14698	\$0.04128	\$1.18826	(\$0.09416)	(\$0.83818)	\$0.25594	\$0.00042	0.956922	\$1.13707	\$0.89182	\$0.24525
	Next 800	\$1.07541	\$0.04128	\$1.11669	(\$0.09416)	(\$0.83818)	\$0.18437	\$0.00042	0.956922	\$1.06859	\$0.89182	\$0.17677
	Over 1,000	\$1.00893	\$0.04128	\$1.05021	(\$0.09416)	(\$0.83818)	\$0.11789	\$0.00042	0.956922	\$1.00497	\$0.89182	\$0.11315
112	First 200	\$1.14698	\$0.04128	\$1.18826	(\$0.09416)	(\$0.83818)	\$0.25594	\$0.00042	0.956922	\$1.13707	\$0.89182	\$0.24525
	Next 800	\$1.07541	\$0.04128	\$1.11669	(\$0.09416)	(\$0.83818)	\$0.18437	\$0.00042	0.956922	\$1.06859	\$0.89182	\$0.17677
	Over 1,000	\$1.00893	\$0.04128	\$1.05021	(\$0.09416)	(\$0.83818)	\$0.11789	\$0.00042	0.956922	\$1.00497	\$0.89182	\$0.11315
121	First 500	\$1.11698	\$0.04154	\$1.15852	(\$0.07816)	(\$0.83818)	\$0.24218	\$0.00032	0.956922	\$1.10861	\$0.87651	\$0.23210
	Next 500	\$1.06208	\$0.04154	\$1.10362	(\$0.07816)	(\$0.83818)	\$0.18728	\$0.00032	0.956922	\$1.05608	\$0.87651	\$0.17957
	Next 9,000	\$0.99504	\$0.04154	\$1.03658	(\$0.07816)	(\$0.83818)	\$0.12024	\$0.00032	0.956922	\$0.99193	\$0.87651	\$0.11542
	Next 15,000	\$0.95293	\$0.04154	\$0.99447	(\$0.07816)	(\$0.83818)	\$0.07813	\$0.00032	0.956922	\$0.95163	\$0.87651	\$0.07512
	Over 25,000	\$0.94142	\$0.04154	\$0.98296	(\$0.07816)	(\$0.83818)	\$0.06662	\$0.00032	0.956922	\$0.94062	\$0.87651	\$0.06411
122	First 500	\$1.11698	\$0.04154	\$1.15852	(\$0.07816)	(\$0.83818)	\$0.24218	\$0.00032	0.956922	\$1.10861	\$0.87651	\$0.23210
	Next 500	\$1.06208	\$0.04154	\$1.10362	(\$0.07816)	(\$0.83818)	\$0.18728	\$0.00032	0.956922	\$1.05608	\$0.87651	\$0.17957
	Next 9,000	\$0.99504	\$0.04154	\$1.03658	(\$0.07816)	(\$0.83818)	\$0.12024	\$0.00032	0.956922	\$0.99193	\$0.87651	\$0.11542
	Next 15,000	\$0.95293	\$0.04154	\$0.99447	(\$0.07816)	(\$0.83818)	\$0.07813	\$0.00032	0.956922	\$0.95163	\$0.87651	\$0.07512
	Over 25,000	\$0.94142	\$0.04154	\$0.98296	(\$0.07816)	(\$0.83818)	\$0.06662	\$0.00032	0.956922	\$0.94062	\$0.87651	\$0.06411
131	First 10,000	\$0.98327	\$0.04195	\$1.02522	(\$0.05962)	(\$0.83818)	\$0.12744	\$0.00030	0.956922	\$0.98106	\$0.85878	\$0.12228
	Next 15,000	\$0.94195	\$0.04195	\$0.98390	(\$0.05962)	(\$0.83818)	\$0.08612	\$0.00030	0.956922	\$0.94152	\$0.85878	\$0.08274
	Next 25,000	\$0.93181	\$0.04195	\$0.97376	(\$0.05962)	(\$0.83818)	\$0.07598	\$0.00030	0.956922	\$0.93181	\$0.85878	\$0.07303
	Over 50,000	\$0.92846	\$0.04195	\$0.97041	(\$0.05962)	(\$0.83818)	\$0.07263	\$0.00030	0.956922	\$0.92861	\$0.85878	\$0.06983
132	First 10,000	\$0.98327	\$0.04195	\$1.02522	(\$0.05962)	(\$0.83818)	\$0.12744	\$0.00030	0.956922	\$0.98106	\$0.85878	\$0.12228
	Next 15,000	\$0.94195	\$0.04195	\$0.98390	(\$0.05962)	(\$0.83818)	\$0.08612	\$0.00030	0.956922	\$0.94152	\$0.85878	\$0.08274
	Next 25,000	\$0.93181	\$0.04195	\$0.97376	(\$0.05962)	(\$0.83818)	\$0.07598	\$0.00030	0.956922	\$0.93181	\$0.85878	\$0.07303
	Over 50,000	\$0.92846	\$0.04195	\$0.97041	(\$0.05962)	(\$0.83818)	\$0.07263	\$0.00030	0.956922	\$0.92861	\$0.85878	\$0.06983
146	First 20,000	\$0.07134		\$0.07134	(\$0.00056)		\$0.07078		0.956922	\$0.06827	\$0.00054	\$0.06773
	Next 30,000	\$0.06352		\$0.06352	(\$0.00056)		\$0.06296		0.956922	\$0.06078	\$0.00054	\$0.06024
	Next 250,000	\$0.05730		\$0.05730	(\$0.00056)		\$0.05674		0.956922	\$0.05483	\$0.00054	\$0.05429
	Next 200,000	\$0.05302		\$0.05302	(\$0.00056)		\$0.05246		0.956922	\$0.05074	\$0.00054	\$0.05020
	Over 500,000	\$0.03995		\$0.03995	(\$0.00056)		\$0.03939		0.956922	\$0.03823	\$0.00054	\$0.03769

Avista Utilities
Margin Analysis
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Sch	Base Tariff Rates	Sch 156 Tariff Rates	Total Rates Without Amortization	GRI Funding	Demand Cost	Commodity Cost	Margin 11/1/07	1/1/08 GRC Increase	1/1/08 Margin	Rate After Rate Case a	Rate After PGA b	Increase In Margin c	Total Rates without Amortization d e	UG-070805 1 - Revenue Related Exp h	Revenue Prior to Gross Up i = f * h	Less: WACOG per Sch 150 j	1/1/2008 Margin Excl Rev Rel Exp k = i - j	
101	\$0.89117	\$0.20152	\$1.09269	(\$0.00050)	(\$0.09640)	(\$0.78906)	\$0.20673	\$0.01968	\$0.22641	\$1.11237	\$1.09269	\$0.01968	\$1.11237	0.956922	\$1.06445	\$0.84697	\$0.21748	
111	First 200 Next 800 Over 1,000	\$0.91751 \$0.85036 \$0.78483	\$0.20141 \$0.20141 \$0.20141	\$1.11892 \$1.05177 \$0.98624	(\$0.00041) (\$0.00041) (\$0.00041)	(\$0.09365) (\$0.09365) (\$0.09365)	(\$0.78906) (\$0.78906) (\$0.78906)	\$0.23582 \$0.16867 \$0.10314	\$0.01970 \$0.01528 \$0.01433	\$1.13862 \$1.06705 \$1.00057	\$1.11892 \$1.05177 \$0.98624	\$0.01970 \$0.01528 \$0.01433	\$1.13862 \$1.06705 \$1.00057	0.956922 0.956922 0.956922	\$1.08957 \$1.02108 \$0.95747	\$0.84433 \$0.84433 \$0.84433	\$0.24524 \$0.17675 \$0.11314	
112	First 200 Next 800 Over 1,000	\$0.91751 \$0.85036 \$0.78483	\$0.20141 \$0.20141 \$0.20141	\$1.11892 \$1.05177 \$0.98624	(\$0.00041) (\$0.00041) (\$0.00041)	(\$0.09365) (\$0.09365) (\$0.09365)	(\$0.78906) (\$0.78906) (\$0.78906)	\$0.23582 \$0.16867 \$0.10314	\$0.01970 \$0.01528 \$0.01433	\$1.13862 \$1.06705 \$1.00057	\$1.11892 \$1.05177 \$0.98624	\$0.01970 \$0.01528 \$0.01433	\$1.13862 \$1.06705 \$1.00057	0.956922 0.956922 0.956922	\$1.08957 \$1.02108 \$0.95747	\$0.84433 \$0.84433 \$0.84433	\$0.24524 \$0.17675 \$0.11314	
121	First 500 Next 500 Next 9,000 Next 15,000 Over 25,000	\$0.88772 \$0.83722 \$0.77169 \$0.73016 \$0.71881	\$0.20152 \$0.20152 \$0.20152 \$0.20152 \$0.20152	\$1.08924 \$1.03874 \$0.97321 \$0.93168 \$0.92033	(\$0.00032) (\$0.00032) (\$0.00032) (\$0.00032) (\$0.00032)	(\$0.07768) (\$0.07768) (\$0.07768) (\$0.07768) (\$0.07768)	(\$0.78906) (\$0.78906) (\$0.78906) (\$0.78906) (\$0.78906)	\$0.22218 \$0.17168 \$0.10615 \$0.06462 \$0.05327	\$0.01968 \$0.01528 \$0.01377 \$0.01319 \$0.01303	\$0.24186 \$0.18696 \$0.11992 \$0.07781 \$0.06630	\$1.10892 \$1.05402 \$0.98698 \$0.94487 \$0.93336	\$1.08924 \$1.03874 \$0.97321 \$0.93168 \$0.92033	\$0.01968 \$0.01528 \$0.01377 \$0.01319 \$0.01303	\$1.10892 \$1.05402 \$0.98698 \$0.94487 \$0.93336	0.956922 0.956922 0.956922 0.956922 0.956922	\$1.06115 \$1.00861 \$0.94446 \$0.90417 \$0.89315	\$0.82906 \$0.82906 \$0.82906 \$0.82906 \$0.82906	\$0.23209 \$0.17955 \$0.11540 \$0.07511 \$0.06409
122	First 500 Next 500 Next 9,000 Next 15,000 Over 25,000	\$0.88772 \$0.83722 \$0.77169 \$0.73016 \$0.71881	\$0.20152 \$0.20152 \$0.20152 \$0.20152 \$0.20152	\$1.08924 \$1.03874 \$0.97321 \$0.93168 \$0.92033	(\$0.00032) (\$0.00032) (\$0.00032) (\$0.00032) (\$0.00032)	(\$0.07768) (\$0.07768) (\$0.07768) (\$0.07768) (\$0.07768)	(\$0.78906) (\$0.78906) (\$0.78906) (\$0.78906) (\$0.78906)	\$0.22218 \$0.17168 \$0.10615 \$0.06462 \$0.05327	\$0.01968 \$0.01528 \$0.01377 \$0.01319 \$0.01303	\$0.24186 \$0.18696 \$0.11992 \$0.07781 \$0.06630	\$1.10892 \$1.05402 \$0.98698 \$0.94487 \$0.93336	\$1.08924 \$1.03874 \$0.97321 \$0.93168 \$0.92033	\$0.01968 \$0.01528 \$0.01377 \$0.01319 \$0.01303	\$1.10892 \$1.05402 \$0.98698 \$0.94487 \$0.93336	0.956922 0.956922 0.956922 0.956922 0.956922	\$1.06115 \$1.00861 \$0.94446 \$0.90417 \$0.89315	\$0.82906 \$0.82906 \$0.82906 \$0.82906 \$0.82906	\$0.23209 \$0.17955 \$0.11540 \$0.07511 \$0.06409
131	First 10,000 Next 15,000 Next 25,000 Over 50,000	\$0.76056 \$0.71982 \$0.70982 \$0.70652	\$0.20076 \$0.20076 \$0.20076 \$0.20076	\$0.96132 \$0.92058 \$0.91058 \$0.90728	(\$0.00029) (\$0.00029) (\$0.00029) (\$0.00029)	(\$0.05862) (\$0.05862) (\$0.05862) (\$0.05862)	(\$0.78906) (\$0.78906) (\$0.78906) (\$0.78906)	\$0.11337 \$0.07263 \$0.06263 \$0.05933	\$0.01377 \$0.01319 \$0.01305 \$0.01300	\$0.12714 \$0.08582 \$0.07568 \$0.07233	\$0.97509 \$0.93377 \$0.92363 \$0.92028	\$0.96132 \$0.92058 \$0.91058 \$0.90728	\$0.01377 \$0.01319 \$0.01305 \$0.01300	\$0.97509 \$0.93377 \$0.92363 \$0.92028	0.956922 0.956922 0.956922 0.956922	\$0.93309 \$0.89355 \$0.88384 \$0.88064	\$0.81082 \$0.81082 \$0.81082 \$0.81082	\$0.12227 \$0.08273 \$0.07302 \$0.06982
132	First 10,000 Next 15,000 Next 25,000 Over 50,000	\$0.76056 \$0.71982 \$0.70982 \$0.70652	\$0.20076 \$0.20076 \$0.20076 \$0.20076	\$0.96132 \$0.92058 \$0.91058 \$0.90728	(\$0.00029) (\$0.00029) (\$0.00029) (\$0.00029)	(\$0.05862) (\$0.05862) (\$0.05862) (\$0.05862)	(\$0.78906) (\$0.78906) (\$0.78906) (\$0.78906)	\$0.11337 \$0.07263 \$0.06263 \$0.05933	\$0.01377 \$0.01319 \$0.01305 \$0.01300	\$0.12714 \$0.08582 \$0.07568 \$0.07233	\$0.97509 \$0.93377 \$0.92363 \$0.92028	\$0.96132 \$0.92058 \$0.91058 \$0.90728	\$0.01377 \$0.01319 \$0.01305 \$0.01300	\$0.97509 \$0.93377 \$0.92363 \$0.92028	0.956922 0.956922 0.956922 0.956922	\$0.93309 \$0.89355 \$0.88384 \$0.88064	\$0.81082 \$0.81082 \$0.81082 \$0.81082	\$0.12227 \$0.08273 \$0.07302 \$0.06982
146	First 20,000 Next 30,000 Next 250,000 Next 200,000 Over 500,000	\$0.06716 \$0.05980 \$0.05394 \$0.04991 \$0.03761	\$0.06716 \$0.05980 \$0.05394 \$0.04991 \$0.03761	\$0.06716 \$0.05980 \$0.05394 \$0.04991 \$0.03761	(\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056)	(\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056)	(\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056)	\$0.06660 \$0.05924 \$0.05338 \$0.04935 \$0.03705	\$0.00418 \$0.00372 \$0.00336 \$0.00311 \$0.00234	\$0.07078 \$0.06296 \$0.05674 \$0.05246 \$0.03939	\$0.07134 \$0.06352 \$0.05730 \$0.05302 \$0.03995	\$0.06716 \$0.05980 \$0.05394 \$0.04991 \$0.03761	\$0.00418 \$0.00372 \$0.00336 \$0.00311 \$0.00234	\$0.07134 \$0.06352 \$0.05730 \$0.05302 \$0.03995	0.956922 0.956922 0.956922 0.956922 0.956922	\$0.06827 \$0.06078 \$0.05483 \$0.05074 \$0.03823	\$0.00054 \$0.00054 \$0.00054 \$0.00054 \$0.00054	\$0.06773 \$0.06024 \$0.05429 \$0.05020 \$0.03769

Avista Utilities
Margin Analysis
Washington

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Sch	Base Tariff Rates a	Sch 156/150 Tariff Rates b	Total Rates Without Amortization c	GRI Funding d	Demand Cost e	Commodity Cost f	Margin 11/1/07 g	UG-050483 1 - Revenue Related Exp h	Revenue Prior to Gross Up i = c * h	Less: WACOG per Sch 150 j	11/1/07 Margin Excl Rev Rel Exp k = i - j
101	\$0.89117	\$0.20152	\$1.09269	(\$0.00050)	(\$0.09640)	(\$0.78906)	\$0.20673	0.956533	\$1.04519	\$0.84697	\$0.19822
111											
First 200	\$0.91751	\$0.20141	\$1.11892	(\$0.00041)	(\$0.09365)	(\$0.78906)	\$0.23582	0.956533	\$1.07028	\$0.84433	\$0.22595
Next 800	\$0.85036	\$0.20141	\$1.05177	(\$0.00041)	(\$0.09365)	(\$0.78906)	\$0.16867	0.956533	\$1.00605	\$0.84433	\$0.16172
Over 1,000	\$0.78483	\$0.20141	\$0.98624	(\$0.00041)	(\$0.09365)	(\$0.78906)	\$0.10314	0.956533	\$0.94337	\$0.84433	\$0.09904
112											
First 200	\$0.91751	\$0.20141	\$1.11892	(\$0.00041)	(\$0.09365)	(\$0.78906)	\$0.23582	0.956533	\$1.07028	\$0.84433	\$0.22595
Next 800	\$0.85036	\$0.20141	\$1.05177	(\$0.00041)	(\$0.09365)	(\$0.78906)	\$0.16867	0.956533	\$1.00605	\$0.84433	\$0.16172
Over 1,000	\$0.78483	\$0.20141	\$0.98624	(\$0.00041)	(\$0.09365)	(\$0.78906)	\$0.10314	0.956533	\$0.94337	\$0.84433	\$0.09904
121											
First 500	\$0.88772	\$0.20152	\$1.08924	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.22218	0.956533	\$1.04189	\$0.82906	\$0.21283
Next 500	\$0.83722	\$0.20152	\$1.03874	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.17168	0.956533	\$0.99359	\$0.82906	\$0.16453
Next 9,000	\$0.77169	\$0.20152	\$0.97321	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.10615	0.956533	\$0.93091	\$0.82906	\$0.10185
Next 15,000	\$0.73016	\$0.20152	\$0.93168	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.06462	0.956533	\$0.89118	\$0.82906	\$0.06212
Over 25,000	\$0.71881	\$0.20152	\$0.92033	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.05327	0.956533	\$0.88033	\$0.82906	\$0.05127
122											
First 500	\$0.88772	\$0.20152	\$1.08924	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.22218	0.956533	\$1.04189	\$0.82906	\$0.21283
Next 500	\$0.83722	\$0.20152	\$1.03874	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.17168	0.956533	\$0.99359	\$0.82906	\$0.16453
Next 9,000	\$0.77169	\$0.20152	\$0.97321	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.10615	0.956533	\$0.93091	\$0.82906	\$0.10185
Next 15,000	\$0.73016	\$0.20152	\$0.93168	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.06462	0.956533	\$0.89118	\$0.82906	\$0.06212
Over 25,000	\$0.71881	\$0.20152	\$0.92033	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.05327	0.956533	\$0.88033	\$0.82906	\$0.05127
131											
First 10,000	\$0.76056	\$0.20076	\$0.96132	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.11337	0.956533	\$0.91953	\$0.81082	\$0.10871
Next 15,000	\$0.71982	\$0.20076	\$0.92058	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.07263	0.956533	\$0.88057	\$0.81082	\$0.06975
Next 25,000	\$0.70982	\$0.20076	\$0.91058	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.06263	0.956533	\$0.87100	\$0.81082	\$0.06018
Over 50,000	\$0.70652	\$0.20076	\$0.90728	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.05933	0.956533	\$0.86784	\$0.81082	\$0.05702
132											
First 10,000	\$0.76056	\$0.20076	\$0.96132	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.11337	0.956533	\$0.91953	\$0.81082	\$0.10871
Next 15,000	\$0.71982	\$0.20076	\$0.92058	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.07263	0.956533	\$0.88057	\$0.81082	\$0.06975
Next 25,000	\$0.70982	\$0.20076	\$0.91058	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.06263	0.956533	\$0.87100	\$0.81082	\$0.06018
Over 50,000	\$0.70652	\$0.20076	\$0.90728	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.05933	0.956533	\$0.86784	\$0.81082	\$0.05702
146											
First 20,000	\$0.06716		\$0.06716		(\$0.00056)		\$0.06660	0.956533	\$0.06424	\$0.00054	\$0.06370
Next 30,000	\$0.05980		\$0.05980		(\$0.00056)		\$0.05924	0.956533	\$0.05720	\$0.00054	\$0.05666
Next 250,000	\$0.05394		\$0.05394		(\$0.00056)		\$0.05338	0.956533	\$0.05160	\$0.00054	\$0.05106
Next 200,000	\$0.04991		\$0.04991		(\$0.00056)		\$0.04935	0.956533	\$0.04774	\$0.00054	\$0.04720
Over 500,000	\$0.03761		\$0.03761		(\$0.00056)		\$0.03705	0.956533	\$0.03598	\$0.00054	\$0.03544

Avista Utilities
Margin Analysis
Washington

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Sch	Base Tariff Rates a	Sch 156 Tariff Rates b	Total Rates Without Amortization c	GRI Funding d	Demand Cost e	Commodity Cost f	Margin 11/1/06 g	Note: New margin effective with GRC rates 1/1/06			11/1/06 Margin Excl Rev Rel Exp k = i - j
								UG-050483 1 - Revenue Related Exp h	Revenue Prior to Gross Up i = c * h	Less: WACOG per Sch 156 j	
101	\$0.89117	\$0.20991	\$1.10108	(\$0.00050)	(\$0.09824)	(\$0.79561)	\$0.20673	0.956533	\$1.05322	\$0.85500	\$0.19822
111											
First 200	\$0.91751	\$0.20977	\$1.12728	(\$0.00041)	(\$0.09546)	(\$0.79561)	\$0.23582	0.956533	\$1.07828	\$0.85233	\$0.22595
Next 800	\$0.85036	\$0.20977	\$1.06013	(\$0.00041)	(\$0.09546)	(\$0.79561)	\$0.16867	0.956533	\$1.01405	\$0.85233	\$0.16172
Over 1,000	\$0.78483	\$0.20977	\$0.99460	(\$0.00041)	(\$0.09546)	(\$0.79561)	\$0.10314	0.956533	\$0.95137	\$0.85233	\$0.09904
112											
First 200	\$0.91751	\$0.20977	\$1.12728	(\$0.00041)	(\$0.09546)	(\$0.79561)	\$0.23582	0.956533	\$1.07828	\$0.85233	\$0.22595
Next 800	\$0.85036	\$0.20977	\$1.06013	(\$0.00041)	(\$0.09546)	(\$0.79561)	\$0.16867	0.956533	\$1.01405	\$0.85233	\$0.16172
Over 1,000	\$0.78483	\$0.20977	\$0.99460	(\$0.00041)	(\$0.09546)	(\$0.79561)	\$0.10314	0.956533	\$0.95137	\$0.85233	\$0.09904
121											
First 500	\$0.88772	\$0.20958	\$1.09730	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.22218	0.956533	\$1.04960	\$0.83678	\$0.21282
Next 500	\$0.83722	\$0.20958	\$1.04680	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.17168	0.956533	\$1.00130	\$0.83678	\$0.16452
Next 9,000	\$0.77169	\$0.20958	\$0.98127	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.10615	0.956533	\$0.93862	\$0.83678	\$0.10184
Next 15,000	\$0.73016	\$0.20958	\$0.93974	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.06462	0.956533	\$0.89889	\$0.83678	\$0.06211
Over 25,000	\$0.71881	\$0.20958	\$0.92839	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.05327	0.956533	\$0.88804	\$0.83678	\$0.05126
122											
First 500	\$0.88772	\$0.20958	\$1.09730	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.22218	0.956533	\$1.04960	\$0.83678	\$0.21282
Next 500	\$0.83722	\$0.20958	\$1.04680	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.17168	0.956533	\$1.00130	\$0.83678	\$0.16452
Next 9,000	\$0.77169	\$0.20958	\$0.98127	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.10615	0.956533	\$0.93862	\$0.83678	\$0.10184
Next 15,000	\$0.73016	\$0.20958	\$0.93974	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.06462	0.956533	\$0.89889	\$0.83678	\$0.06211
Over 25,000	\$0.71881	\$0.20958	\$0.92839	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.05327	0.956533	\$0.88804	\$0.83678	\$0.05126
131											
First 10,000	\$0.76056	\$0.20894	\$0.96950	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.11337	0.956533	\$0.92736	\$0.81865	\$0.10871
Next 15,000	\$0.71982	\$0.20894	\$0.92876	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.07263	0.956533	\$0.88839	\$0.81865	\$0.06974
Next 25,000	\$0.70982	\$0.20894	\$0.91876	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.06263	0.956533	\$0.87882	\$0.81865	\$0.06017
Over 50,000	\$0.70652	\$0.20894	\$0.91546	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.05933	0.956533	\$0.87567	\$0.81865	\$0.05702
132											
First 10,000	\$0.76056	\$0.20894	\$0.96950	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.11337	0.956533	\$0.92736	\$0.81865	\$0.10871
Next 15,000	\$0.71982	\$0.20894	\$0.92876	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.07263	0.956533	\$0.88839	\$0.81865	\$0.06974
Next 25,000	\$0.70982	\$0.20894	\$0.91876	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.06263	0.956533	\$0.87882	\$0.81865	\$0.06017
Over 50,000	\$0.70652	\$0.20894	\$0.91546	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.05933	0.956533	\$0.87567	\$0.81865	\$0.05702
146											
First 20,000	\$0.06716	\$0.00000	\$0.06716		(\$0.00056)		\$0.06660	0.956533	\$0.06424	\$0.00054	\$0.06370
Next 30,000	\$0.05980	\$0.00000	\$0.05980		(\$0.00056)		\$0.05924	0.956533	\$0.05720	\$0.00054	\$0.05666
Next 250,000	\$0.05394	\$0.00000	\$0.05394		(\$0.00056)		\$0.05338	0.956533	\$0.05160	\$0.00054	\$0.05106
Next 200,000	\$0.04991	\$0.00000	\$0.04991		(\$0.00056)		\$0.04935	0.956533	\$0.04774	\$0.00054	\$0.04720
Over 500,000	\$0.03761	\$0.00000	\$0.03761		(\$0.00056)		\$0.03705	0.956533	\$0.03598	\$0.00054	\$0.03544

Avista Utilities
Margin Analysis
Washington

	Rate After Rate Case	Rate After PGA and re-allocation of demand	Increase In Margin c	d	e	Total Rates without Amortization f	UG-050483 1 - Revenue Related Exp h	Revenue Prior to Gross Up i = f * h	Updated for demand re-allocation 2/1/2006 Less: WACOG per Sch 156 j	1/1/2006 Margin Excl Rev Rel Exp k = i - j
	a	b	c	d	e	f	h	i = f * h	j	k = i - j
Schedule 101	\$1.12280	\$1.11509	\$0.00771			\$1.12280	0.956533	\$1.07400	\$0.87577	\$0.19823
Schedule 111										
First 200	\$1.14899	\$1.14234	\$0.00665			\$1.14899	0.956533	\$1.09905	\$0.87309	\$0.22596
Next 800	\$1.08184	\$1.07893	\$0.00291			\$1.08184	0.956533	\$1.03482	\$0.87309	\$0.16173
Over 1,000	\$1.01631	\$1.01340	\$0.00291			\$1.01631	0.956533	\$0.97213	\$0.87309	\$0.09904
Schedule 112										
First 200	\$1.14899	\$1.14234	\$0.00665			\$1.14899	0.956533	\$1.09905	\$0.87309	\$0.22596
Next 800	\$1.08184	\$1.07893	\$0.00291			\$1.08184	0.956533	\$1.03482	\$0.87309	\$0.16173
Over 1,000	\$1.01631	\$1.01340	\$0.00291			\$1.01631	0.956533	\$0.97213	\$0.87309	\$0.09904
Schedule 121										
First 500	\$1.11893	\$1.12542	(\$0.00649)			\$1.11893	0.956533	\$1.07029	\$0.85746	\$0.21283
Next 500	\$1.06843	\$1.07859	(\$0.01016)			\$1.06843	0.956533	\$1.02199	\$0.85746	\$0.16453
Next 9,000	\$1.00290	\$1.01306	(\$0.01016)			\$1.00290	0.956533	\$0.95931	\$0.85746	\$0.10185
Next 15,000	\$0.96137	\$0.97291	(\$0.01154)			\$0.96137	0.956533	\$0.91958	\$0.85746	\$0.06212
Over 25,000	\$0.95002	\$0.96311	(\$0.01309)			\$0.95002	0.956533	\$0.90873	\$0.85746	\$0.05127
Schedule 122										
First 500	\$1.11893	\$1.12542	(\$0.00649)			\$1.11893	0.956533	\$1.07029	\$0.85746	\$0.21283
Next 500	\$1.06843	\$1.07859	(\$0.01016)			\$1.06843	0.956533	\$1.02199	\$0.85746	\$0.16453
Next 9,000	\$1.00290	\$1.01306	(\$0.01016)			\$1.00290	0.956533	\$0.95931	\$0.85746	\$0.10185
Next 15,000	\$0.96137	\$0.97291	(\$0.01154)			\$0.96137	0.956533	\$0.91958	\$0.85746	\$0.06212
Over 25,000	\$0.95002	\$0.96311	(\$0.01309)			\$0.95002	0.956533	\$0.90873	\$0.85746	\$0.05127
Schedule 131										
First 10,000	\$0.99117	\$1.01493	(\$0.02376)			\$0.99117	0.956533	\$0.94809	\$0.83937	\$0.10872
Next 15,000	\$0.95043	\$0.97419	(\$0.02376)			\$0.95043	0.956533	\$0.90912	\$0.83937	\$0.06975
Next 25,000	\$0.94043	\$0.96419	(\$0.02376)			\$0.94043	0.956533	\$0.89955	\$0.83937	\$0.06018
Over 50,000	\$0.93713	\$0.96219	(\$0.02506)			\$0.93713	0.956533	\$0.89640	\$0.83937	\$0.05703
Schedule 132										
First 10,000	\$0.99117	\$1.01493	(\$0.02376)			\$0.99117	0.956533	\$0.94809	\$0.83937	\$0.10872
Next 15,000	\$0.95043	\$0.97419	(\$0.02376)			\$0.95043	0.956533	\$0.90912	\$0.83937	\$0.06975
Next 25,000	\$0.94043	\$0.96419	(\$0.02376)			\$0.94043	0.956533	\$0.89955	\$0.83937	\$0.06018
Over 50,000	\$0.93713	\$0.96219	(\$0.02506)			\$0.93713	0.956533	\$0.89640	\$0.83937	\$0.05703
Schedule 146										
First 20,000	\$0.06716	\$0.06634	\$0.00082			\$0.06716	0.956533	\$0.06424	\$0.00054	\$0.06370
Next 30,000	\$0.05980	\$0.05907	\$0.00073			\$0.05980	0.956533	\$0.05720	\$0.00054	\$0.05666
Next 250,000	\$0.05394	\$0.05328	\$0.00066			\$0.05394	0.956533	\$0.05160	\$0.00054	\$0.05106
Next 200,000	\$0.04991	\$0.04930	\$0.00061			\$0.04991	0.956533	\$0.04774	\$0.00054	\$0.04720
Over 500,000	\$0.03761	\$0.03715	\$0.00046			\$0.03761	0.956533	\$0.03598	\$0.00054	\$0.03544

Avista Utilities
Margin Analysis
Washington

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	Base Tariff Rates a	Sch 156/150 Tariff Rates b	Total Rates Without Amortization	GRI Funding d	Demand Cost e	Commodity Cost f	Margin 11/1/05 g	Corrected Total Rates w/o Amort c	UG-041515 1 - Revenue Related Exp h	Revenue Prior to Gross Up i = c * h	Less: WACOG per Sch 156 j	11/1/05 Margin Excl Rev Rel Exp k = i - j
Schedule 101	\$0.76904	\$0.34815	\$1.11719	(\$0.00051)	(\$0.09851)	(\$0.82428)	\$0.19389	\$1.11509	0.957031	\$1.06718	\$0.87471	\$0.19247
		\$0.34605	\$0.00210									
Schedule 111												
First 200	\$0.79649	\$0.34795	\$1.14444	(\$0.00041)	(\$0.09676)	(\$0.82428)	\$0.22299	\$1.14234	0.957031	\$1.09325	\$0.87324	\$0.22001
Next 800	\$0.73308	\$0.34795	\$1.08103	(\$0.00041)	(\$0.09676)	(\$0.82428)	\$0.15958	\$1.07893	0.957031	\$1.03257	\$0.87324	\$0.15933
Over 1,000	\$0.66755	\$0.34795	\$1.01550	(\$0.00041)	(\$0.09676)	(\$0.82428)	\$0.09405	\$1.01340	0.957031	\$0.96986	\$0.87324	\$0.09662
		\$0.34585	\$0.00210									
Schedule 112												
First 200	\$0.79649	\$0.34795	\$1.14444	(\$0.00041)	(\$0.09676)	(\$0.82428)	\$0.22299	\$1.14234	0.957031	\$1.09325	\$0.87324	\$0.22001
Next 800	\$0.73308	\$0.34795	\$1.08103	(\$0.00041)	(\$0.09676)	(\$0.82428)	\$0.15958	\$1.07893	0.957031	\$1.03257	\$0.87324	\$0.15933
Over 1,000	\$0.66755	\$0.34795	\$1.01550	(\$0.00041)	(\$0.09676)	(\$0.82428)	\$0.09405	\$1.01340	0.957031	\$0.96986	\$0.87324	\$0.09662
Schedule 121												
First 500	\$0.77991	\$0.34760	\$1.12751	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.20938	\$1.12542	0.957031	\$1.07706	\$0.86998	\$0.20708
Next 500	\$0.73308	\$0.34760	\$1.08068	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.16255	\$1.07859	0.957031	\$1.03224	\$0.86998	\$0.16226
Next 9,000	\$0.66755	\$0.34760	\$1.01515	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.09702	\$1.01306	0.957031	\$0.96953	\$0.86998	\$0.09955
Next 15,000	\$0.62740	\$0.34760	\$0.97500	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.05687	\$0.97291	0.957031	\$0.93111	\$0.86998	\$0.06113
Over 25,000	\$0.61760	\$0.34760	\$0.96520	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.04707	\$0.96311	0.957031	\$0.92173	\$0.86998	\$0.05175
		\$0.34551	\$0.00209									
Schedule 122												
First 500	\$0.77991	\$0.34760	\$1.12751	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.20938	\$1.12542	0.957031	\$1.07706	\$0.86998	\$0.20708
Next 500	\$0.73308	\$0.34760	\$1.08068	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.16255	\$1.07859	0.957031	\$1.03224	\$0.86998	\$0.16226
Next 9,000	\$0.66755	\$0.34760	\$1.01515	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.09702	\$1.01306	0.957031	\$0.96953	\$0.86998	\$0.09955
Next 15,000	\$0.62740	\$0.34760	\$0.97500	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.05687	\$0.97291	0.957031	\$0.93111	\$0.86998	\$0.06113
Over 25,000	\$0.61760	\$0.34760	\$0.96520	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.04707	\$0.96311	0.957031	\$0.92173	\$0.86998	\$0.05175
Schedule 131												
First 10,000	\$0.66962	\$0.34739	\$1.01701	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.10590	\$1.01493	0.957031	\$0.97132	\$0.86334	\$0.10798
Next 15,000	\$0.62888	\$0.34739	\$0.97627	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.06516	\$0.97419	0.957031	\$0.93233	\$0.86334	\$0.06899
Next 25,000	\$0.61888	\$0.34739	\$0.96627	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.05516	\$0.96419	0.957031	\$0.92276	\$0.86334	\$0.05942
Over 50,000	\$0.61688	\$0.34739	\$0.96427	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.05316	\$0.96219	0.957031	\$0.92085	\$0.86334	\$0.05751
		\$0.34531	\$0.00208									
Schedule 132												
First 10,000	\$0.66962	\$0.34739	\$1.01701	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.10590	\$1.01493	0.957031	\$0.97132	\$0.86334	\$0.10798
Next 15,000	\$0.62888	\$0.34739	\$0.97627	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.06516	\$0.97419	0.957031	\$0.93233	\$0.86334	\$0.06899
Next 25,000	\$0.61888	\$0.34739	\$0.96627	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.05516	\$0.96419	0.957031	\$0.92276	\$0.86334	\$0.05942
Over 50,000	\$0.61688	\$0.34739	\$0.96427	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.05316	\$0.96219	0.957031	\$0.92085	\$0.86334	\$0.05751
Schedule 146												
First 20,000	\$0.06793	(\$0.00159)	\$0.06634		(\$0.00057)		\$0.06577	\$0.06634	0.957031	\$0.06349	\$0.00054	\$0.06295
Next 30,000	\$0.06066	(\$0.00159)	\$0.05907		(\$0.00057)		\$0.05850	\$0.05907	0.957031	\$0.05653	\$0.00054	\$0.05599
Next 250,000	\$0.05487	(\$0.00159)	\$0.05328		(\$0.00057)		\$0.05271	\$0.05328	0.957031	\$0.05099	\$0.00054	\$0.05045
Next 200,000	\$0.05089	(\$0.00159)	\$0.04930		(\$0.00057)		\$0.04873	\$0.04930	0.957031	\$0.04718	\$0.00054	\$0.04664
Over 500,000	\$0.03874	(\$0.00159)	\$0.03715		(\$0.00057)		\$0.03658	\$0.03715	0.957031	\$0.03555	\$0.00054	\$0.03501

Avista Utilities
Margin Analysis
Washington

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	Rate After PGA/Rate Case	Rate After PGA	Increase In Margin	Present Margin	New Margin 11/2/04	Total Rates without Amortization	UG-041515 1 - Revenue Related Exp	Revenue Prior to Gross Up i = f * h	Less: WACOG per PGA wp j	11/2/04 Margin Excl Rev Rel Exp k = i - j
	a	b	c	d	e	f	h	i	j	k
Schedule 101	\$0.92959	\$0.90115	\$0.02844	\$0.16544	\$0.19388	\$0.88346	0.957031	\$0.84550	\$0.65315	\$0.19235
Schedule 111										
First 200	\$0.95536	\$0.92441	\$0.03095	\$0.19202	\$0.22297	\$0.91086	0.957031	\$0.87172	\$0.65163	\$0.22009
Next 800	\$0.89195	\$0.87441	\$0.01754	\$0.14202	\$0.15956	\$0.84745	0.957031	\$0.81104	\$0.65163	\$0.15941
Over 1,000	\$0.82642	\$0.80888	\$0.01754	\$0.07649	\$0.09403	\$0.78192	0.957031	\$0.74832	\$0.65163	\$0.09669
Schedule 112										
First 200	\$0.93170	\$0.90075	\$0.03095	\$0.19202	\$0.22297	\$0.91086	0.957031	\$0.87172	\$0.65163	\$0.22009
Next 800	\$0.86829	\$0.85075	\$0.01754	\$0.14202	\$0.15956	\$0.84745	0.957031	\$0.81104	\$0.65163	\$0.15941
Over 1,000	\$0.80276	\$0.78522	\$0.01754	\$0.07649	\$0.09403	\$0.78192	0.957031	\$0.74832	\$0.65163	\$0.09669
Schedule 121										
First 500	\$0.93670	\$0.90724	\$0.02946	\$0.17991	\$0.20937	\$0.89421	0.957031	\$0.85579	\$0.64883	\$0.20696
Next 500	\$0.88987	\$0.87222	\$0.01765	\$0.14489	\$0.16254	\$0.84738	0.957031	\$0.81097	\$0.64883	\$0.16214
Next 9,000	\$0.82434	\$0.80669	\$0.01765	\$0.07936	\$0.09701	\$0.78185	0.957031	\$0.74825	\$0.64883	\$0.09942
Next 15,000	\$0.78419	\$0.77622	\$0.00797	\$0.04889	\$0.05686	\$0.74170	0.957031	\$0.70983	\$0.64883	\$0.06100
Over 25,000	\$0.77439	\$0.76642	\$0.00797	\$0.03909	\$0.04706	\$0.73190	0.957031	\$0.70045	\$0.64883	\$0.05162
Schedule 122										
First 500	\$0.91374	\$0.88428	\$0.02946	\$0.17991	\$0.20937	\$0.89421	0.957031	\$0.85579	\$0.64883	\$0.20696
Next 500	\$0.86691	\$0.84926	\$0.01765	\$0.14489	\$0.16254	\$0.84738	0.957031	\$0.81097	\$0.64883	\$0.16214
Next 9,000	\$0.80138	\$0.78373	\$0.01765	\$0.07936	\$0.09701	\$0.78185	0.957031	\$0.74825	\$0.64883	\$0.09942
Next 15,000	\$0.76123	\$0.75326	\$0.00797	\$0.04889	\$0.05686	\$0.74170	0.957031	\$0.70983	\$0.64883	\$0.06100
Over 25,000	\$0.75143	\$0.74346	\$0.00797	\$0.03909	\$0.04706	\$0.73190	0.957031	\$0.70045	\$0.64883	\$0.05162
Schedule 131										
First 10,000	\$0.82714	\$0.81535	\$0.01179	\$0.09410	\$0.10589	\$0.78432	0.957031	\$0.75062	\$0.64277	\$0.10785
Next 15,000	\$0.78640	\$0.77461	\$0.01179	\$0.05336	\$0.06515	\$0.74358	0.957031	\$0.71163	\$0.64277	\$0.06886
Next 25,000	\$0.77640	\$0.76461	\$0.01179	\$0.04336	\$0.05515	\$0.73358	0.957031	\$0.70206	\$0.64277	\$0.05929
Over 50,000	\$0.77440	\$0.76261	\$0.01179	\$0.04136	\$0.05315	\$0.73158	0.957031	\$0.70014	\$0.64277	\$0.05737
Schedule 132										
First 10,000	\$0.80329	\$0.79150	\$0.01179	\$0.09410	\$0.10589	\$0.78432	0.957031	\$0.75062	\$0.64277	\$0.10785
Next 15,000	\$0.76255	\$0.75076	\$0.01179	\$0.05336	\$0.06515	\$0.74358	0.957031	\$0.71163	\$0.64277	\$0.06886
Next 25,000	\$0.75255	\$0.74076	\$0.01179	\$0.04336	\$0.05515	\$0.73358	0.957031	\$0.70206	\$0.64277	\$0.05929
Over 50,000	\$0.75055	\$0.73876	\$0.01179	\$0.04136	\$0.05315	\$0.73158	0.957031	\$0.70014	\$0.64277	\$0.05737
Schedule 146										
First 20,000	\$0.06783	\$0.05970	\$0.00813	\$0.05764	\$0.06577	\$0.06634	0.957031	\$0.06349	\$0.00054	\$0.06295
Next 30,000	\$0.06056	\$0.05330	\$0.00726	\$0.05124	\$0.05850	\$0.05907	0.957031	\$0.05653	\$0.00054	\$0.05599
Next 250,000	\$0.05477	\$0.04821	\$0.00656	\$0.04615	\$0.05271	\$0.05328	0.957031	\$0.05099	\$0.00054	\$0.05045
Next 200,000	\$0.05079	\$0.04471	\$0.00608	\$0.04265	\$0.04873	\$0.04930	0.957031	\$0.04718	\$0.00054	\$0.04664
Over 500,000	\$0.03864	\$0.03401	\$0.00463	\$0.03195	\$0.03658	\$0.03715	0.957031	\$0.03555	\$0.00054	\$0.03501

Avista Utilities
Margin Analysis
Washington

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	Base Tariff Rates a	Sch 156/150 Tariff Rates b	Total Rates Without Amortization c	GRI Funding d	Demand Cost e	Commodity Cost f	Margin 11/2/04 Before GRC g	Before GRC Increase			11/2/04 Margin Excl Rev Rel Exp k = i - j
								Tracker CF	Revenue	Less:	
								1 - Revenue Related Exp h	Prior to Gross Up i = c * h	WACOG per PGA wp j	
Schedule 101	\$0.59311	\$0.26191	\$0.85502	(\$0.00051)	(\$0.08998)	(\$0.59909)	\$0.16544	0.947894	\$0.81047	\$0.65315	\$0.15732
Schedule 111											
First 200	\$0.61810	\$0.26181	\$0.87991	(\$0.00041)	(\$0.08839)	(\$0.59909)	\$0.19202	0.947894	\$0.83406	\$0.65163	\$0.18243
Next 800	\$0.56810	\$0.26181	\$0.82991	(\$0.00041)	(\$0.08839)	(\$0.59909)	\$0.14202	0.947894	\$0.78667	\$0.65163	\$0.13504
Over 1,000	\$0.50257	\$0.26181	\$0.76438	(\$0.00041)	(\$0.08839)	(\$0.59909)	\$0.07649	0.947894	\$0.72455	\$0.65163	\$0.07292
Schedule 112											
First 200	\$0.61810	\$0.26181	\$0.87991	(\$0.00041)	(\$0.08839)	(\$0.59909)	\$0.19202	0.947894	\$0.83406	\$0.65163	\$0.18243
Next 800	\$0.56810	\$0.26181	\$0.82991	(\$0.00041)	(\$0.08839)	(\$0.59909)	\$0.14202	0.947894	\$0.78667	\$0.65163	\$0.13504
Over 1,000	\$0.50257	\$0.26181	\$0.76438	(\$0.00041)	(\$0.08839)	(\$0.59909)	\$0.07649	0.947894	\$0.72455	\$0.65163	\$0.07292
Schedule 121											
First 500	\$0.60312	\$0.26163	\$0.86475	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.17991	0.947894	\$0.81969	\$0.64883	\$0.17086
Next 500	\$0.56810	\$0.26163	\$0.82973	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.14489	0.947894	\$0.78650	\$0.64883	\$0.13767
Next 9,000	\$0.50257	\$0.26163	\$0.76420	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.07936	0.947894	\$0.72438	\$0.64883	\$0.07555
Next 15,000	\$0.47210	\$0.26163	\$0.73373	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.04889	0.947894	\$0.69550	\$0.64883	\$0.04667
Over 25,000	\$0.46230	\$0.26163	\$0.72393	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.03909	0.947894	\$0.68621	\$0.64883	\$0.03738
Schedule 122											
First 500	\$0.60312	\$0.26163	\$0.86475	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.17991	0.947894	\$0.81969	\$0.64883	\$0.17086
Next 500	\$0.56810	\$0.26163	\$0.82973	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.14489	0.947894	\$0.78650	\$0.64883	\$0.13767
Next 9,000	\$0.50257	\$0.26163	\$0.76420	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.07936	0.947894	\$0.72438	\$0.64883	\$0.07555
Next 15,000	\$0.47210	\$0.26163	\$0.73373	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.04889	0.947894	\$0.69550	\$0.64883	\$0.04667
Over 25,000	\$0.46230	\$0.26163	\$0.72393	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.03909	0.947894	\$0.68621	\$0.64883	\$0.03738
Schedule 131											
First 10,000	\$0.51074	\$0.26179	\$0.77253	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.09410	0.947894	\$0.73228	\$0.64277	\$0.08951
Next 15,000	\$0.47000	\$0.26179	\$0.73179	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.05336	0.947894	\$0.69366	\$0.64277	\$0.05089
Next 25,000	\$0.46000	\$0.26179	\$0.72179	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.04336	0.947894	\$0.68418	\$0.64277	\$0.04141
Over 50,000	\$0.45800	\$0.26179	\$0.71979	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.04136	0.947894	\$0.68228	\$0.64277	\$0.03951
Schedule 132											
First 10,000	\$0.51074	\$0.26179	\$0.77253	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.09410	0.947894	\$0.73228	\$0.64277	\$0.08951
Next 15,000	\$0.47000	\$0.26179	\$0.73179	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.05336	0.947894	\$0.69366	\$0.64277	\$0.05089
Next 25,000	\$0.46000	\$0.26179	\$0.72179	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.04336	0.947894	\$0.68418	\$0.64277	\$0.04141
Over 50,000	\$0.45800	\$0.26179	\$0.71979	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.04136	0.947894	\$0.68228	\$0.64277	\$0.03951
Schedule 146											
First 20,000	\$0.05969	(\$0.00148)	\$0.05821		(\$0.00057)		\$0.05764	0.947894	\$0.05518	\$0.00054	\$0.05464
Next 30,000	\$0.05329	(\$0.00148)	\$0.05181		(\$0.00057)		\$0.05124	0.947894	\$0.04911	\$0.00054	\$0.04857
Next 250,000	\$0.04820	(\$0.00148)	\$0.04672		(\$0.00057)		\$0.04615	0.947894	\$0.04429	\$0.00054	\$0.04375
Next 200,000	\$0.04470	(\$0.00148)	\$0.04322		(\$0.00057)		\$0.04265	0.947894	\$0.04097	\$0.00054	\$0.04043
Over 500,000	\$0.03400	(\$0.00148)	\$0.03252		(\$0.00057)		\$0.03195	0.947894	\$0.03083	\$0.00054	\$0.03029

Avista Utilities
Margin Analysis
Washington

C:\Documents and Settings\vocks\Local Settings\Temporary Internet Files\OLK84\Historical Margin - Feb 2009.xls]9-11-03

	Base Tariff Rates a	Sch 156 Tariff Rates b	Total Rates Without Amortization c	GRI Funding d	Demand Cost e	Commodity Cost f	9/11/03 Margin g	Tracker CF 1 - Revenue Related Exp h	Revenue Prior to Gross Up i = c * h	Less: WACOG per Sch 156 j	9/11/03 Margin Excl Rev Rel Exp k = i - j
Schedule 101	\$0.59311	\$0.14749	\$0.74060	(\$0.00051)	(\$0.08622)	(\$0.48844)	\$0.16543	0.947894	\$0.70201	\$0.54470	\$0.15731
Schedule 111											
First 200	\$0.61810	\$0.14744	\$0.76554	(\$0.00041)	(\$0.08466)	(\$0.48844)	\$0.19203	0.947894	\$0.72565	\$0.54322	\$0.18243
Next 800	\$0.56810	\$0.14744	\$0.71554	(\$0.00041)	(\$0.08466)	(\$0.48844)	\$0.14203	0.947894	\$0.67826	\$0.54322	\$0.13504
Over 1,000	\$0.50257	\$0.14744	\$0.65001	(\$0.00041)	(\$0.08466)	(\$0.48844)	\$0.07650	0.947894	\$0.61614	\$0.54322	\$0.07292
Schedule 112											
First 200	\$0.61810	\$0.14744	\$0.76554	(\$0.00041)	(\$0.08466)	(\$0.48844)	\$0.19203	0.947894	\$0.72565	\$0.54322	\$0.18243
Next 800	\$0.56810	\$0.14744	\$0.71554	(\$0.00041)	(\$0.08466)	(\$0.48844)	\$0.14203	0.947894	\$0.67826	\$0.54322	\$0.13504
Over 1,000	\$0.50257	\$0.14744	\$0.65001	(\$0.00041)	(\$0.08466)	(\$0.48844)	\$0.07650	0.947894	\$0.61614	\$0.54322	\$0.07292
Schedule 121											
First 500	\$0.60312	\$0.14733	\$0.75045	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.17991	0.947894	\$0.71135	\$0.54049	\$0.17086
Next 500	\$0.56810	\$0.14733	\$0.71543	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.14489	0.947894	\$0.67815	\$0.54049	\$0.13766
Next 9,000	\$0.50257	\$0.14733	\$0.64990	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.07936	0.947894	\$0.61604	\$0.54049	\$0.07555
Next 15,000	\$0.47210	\$0.14733	\$0.61943	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.04889	0.947894	\$0.58715	\$0.54049	\$0.04666
Over 25,000	\$0.46230	\$0.14733	\$0.60963	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.03909	0.947894	\$0.57786	\$0.54049	\$0.03737
Schedule 122											
First 500	\$0.60312	\$0.14733	\$0.75045	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.17991	0.947894	\$0.71135	\$0.54049	\$0.17086
Next 500	\$0.56810	\$0.14733	\$0.71543	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.14489	0.947894	\$0.67815	\$0.54049	\$0.13766
Next 9,000	\$0.50257	\$0.14733	\$0.64990	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.07936	0.947894	\$0.61604	\$0.54049	\$0.07555
Next 15,000	\$0.47210	\$0.14733	\$0.61943	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.04889	0.947894	\$0.58715	\$0.54049	\$0.04666
Over 25,000	\$0.46230	\$0.14733	\$0.60963	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.03909	0.947894	\$0.57786	\$0.54049	\$0.03737
Schedule 131											
First 10,000	\$0.51074	\$0.14709	\$0.65783	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.09410	0.947894	\$0.62355	\$0.53405	\$0.08950
Next 15,000	\$0.47000	\$0.14709	\$0.61709	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.05336	0.947894	\$0.58494	\$0.53405	\$0.05089
Next 25,000	\$0.46000	\$0.14709	\$0.60709	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.04336	0.947894	\$0.57546	\$0.53405	\$0.04141
Over 50,000	\$0.45800	\$0.14709	\$0.60509	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.04136	0.947894	\$0.57356	\$0.53405	\$0.03951
Schedule 132											
First 10,000	\$0.51074	\$0.14709	\$0.65783	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.09410	0.947894	\$0.62355	\$0.53405	\$0.08950
Next 15,000	\$0.47000	\$0.14709	\$0.61709	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.05336	0.947894	\$0.58494	\$0.53405	\$0.05089
Next 25,000	\$0.46000	\$0.14709	\$0.60709	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.04336	0.947894	\$0.57546	\$0.53405	\$0.04141
Over 50,000	\$0.45800	\$0.14709	\$0.60509	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.04136	0.947894	\$0.57356	\$0.53405	\$0.03951
Schedule 146											
First 20,000	\$0.05969	\$0.00011	\$0.05980	(\$0.00006)	(\$0.00210)		\$0.05764	0.947894	\$0.05668	\$0.00199	\$0.05469
Next 30,000	\$0.05329	\$0.00011	\$0.05340	(\$0.00006)	(\$0.00210)		\$0.05124	0.947894	\$0.05062	\$0.00199	\$0.04863
Next 250,000	\$0.04820	\$0.00011	\$0.04831	(\$0.00006)	(\$0.00210)		\$0.04615	0.947894	\$0.04579	\$0.00199	\$0.04380
Next 200,000	\$0.04470	\$0.00011	\$0.04481	(\$0.00006)	(\$0.00210)		\$0.04265	0.947894	\$0.04248	\$0.00199	\$0.04049
Over 500,000	\$0.03400	\$0.00011	\$0.03411	(\$0.00006)	(\$0.00210)		\$0.03195	0.947894	\$0.03233	\$0.00199	\$0.03034

Exhibit C-3 Customer Usage Profile

Usage from Revenue Runs												
	200401	200402	200403	200404	200405	200406	200407	200408	200409	200410	200411	200412
Total for 101	22,410,561	17,879,449	14,445,062	8,516,833	5,529,377	4,030,609	2,503,345	2,146,936	2,446,019	4,010,761	9,850,486	15,974,201
Total for 111/112	8,442,385	7,036,517	5,890,168	3,882,650	2,731,623	2,035,797	1,380,975	1,201,591	1,623,810	1,921,476	4,076,154	6,130,603
Total for 121/122	881,269	910,404	834,138	690,041	662,373	578,987	634,350	623,027	544,232	666,681	832,704	884,457

	200501	200502	200503	200504	200505	200506	200507	200508	200509	200510	200511	200512
Total for 101	19,804,638	18,176,631	13,823,800	10,770,415	5,814,833	3,703,157	2,680,372	2,034,376	2,364,648	4,735,670	8,890,440	20,055,399
Total for 111/112	7,247,931	7,481,248	5,528,312	4,393,003	2,904,168	1,987,643	1,520,919	1,176,323	1,383,429	2,369,056	4,096,528	7,813,291
Total for 121/122	897,254	367,517	771,400	708,714	627,071	601,801	570,944	617,530	475,563	577,245	568,450	383,427

	200601	200602	200603	200604	200605	200606	200607	200608	200609	200610	200611	200612
Total for 101	18,562,669	16,709,536	16,924,558	11,304,373	6,552,477	3,538,290	2,378,214	1,985,594	2,479,717	4,292,105	9,891,005	18,364,798
Total for 111/112	7,173,391	6,529,398	6,548,879	4,639,578	2,884,728	1,535,240	1,415,998	1,184,571	1,526,823	2,296,771	4,230,174	7,030,356
Total for 121/122	779,631	857,699	818,574	717,092	607,588	550,538	489,830	503,240	536,470	601,462	667,269	761,179

	200701	200702	200703	200704	200705	200706	200707	200708	200709	200710	200711	200712
Total for 101	21,292,599	21,234,566	14,472,322	9,724,124	6,113,562	3,664,833	2,462,636	2,010,203	2,332,936	4,484,817	9,398,517	18,392,852
Total for 111/112	7,929,745	7,910,206	5,921,062	4,326,012	2,986,351	1,997,606	1,375,634	1,148,652	1,387,387	2,283,758	4,078,897	6,988,474
Total for 121/122	820,997	895,966	667,986	567,154	509,509	467,850	421,262	370,731	442,401	450,723	586,205	731,799

	200801	200802	200803	200804	200805	200806	200807	200808	200809	200810	200811	200812
Total for 101	20,755,627	22,514,347	14,859,076	13,629,159	8,714,627	4,232,714	2,763,613	2,223,233	2,487,966			
Total for 111/112	7,912,407	8,511,695	5,875,074	5,881,556	3,784,022	2,145,901	1,491,595	1,282,440	1,489,965			
Total for 121/122	779,054	820,276	705,116	228,111	521,510	456,706	446,950	343,089	383,969			

Average Monthly Usage	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Total for 101	20,565,219	19,302,906	14,904,964	10,788,981	6,544,975	3,833,921	2,557,636	2,080,068	2,422,257	4,380,838	9,507,612	18,196,813	115,086,189
Total for 111/112	7,741,172	7,493,813	5,952,699	4,624,560	3,058,178	1,940,437	1,437,024	1,198,715	1,482,283	2,217,765	4,120,438	6,990,681	48,257,766
Total for 121/122	831,641	770,372	759,443	582,222	585,610	531,176	512,667	491,523	476,527	574,028	663,657	690,216	7,469,083

Usage Profile	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total for 101	17.87%	16.77%	12.95%	9.37%	5.69%	3.33%	2.22%	1.81%	2.10%	3.81%	8.26%	15.81%
Total for 111/112	16.04%	15.53%	12.34%	9.58%	6.34%	4.02%	2.98%	2.48%	3.07%	4.60%	8.54%	14.49%
Total for 121/122	11.13%	10.31%	10.17%	7.80%	7.84%	7.11%	6.86%	6.58%	6.38%	7.69%	8.89%	9.24%

Avista Utilities
 Margin Analysis
 Washington
 C:\Documents and Settings\craig\wash\2009Tracker\Wa1208TrackerB.xls\Margins

Sch	Base Tariff Rates a	Sch 150/156 Tariff Rates b	Total Rates Without Amortization c	Demand Cost d	Commodity Cost e	Margin 11/1/2009 f	GRC RAF Adjustment N/A	Margin After GRC N/A	g	UG-080417 1 - Revenue Related Exp h	Revenue Prior to Gross Up i = c * h	Less: WACOG per Sch 156 j	1/1/2009 Margin Excl Rev Rel Exp k = i - j
101	\$1.13793	\$0.04967	\$1.18760	(\$0.09695)	(\$0.83818)	\$0.25247	\$0.00053	\$0.25300		0.956981	\$1.13651	\$0.89449	\$0.24202
111	First 200 Next 800 Over 1,000	\$0.04964	\$1.21629 \$1.13931 \$1.07141	(\$0.09416) (\$0.09416) (\$0.09416)	(\$0.83818) (\$0.83818) (\$0.83818)	\$0.28397 \$0.20699 \$0.13909	\$0.00054 \$0.00051 \$0.00048	\$0.28451 \$0.20750 \$0.13957		0.956981 0.956981 0.956981	\$1.16397 \$1.09030 \$1.02532	\$0.89182 \$0.89182 \$0.89182	\$0.27215 \$0.19848 \$0.13350
112	First 200 Next 800 Over 1,000	\$0.04964	\$1.21629 \$1.13931 \$1.07141	(\$0.09416) (\$0.09416) (\$0.09416)	(\$0.83818) (\$0.83818) (\$0.83818)	\$0.28397 \$0.20699 \$0.13909	\$0.00054 \$0.00051 \$0.00048	\$0.28451 \$0.20750 \$0.13957		0.956981 0.956981 0.956981	\$1.16397 \$1.09030 \$1.02532	\$0.89182 \$0.89182 \$0.89182	\$0.27215 \$0.19848 \$0.13350
121	First 500 Next 500 Next 9,000 Next 15,000 Over 25,000	\$0.04960	\$1.18458 \$1.13572 \$1.06664 \$1.02325 \$1.01139	(\$0.07816) (\$0.07816) (\$0.07816) (\$0.07816) (\$0.07816)	(\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818)	\$0.26824 \$0.21938 \$0.15030 \$0.10691 \$0.09505	\$0.00053 \$0.00051 \$0.00048 \$0.00046 \$0.00045	\$0.26877 \$0.21989 \$0.15078 \$0.10737 \$0.09550		0.956981 0.956981 0.956981 0.956981 0.956981	\$1.13362 \$1.08686 \$1.02075 \$0.97923 \$0.96788	\$0.87651 \$0.87651 \$0.87651 \$0.87651 \$0.87651	\$0.25711 \$0.21035 \$0.14424 \$0.10272 \$0.09137
122	First 500 Next 500 Next 9,000 Next 15,000 Over 25,000	\$0.04960	\$1.18458 \$1.13572 \$1.06664 \$1.02325 \$1.01139	(\$0.07816) (\$0.07816) (\$0.07816) (\$0.07816) (\$0.07816)	(\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818)	\$0.26824 \$0.21938 \$0.15030 \$0.10691 \$0.09505	\$0.00053 \$0.00051 \$0.00048 \$0.00046 \$0.00045	\$0.26877 \$0.21989 \$0.15078 \$0.10737 \$0.09550		0.956981 0.956981 0.956981 0.956981 0.956981	\$1.13362 \$1.08686 \$1.02075 \$0.97923 \$0.96788	\$0.87651 \$0.87651 \$0.87651 \$0.87651 \$0.87651	\$0.25711 \$0.21035 \$0.14424 \$0.10272 \$0.09137
131	First 10,000 Next 15,000 Next 25,000 Over 50,000	\$0.05013	\$1.03895 \$0.99705 \$0.98677 \$0.98337	(\$0.05962) (\$0.05962) (\$0.05962) (\$0.05962)	(\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818)	\$0.14117 \$0.09927 \$0.08899 \$0.08559	\$0.00046 \$0.00044 \$0.00044 \$0.00044	\$0.14163 \$0.09971 \$0.08943 \$0.08603		0.956981 0.956981 0.956981 0.956981	\$0.99426 \$0.95416 \$0.94432 \$0.94107	\$0.85878 \$0.85878 \$0.85878 \$0.85878	\$0.13548 \$0.09538 \$0.08554 \$0.08229
132	First 10,000 Next 15,000 Next 25,000 Over 50,000	\$0.05013	\$1.03895 \$0.99705 \$0.98677 \$0.98337	(\$0.05962) (\$0.05962) (\$0.05962) (\$0.05962)	(\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818)	\$0.14117 \$0.09927 \$0.08899 \$0.08559	\$0.00046 \$0.00044 \$0.00044 \$0.00044	\$0.14163 \$0.09971 \$0.08943 \$0.08603		0.956981 0.956981 0.956981 0.956981	\$0.99426 \$0.95416 \$0.94432 \$0.94107	\$0.85878 \$0.85878 \$0.85878 \$0.85878	\$0.13548 \$0.09538 \$0.08554 \$0.08229
146	First 20,000 Next 30,000 Next 250,000 Next 200,000 Over 500,000	\$0.05996	\$0.07465 \$0.06646 \$0.05996 \$0.05548 \$0.04180	(\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056)	(\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818) (\$0.83818)	\$0.07409 \$0.06590 \$0.05940 \$0.05492 \$0.04124	\$0.00003 \$0.00003 \$0.00003 \$0.00002 \$0.00002	\$0.07412 \$0.06593 \$0.05943 \$0.05494 \$0.04126		0.956981 0.956981 0.956981 0.956981 0.956981	\$0.07144 \$0.06360 \$0.05738 \$0.05309 \$0.04000	\$0.00054 \$0.00054 \$0.00054 \$0.00054 \$0.00054	\$0.07090 \$0.06306 \$0.05684 \$0.05255 \$0.03946

Avista Utilities
Margin Analysis
Washington

Sch	Base Tariff Rates	Sch 150/156 Tariff Rates	Total Rates Without Amortization	Demand Cost	Commodity Cost	Margin 11/1/2008	Margin Difference Due to incorrect Rev Adj Factor	UG-070805 1 - Revenue Related Exp	Revenue Prior to Gross Up	Less: WACOG per Sch 156	11/1/2008	
											11/1/2008	11/1/2008
	a	b	c	d	e	f	g	h	i = c * h	j	k = i - j	
101	\$1.12076	\$0.04128	\$1.16204	(\$0.09695)	(\$0.83818)	\$0.22691	\$0.00050	0.956922	\$1.11198	\$0.89449	\$0.21749	
111	First 200	\$1.14698	\$0.04128	\$1.18826	(\$0.09416)	(\$0.83818)	\$0.25594	\$0.00042	0.956922	\$1.13707	\$0.89182	\$0.24525
	Next 800	\$1.07541	\$0.04128	\$1.11669	(\$0.09416)	(\$0.83818)	\$0.18437	\$0.00042	0.956922	\$1.06859	\$0.89182	\$0.17677
	Over 1,000	\$1.00893	\$0.04128	\$1.05021	(\$0.09416)	(\$0.83818)	\$0.11789	\$0.00042	0.956922	\$1.00497	\$0.89182	\$0.11315
112	First 200	\$1.14698	\$0.04128	\$1.18826	(\$0.09416)	(\$0.83818)	\$0.25594	\$0.00042	0.956922	\$1.13707	\$0.89182	\$0.24525
	Next 800	\$1.07541	\$0.04128	\$1.11669	(\$0.09416)	(\$0.83818)	\$0.18437	\$0.00042	0.956922	\$1.06859	\$0.89182	\$0.17677
	Over 1,000	\$1.00893	\$0.04128	\$1.05021	(\$0.09416)	(\$0.83818)	\$0.11789	\$0.00042	0.956922	\$1.00497	\$0.89182	\$0.11315
121	First 500	\$1.11698	\$0.04154	\$1.15852	(\$0.07816)	(\$0.83818)	\$0.24218	\$0.00032	0.956922	\$1.10861	\$0.87651	\$0.23210
	Next 500	\$1.06208	\$0.04154	\$1.10362	(\$0.07816)	(\$0.83818)	\$0.18728	\$0.00032	0.956922	\$1.05608	\$0.87651	\$0.17957
	Next 9,000	\$0.99504	\$0.04154	\$1.03658	(\$0.07816)	(\$0.83818)	\$0.12024	\$0.00032	0.956922	\$0.99193	\$0.87651	\$0.11542
	Next 15,000	\$0.95293	\$0.04154	\$0.99447	(\$0.07816)	(\$0.83818)	\$0.07813	\$0.00032	0.956922	\$0.95163	\$0.87651	\$0.07512
	Over 25,000	\$0.94142	\$0.04154	\$0.98296	(\$0.07816)	(\$0.83818)	\$0.06662	\$0.00032	0.956922	\$0.94062	\$0.87651	\$0.06411
122	First 500	\$1.11698	\$0.04154	\$1.15852	(\$0.07816)	(\$0.83818)	\$0.24218	\$0.00032	0.956922	\$1.10861	\$0.87651	\$0.23210
	Next 500	\$1.06208	\$0.04154	\$1.10362	(\$0.07816)	(\$0.83818)	\$0.18728	\$0.00032	0.956922	\$1.05608	\$0.87651	\$0.17957
	Next 9,000	\$0.99504	\$0.04154	\$1.03658	(\$0.07816)	(\$0.83818)	\$0.12024	\$0.00032	0.956922	\$0.99193	\$0.87651	\$0.11542
	Next 15,000	\$0.95293	\$0.04154	\$0.99447	(\$0.07816)	(\$0.83818)	\$0.07813	\$0.00032	0.956922	\$0.95163	\$0.87651	\$0.07512
	Over 25,000	\$0.94142	\$0.04154	\$0.98296	(\$0.07816)	(\$0.83818)	\$0.06662	\$0.00032	0.956922	\$0.94062	\$0.87651	\$0.06411
131	First 10,000	\$0.98327	\$0.04195	\$1.02522	(\$0.05962)	(\$0.83818)	\$0.12744	\$0.00030	0.956922	\$0.98106	\$0.85878	\$0.12228
	Next 15,000	\$0.94195	\$0.04195	\$0.98390	(\$0.05962)	(\$0.83818)	\$0.08612	\$0.00030	0.956922	\$0.94152	\$0.85878	\$0.08274
	Next 25,000	\$0.93181	\$0.04195	\$0.97376	(\$0.05962)	(\$0.83818)	\$0.07598	\$0.00030	0.956922	\$0.93181	\$0.85878	\$0.07303
	Over 50,000	\$0.92846	\$0.04195	\$0.97041	(\$0.05962)	(\$0.83818)	\$0.07263	\$0.00030	0.956922	\$0.92861	\$0.85878	\$0.06983
132	First 10,000	\$0.98327	\$0.04195	\$1.02522	(\$0.05962)	(\$0.83818)	\$0.12744	\$0.00030	0.956922	\$0.98106	\$0.85878	\$0.12228
	Next 15,000	\$0.94195	\$0.04195	\$0.98390	(\$0.05962)	(\$0.83818)	\$0.08612	\$0.00030	0.956922	\$0.94152	\$0.85878	\$0.08274
	Next 25,000	\$0.93181	\$0.04195	\$0.97376	(\$0.05962)	(\$0.83818)	\$0.07598	\$0.00030	0.956922	\$0.93181	\$0.85878	\$0.07303
	Over 50,000	\$0.92846	\$0.04195	\$0.97041	(\$0.05962)	(\$0.83818)	\$0.07263	\$0.00030	0.956922	\$0.92861	\$0.85878	\$0.06983
146	First 20,000	\$0.07134		\$0.07134	(\$0.00056)		\$0.07078		0.956922	\$0.06827	\$0.00054	\$0.06773
	Next 30,000	\$0.06352		\$0.06352	(\$0.00056)		\$0.06296		0.956922	\$0.06078	\$0.00054	\$0.06024
	Next 250,000	\$0.05730		\$0.05730	(\$0.00056)		\$0.05674		0.956922	\$0.05483	\$0.00054	\$0.05429
	Next 200,000	\$0.05302		\$0.05302	(\$0.00056)		\$0.05246		0.956922	\$0.05074	\$0.00054	\$0.05020
	Over 500,000	\$0.03995		\$0.03995	(\$0.00056)		\$0.03939		0.956922	\$0.03823	\$0.00054	\$0.03769

Avista Utilities
Margin Analysis
Washington

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Sch	Base Tariff Rates	Sch 156 Tariff Rates	Total Rates Without Amortization	GRI Funding	Demand Cost	Commodity Cost	Margin 11/1/07	1/1/08 GRC Increase	1/1/08 Margin	Rate After Rate Case a	Rate After PGA b	Increase In Margin c	Total Rates without Amortization d e	UG-070805 1 - Revenue Related Exp h	Revenue Prior to Gross Up i = f * h	Less: WACOG per Sch 150 j	1/1/2008 Margin Excl Rev Rel Exp k = i - j
101	\$0.89117	\$0.20152	\$1.09269	(\$0.00050)	(\$0.09640)	(\$0.78906)	\$0.20673	\$0.01968	\$0.22641	\$1.11237	\$1.09269	\$0.01968	\$1.11237	0.956922	\$1.06445	\$0.84697	\$0.21748
111	First 200 Next 800 Over 1,000	\$0.91751 \$0.85036 \$0.78483	\$0.20141 \$0.20141 \$0.20141	\$1.11892 \$1.05177 \$0.98624	(\$0.00041) (\$0.00041) (\$0.00041)	(\$0.09365) (\$0.09365) (\$0.09365)	(\$0.78906) (\$0.78906) (\$0.78906)	\$0.23582 \$0.16867 \$0.10314	\$0.01970 \$0.01528 \$0.01433	\$1.13862 \$1.06705 \$1.00057	\$1.11892 \$1.05177 \$0.98624	\$0.01970 \$0.01528 \$0.01433	\$1.13862 \$1.06705 \$1.00057	0.956922 0.956922 0.956922	\$1.08957 \$1.02108 \$0.95747	\$0.84433 \$0.84433 \$0.84433	\$0.24524 \$0.17675 \$0.11314
112	First 200 Next 800 Over 1,000	\$0.91751 \$0.85036 \$0.78483	\$0.20141 \$0.20141 \$0.20141	\$1.11892 \$1.05177 \$0.98624	(\$0.00041) (\$0.00041) (\$0.00041)	(\$0.09365) (\$0.09365) (\$0.09365)	(\$0.78906) (\$0.78906) (\$0.78906)	\$0.23582 \$0.16867 \$0.10314	\$0.01970 \$0.01528 \$0.01433	\$1.13862 \$1.06705 \$1.00057	\$1.11892 \$1.05177 \$0.98624	\$0.01970 \$0.01528 \$0.01433	\$1.13862 \$1.06705 \$1.00057	0.956922 0.956922 0.956922	\$1.08957 \$1.02108 \$0.95747	\$0.84433 \$0.84433 \$0.84433	\$0.24524 \$0.17675 \$0.11314
121	First 500 Next 500 Next 9,000 Next 15,000 Over 25,000	\$0.88772 \$0.83722 \$0.77169 \$0.73016 \$0.71881	\$0.20152 \$0.20152 \$0.20152 \$0.20152 \$0.20152	\$1.08924 \$1.03874 \$0.97321 \$0.93168 \$0.92033	(\$0.00032) (\$0.00032) (\$0.00032) (\$0.00032) (\$0.00032)	(\$0.07768) (\$0.07768) (\$0.07768) (\$0.07768) (\$0.07768)	(\$0.78906) (\$0.78906) (\$0.78906) (\$0.78906) (\$0.78906)	\$0.22218 \$0.17168 \$0.10615 \$0.06462 \$0.05327	\$0.01968 \$0.01528 \$0.01377 \$0.01319 \$0.01303	\$1.10892 \$1.05402 \$0.98698 \$0.94487 \$0.93336	\$1.08924 \$1.03874 \$0.97321 \$0.93168 \$0.92033	\$0.01968 \$0.01528 \$0.01377 \$0.01319 \$0.01303	\$1.10892 \$1.05402 \$0.98698 \$0.94487 \$0.93336	0.956922 0.956922 0.956922 0.956922 0.956922	\$1.06115 \$1.00861 \$0.94446 \$0.90417 \$0.89315	\$0.82906 \$0.82906 \$0.82906 \$0.82906 \$0.82906	\$0.23209 \$0.17955 \$0.11540 \$0.07511 \$0.06409
122	First 500 Next 500 Next 9,000 Next 15,000 Over 25,000	\$0.88772 \$0.83722 \$0.77169 \$0.73016 \$0.71881	\$0.20152 \$0.20152 \$0.20152 \$0.20152 \$0.20152	\$1.08924 \$1.03874 \$0.97321 \$0.93168 \$0.92033	(\$0.00032) (\$0.00032) (\$0.00032) (\$0.00032) (\$0.00032)	(\$0.07768) (\$0.07768) (\$0.07768) (\$0.07768) (\$0.07768)	(\$0.78906) (\$0.78906) (\$0.78906) (\$0.78906) (\$0.78906)	\$0.22218 \$0.17168 \$0.10615 \$0.06462 \$0.05327	\$0.01968 \$0.01528 \$0.01377 \$0.01319 \$0.01303	\$1.10892 \$1.05402 \$0.98698 \$0.94487 \$0.93336	\$1.08924 \$1.03874 \$0.97321 \$0.93168 \$0.92033	\$0.01968 \$0.01528 \$0.01377 \$0.01319 \$0.01303	\$1.10892 \$1.05402 \$0.98698 \$0.94487 \$0.93336	0.956922 0.956922 0.956922 0.956922 0.956922	\$1.06115 \$1.00861 \$0.94446 \$0.90417 \$0.89315	\$0.82906 \$0.82906 \$0.82906 \$0.82906 \$0.82906	\$0.23209 \$0.17955 \$0.11540 \$0.07511 \$0.06409
131	First 10,000 Next 15,000 Next 25,000 Over 50,000	\$0.76056 \$0.71982 \$0.70982 \$0.70652	\$0.20076 \$0.20076 \$0.20076 \$0.20076	\$0.96132 \$0.92058 \$0.91058 \$0.90728	(\$0.00029) (\$0.00029) (\$0.00029) (\$0.00029)	(\$0.05862) (\$0.05862) (\$0.05862) (\$0.05862)	(\$0.78906) (\$0.78906) (\$0.78906) (\$0.78906)	\$0.11337 \$0.07263 \$0.06263 \$0.05933	\$0.01377 \$0.01319 \$0.01305 \$0.01300	\$0.97509 \$0.93377 \$0.92363 \$0.92028	\$0.96132 \$0.92058 \$0.91058 \$0.90728	\$0.01377 \$0.01319 \$0.01305 \$0.01300	\$0.97509 \$0.93377 \$0.92363 \$0.92028	0.956922 0.956922 0.956922 0.956922	\$0.93309 \$0.89355 \$0.88384 \$0.88064	\$0.81082 \$0.81082 \$0.81082 \$0.81082	\$0.12227 \$0.08273 \$0.07302 \$0.06982
132	First 10,000 Next 15,000 Next 25,000 Over 50,000	\$0.76056 \$0.71982 \$0.70982 \$0.70652	\$0.20076 \$0.20076 \$0.20076 \$0.20076	\$0.96132 \$0.92058 \$0.91058 \$0.90728	(\$0.00029) (\$0.00029) (\$0.00029) (\$0.00029)	(\$0.05862) (\$0.05862) (\$0.05862) (\$0.05862)	(\$0.78906) (\$0.78906) (\$0.78906) (\$0.78906)	\$0.11337 \$0.07263 \$0.06263 \$0.05933	\$0.01377 \$0.01319 \$0.01305 \$0.01300	\$0.97509 \$0.93377 \$0.92363 \$0.92028	\$0.96132 \$0.92058 \$0.91058 \$0.90728	\$0.01377 \$0.01319 \$0.01305 \$0.01300	\$0.97509 \$0.93377 \$0.92363 \$0.92028	0.956922 0.956922 0.956922 0.956922	\$0.93309 \$0.89355 \$0.88384 \$0.88064	\$0.81082 \$0.81082 \$0.81082 \$0.81082	\$0.12227 \$0.08273 \$0.07302 \$0.06982
146	First 20,000 Next 30,000 Next 250,000 Next 200,000 Over 500,000	\$0.06716 \$0.05980 \$0.05394 \$0.04991 \$0.03761	\$0.06716 \$0.05980 \$0.05394 \$0.04991 \$0.03761	\$0.06716 \$0.05980 \$0.05394 \$0.04991 \$0.03761	(\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056)	(\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056)	(\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056) (\$0.00056)	\$0.06660 \$0.05924 \$0.05338 \$0.04935 \$0.03705	\$0.00418 \$0.00372 \$0.00336 \$0.00311 \$0.00234	\$0.07134 \$0.06352 \$0.05730 \$0.05302 \$0.03995	\$0.06716 \$0.05980 \$0.05394 \$0.04991 \$0.03761	\$0.00418 \$0.00372 \$0.00336 \$0.00311 \$0.00234	\$0.07134 \$0.06352 \$0.05730 \$0.05302 \$0.03995	0.956922 0.956922 0.956922 0.956922 0.956922	\$0.06827 \$0.06078 \$0.05483 \$0.05074 \$0.03823	\$0.00054 \$0.00054 \$0.00054 \$0.00054 \$0.00054	\$0.06773 \$0.06024 \$0.05429 \$0.05020 \$0.03769

Avista Utilities
Margin Analysis
Washington

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Sch	Base Tariff Rates a	Sch 156/150 Tariff Rates b	Total Rates Without Amortization c	GRI Funding d	Demand Cost e	Commodity Cost f	Margin 11/1/07 g	UG-050483 1 - Revenue Related Exp h	Revenue Prior to Gross Up i = c * h	Less: WACOG per Sch 150 j	11/1/07 Margin Excl Rev Rel Exp k = i - j
101	\$0.89117	\$0.20152	\$1.09269	(\$0.00050)	(\$0.09640)	(\$0.78906)	\$0.20673	0.956533	\$1.04519	\$0.84697	\$0.19822
111											
First 200	\$0.91751	\$0.20141	\$1.11892	(\$0.00041)	(\$0.09365)	(\$0.78906)	\$0.23582	0.956533	\$1.07028	\$0.84433	\$0.22595
Next 800	\$0.85036	\$0.20141	\$1.05177	(\$0.00041)	(\$0.09365)	(\$0.78906)	\$0.16867	0.956533	\$1.00605	\$0.84433	\$0.16172
Over 1,000	\$0.78483	\$0.20141	\$0.98624	(\$0.00041)	(\$0.09365)	(\$0.78906)	\$0.10314	0.956533	\$0.94337	\$0.84433	\$0.09904
112											
First 200	\$0.91751	\$0.20141	\$1.11892	(\$0.00041)	(\$0.09365)	(\$0.78906)	\$0.23582	0.956533	\$1.07028	\$0.84433	\$0.22595
Next 800	\$0.85036	\$0.20141	\$1.05177	(\$0.00041)	(\$0.09365)	(\$0.78906)	\$0.16867	0.956533	\$1.00605	\$0.84433	\$0.16172
Over 1,000	\$0.78483	\$0.20141	\$0.98624	(\$0.00041)	(\$0.09365)	(\$0.78906)	\$0.10314	0.956533	\$0.94337	\$0.84433	\$0.09904
121											
First 500	\$0.88772	\$0.20152	\$1.08924	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.22218	0.956533	\$1.04189	\$0.82906	\$0.21283
Next 500	\$0.83722	\$0.20152	\$1.03874	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.17168	0.956533	\$0.99359	\$0.82906	\$0.16453
Next 9,000	\$0.77169	\$0.20152	\$0.97321	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.10615	0.956533	\$0.93091	\$0.82906	\$0.10185
Next 15,000	\$0.73016	\$0.20152	\$0.93168	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.06462	0.956533	\$0.89118	\$0.82906	\$0.06212
Over 25,000	\$0.71881	\$0.20152	\$0.92033	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.05327	0.956533	\$0.88033	\$0.82906	\$0.05127
122											
First 500	\$0.88772	\$0.20152	\$1.08924	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.22218	0.956533	\$1.04189	\$0.82906	\$0.21283
Next 500	\$0.83722	\$0.20152	\$1.03874	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.17168	0.956533	\$0.99359	\$0.82906	\$0.16453
Next 9,000	\$0.77169	\$0.20152	\$0.97321	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.10615	0.956533	\$0.93091	\$0.82906	\$0.10185
Next 15,000	\$0.73016	\$0.20152	\$0.93168	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.06462	0.956533	\$0.89118	\$0.82906	\$0.06212
Over 25,000	\$0.71881	\$0.20152	\$0.92033	(\$0.00032)	(\$0.07768)	(\$0.78906)	\$0.05327	0.956533	\$0.88033	\$0.82906	\$0.05127
131											
First 10,000	\$0.76056	\$0.20076	\$0.96132	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.11337	0.956533	\$0.91953	\$0.81082	\$0.10871
Next 15,000	\$0.71982	\$0.20076	\$0.92058	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.07263	0.956533	\$0.88057	\$0.81082	\$0.06975
Next 25,000	\$0.70982	\$0.20076	\$0.91058	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.06263	0.956533	\$0.87100	\$0.81082	\$0.06018
Over 50,000	\$0.70652	\$0.20076	\$0.90728	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.05933	0.956533	\$0.86784	\$0.81082	\$0.05702
132											
First 10,000	\$0.76056	\$0.20076	\$0.96132	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.11337	0.956533	\$0.91953	\$0.81082	\$0.10871
Next 15,000	\$0.71982	\$0.20076	\$0.92058	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.07263	0.956533	\$0.88057	\$0.81082	\$0.06975
Next 25,000	\$0.70982	\$0.20076	\$0.91058	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.06263	0.956533	\$0.87100	\$0.81082	\$0.06018
Over 50,000	\$0.70652	\$0.20076	\$0.90728	(\$0.00029)	(\$0.05862)	(\$0.78906)	\$0.05933	0.956533	\$0.86784	\$0.81082	\$0.05702
146											
First 20,000	\$0.06716		\$0.06716		(\$0.00056)		\$0.06660	0.956533	\$0.06424	\$0.00054	\$0.06370
Next 30,000	\$0.05980		\$0.05980		(\$0.00056)		\$0.05924	0.956533	\$0.05720	\$0.00054	\$0.05666
Next 250,000	\$0.05394		\$0.05394		(\$0.00056)		\$0.05338	0.956533	\$0.05160	\$0.00054	\$0.05106
Next 200,000	\$0.04991		\$0.04991		(\$0.00056)		\$0.04935	0.956533	\$0.04774	\$0.00054	\$0.04720
Over 500,000	\$0.03761		\$0.03761		(\$0.00056)		\$0.03705	0.956533	\$0.03598	\$0.00054	\$0.03544

Avista Utilities
Margin Analysis
Washington

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Note: New margin effective with GRC rates 1/1/06

Sch	Base Tariff Rates a	Sch 156 Tariff Rates b	Total Rates Without Amortization c	GRI Funding d	Demand Cost e	Commodity Cost f	Margin 11/1/06 g	UG-050483 1 - Revenue Related Exp h	Revenue Prior to Gross Up i = c * h	Less: WACOG per Sch 156 j	11/1/06 Margin Excl Rev Rel Exp k = i - j
101	\$0.89117	\$0.20991	\$1.10108	(\$0.00050)	(\$0.09824)	(\$0.79561)	\$0.20673	0.956533	\$1.05322	\$0.85500	\$0.19822
111											
First 200	\$0.91751	\$0.20977	\$1.12728	(\$0.00041)	(\$0.09546)	(\$0.79561)	\$0.23582	0.956533	\$1.07828	\$0.85233	\$0.22595
Next 800	\$0.85036	\$0.20977	\$1.06013	(\$0.00041)	(\$0.09546)	(\$0.79561)	\$0.16867	0.956533	\$1.01405	\$0.85233	\$0.16172
Over 1,000	\$0.78483	\$0.20977	\$0.99460	(\$0.00041)	(\$0.09546)	(\$0.79561)	\$0.10314	0.956533	\$0.95137	\$0.85233	\$0.09904
112											
First 200	\$0.91751	\$0.20977	\$1.12728	(\$0.00041)	(\$0.09546)	(\$0.79561)	\$0.23582	0.956533	\$1.07828	\$0.85233	\$0.22595
Next 800	\$0.85036	\$0.20977	\$1.06013	(\$0.00041)	(\$0.09546)	(\$0.79561)	\$0.16867	0.956533	\$1.01405	\$0.85233	\$0.16172
Over 1,000	\$0.78483	\$0.20977	\$0.99460	(\$0.00041)	(\$0.09546)	(\$0.79561)	\$0.10314	0.956533	\$0.95137	\$0.85233	\$0.09904
121											
First 500	\$0.88772	\$0.20958	\$1.09730	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.22218	0.956533	\$1.04960	\$0.83678	\$0.21282
Next 500	\$0.83722	\$0.20958	\$1.04680	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.17168	0.956533	\$1.00130	\$0.83678	\$0.16452
Next 9,000	\$0.77169	\$0.20958	\$0.98127	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.10615	0.956533	\$0.93862	\$0.83678	\$0.10184
Next 15,000	\$0.73016	\$0.20958	\$0.93974	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.06462	0.956533	\$0.89889	\$0.83678	\$0.06211
Over 25,000	\$0.71881	\$0.20958	\$0.92839	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.05327	0.956533	\$0.88804	\$0.83678	\$0.05126
122											
First 500	\$0.88772	\$0.20958	\$1.09730	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.22218	0.956533	\$1.04960	\$0.83678	\$0.21282
Next 500	\$0.83722	\$0.20958	\$1.04680	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.17168	0.956533	\$1.00130	\$0.83678	\$0.16452
Next 9,000	\$0.77169	\$0.20958	\$0.98127	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.10615	0.956533	\$0.93862	\$0.83678	\$0.10184
Next 15,000	\$0.73016	\$0.20958	\$0.93974	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.06462	0.956533	\$0.89889	\$0.83678	\$0.06211
Over 25,000	\$0.71881	\$0.20958	\$0.92839	(\$0.00032)	(\$0.07919)	(\$0.79561)	\$0.05327	0.956533	\$0.88804	\$0.83678	\$0.05126
131											
First 10,000	\$0.76056	\$0.20894	\$0.96950	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.11337	0.956533	\$0.92736	\$0.81865	\$0.10871
Next 15,000	\$0.71982	\$0.20894	\$0.92876	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.07263	0.956533	\$0.88839	\$0.81865	\$0.06974
Next 25,000	\$0.70982	\$0.20894	\$0.91876	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.06263	0.956533	\$0.87882	\$0.81865	\$0.06017
Over 50,000	\$0.70652	\$0.20894	\$0.91546	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.05933	0.956533	\$0.87567	\$0.81865	\$0.05702
132											
First 10,000	\$0.76056	\$0.20894	\$0.96950	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.11337	0.956533	\$0.92736	\$0.81865	\$0.10871
Next 15,000	\$0.71982	\$0.20894	\$0.92876	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.07263	0.956533	\$0.88839	\$0.81865	\$0.06974
Next 25,000	\$0.70982	\$0.20894	\$0.91876	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.06263	0.956533	\$0.87882	\$0.81865	\$0.06017
Over 50,000	\$0.70652	\$0.20894	\$0.91546	(\$0.00029)	(\$0.06025)	(\$0.79561)	\$0.05933	0.956533	\$0.87567	\$0.81865	\$0.05702
146											
First 20,000	\$0.06716	\$0.00000	\$0.06716		(\$0.00056)		\$0.06660	0.956533	\$0.06424	\$0.00054	\$0.06370
Next 30,000	\$0.05980	\$0.00000	\$0.05980		(\$0.00056)		\$0.05924	0.956533	\$0.05720	\$0.00054	\$0.05666
Next 250,000	\$0.05394	\$0.00000	\$0.05394		(\$0.00056)		\$0.05338	0.956533	\$0.05160	\$0.00054	\$0.05106
Next 200,000	\$0.04991	\$0.00000	\$0.04991		(\$0.00056)		\$0.04935	0.956533	\$0.04774	\$0.00054	\$0.04720
Over 500,000	\$0.03761	\$0.00000	\$0.03761		(\$0.00056)		\$0.03705	0.956533	\$0.03598	\$0.00054	\$0.03544

Avista Utilities
Margin Analysis
Washington

	Rate After Rate Case	Rate After PGA and re-allocation of demand	Increase In Margin c	d	e	Total Rates without Amortization f	UG-050483 1 - Revenue Related Exp h	Revenue Prior to Gross Up i = f * h	Updated for demand re-allocation 2/1/2006 Less: WACOG per Sch 156 j	1/1/2006 Margin Excl Rev Rel Exp k = i - j
	a	b	c	d	e	f	h	i = f * h	j	k = i - j
Schedule 101	\$1.12280	\$1.11509	\$0.00771			\$1.12280	0.956533	\$1.07400	\$0.87577	\$0.19823
Schedule 111										
First 200	\$1.14899	\$1.14234	\$0.00665			\$1.14899	0.956533	\$1.09905	\$0.87309	\$0.22596
Next 800	\$1.08184	\$1.07893	\$0.00291			\$1.08184	0.956533	\$1.03482	\$0.87309	\$0.16173
Over 1,000	\$1.01631	\$1.01340	\$0.00291			\$1.01631	0.956533	\$0.97213	\$0.87309	\$0.09904
Schedule 112										
First 200	\$1.14899	\$1.14234	\$0.00665			\$1.14899	0.956533	\$1.09905	\$0.87309	\$0.22596
Next 800	\$1.08184	\$1.07893	\$0.00291			\$1.08184	0.956533	\$1.03482	\$0.87309	\$0.16173
Over 1,000	\$1.01631	\$1.01340	\$0.00291			\$1.01631	0.956533	\$0.97213	\$0.87309	\$0.09904
Schedule 121										
First 500	\$1.11893	\$1.12542	(\$0.00649)			\$1.11893	0.956533	\$1.07029	\$0.85746	\$0.21283
Next 500	\$1.06843	\$1.07859	(\$0.01016)			\$1.06843	0.956533	\$1.02199	\$0.85746	\$0.16453
Next 9,000	\$1.00290	\$1.01306	(\$0.01016)			\$1.00290	0.956533	\$0.95931	\$0.85746	\$0.10185
Next 15,000	\$0.96137	\$0.97291	(\$0.01154)			\$0.96137	0.956533	\$0.91958	\$0.85746	\$0.06212
Over 25,000	\$0.95002	\$0.96311	(\$0.01309)			\$0.95002	0.956533	\$0.90873	\$0.85746	\$0.05127
Schedule 122										
First 500	\$1.11893	\$1.12542	(\$0.00649)			\$1.11893	0.956533	\$1.07029	\$0.85746	\$0.21283
Next 500	\$1.06843	\$1.07859	(\$0.01016)			\$1.06843	0.956533	\$1.02199	\$0.85746	\$0.16453
Next 9,000	\$1.00290	\$1.01306	(\$0.01016)			\$1.00290	0.956533	\$0.95931	\$0.85746	\$0.10185
Next 15,000	\$0.96137	\$0.97291	(\$0.01154)			\$0.96137	0.956533	\$0.91958	\$0.85746	\$0.06212
Over 25,000	\$0.95002	\$0.96311	(\$0.01309)			\$0.95002	0.956533	\$0.90873	\$0.85746	\$0.05127
Schedule 131										
First 10,000	\$0.99117	\$1.01493	(\$0.02376)			\$0.99117	0.956533	\$0.94809	\$0.83937	\$0.10872
Next 15,000	\$0.95043	\$0.97419	(\$0.02376)			\$0.95043	0.956533	\$0.90912	\$0.83937	\$0.06975
Next 25,000	\$0.94043	\$0.96419	(\$0.02376)			\$0.94043	0.956533	\$0.89955	\$0.83937	\$0.06018
Over 50,000	\$0.93713	\$0.96219	(\$0.02506)			\$0.93713	0.956533	\$0.89640	\$0.83937	\$0.05703
Schedule 132										
First 10,000	\$0.99117	\$1.01493	(\$0.02376)			\$0.99117	0.956533	\$0.94809	\$0.83937	\$0.10872
Next 15,000	\$0.95043	\$0.97419	(\$0.02376)			\$0.95043	0.956533	\$0.90912	\$0.83937	\$0.06975
Next 25,000	\$0.94043	\$0.96419	(\$0.02376)			\$0.94043	0.956533	\$0.89955	\$0.83937	\$0.06018
Over 50,000	\$0.93713	\$0.96219	(\$0.02506)			\$0.93713	0.956533	\$0.89640	\$0.83937	\$0.05703
Schedule 146										
First 20,000	\$0.06716	\$0.06634	\$0.00082			\$0.06716	0.956533	\$0.06424	\$0.00054	\$0.06370
Next 30,000	\$0.05980	\$0.05907	\$0.00073			\$0.05980	0.956533	\$0.05720	\$0.00054	\$0.05666
Next 250,000	\$0.05394	\$0.05328	\$0.00066			\$0.05394	0.956533	\$0.05160	\$0.00054	\$0.05106
Next 200,000	\$0.04991	\$0.04930	\$0.00061			\$0.04991	0.956533	\$0.04774	\$0.00054	\$0.04720
Over 500,000	\$0.03761	\$0.03715	\$0.00046			\$0.03761	0.956533	\$0.03598	\$0.00054	\$0.03544

Avista Utilities
Margin Analysis
Washington

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	Base Tariff Rates a	Sch 156/150 Tariff Rates b	Total Rates Without Amortization	GRI Funding d	Demand Cost e	Commodity Cost f	Margin 11/1/05 g	Corrected Total Rates w/o Amort c	UG-041515 1 - Revenue Related Exp h	Revenue Prior to Gross Up i = c * h	Less: WACOG per Sch 156 j	11/1/05 Margin Excl Rev Rel Exp k = i - j
Schedule 101	\$0.76904	\$0.34815	\$1.11719	(\$0.00051)	(\$0.09851)	(\$0.82428)	\$0.19389	\$1.11509	0.957031	\$1.06718	\$0.87471	\$0.19247
		\$0.34605	\$0.00210									
Schedule 111												
First 200	\$0.79649	\$0.34795	\$1.14444	(\$0.00041)	(\$0.09676)	(\$0.82428)	\$0.22299	\$1.14234	0.957031	\$1.09325	\$0.87324	\$0.22001
Next 800	\$0.73308	\$0.34795	\$1.08103	(\$0.00041)	(\$0.09676)	(\$0.82428)	\$0.15958	\$1.07893	0.957031	\$1.03257	\$0.87324	\$0.15933
Over 1,000	\$0.66755	\$0.34795	\$1.01550	(\$0.00041)	(\$0.09676)	(\$0.82428)	\$0.09405	\$1.01340	0.957031	\$0.96986	\$0.87324	\$0.09662
		\$0.34585	\$0.00210									
Schedule 112												
First 200	\$0.79649	\$0.34795	\$1.14444	(\$0.00041)	(\$0.09676)	(\$0.82428)	\$0.22299	\$1.14234	0.957031	\$1.09325	\$0.87324	\$0.22001
Next 800	\$0.73308	\$0.34795	\$1.08103	(\$0.00041)	(\$0.09676)	(\$0.82428)	\$0.15958	\$1.07893	0.957031	\$1.03257	\$0.87324	\$0.15933
Over 1,000	\$0.66755	\$0.34795	\$1.01550	(\$0.00041)	(\$0.09676)	(\$0.82428)	\$0.09405	\$1.01340	0.957031	\$0.96986	\$0.87324	\$0.09662
Schedule 121												
First 500	\$0.77991	\$0.34760	\$1.12751	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.20938	\$1.12542	0.957031	\$1.07706	\$0.86998	\$0.20708
Next 500	\$0.73308	\$0.34760	\$1.08068	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.16255	\$1.07859	0.957031	\$1.03224	\$0.86998	\$0.16226
Next 9,000	\$0.66755	\$0.34760	\$1.01515	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.09702	\$1.01306	0.957031	\$0.96953	\$0.86998	\$0.09955
Next 15,000	\$0.62740	\$0.34760	\$0.97500	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.05687	\$0.97291	0.957031	\$0.93111	\$0.86998	\$0.06113
Over 25,000	\$0.61760	\$0.34760	\$0.96520	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.04707	\$0.96311	0.957031	\$0.92173	\$0.86998	\$0.05175
		\$0.34551	\$0.00209									
Schedule 122												
First 500	\$0.77991	\$0.34760	\$1.12751	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.20938	\$1.12542	0.957031	\$1.07706	\$0.86998	\$0.20708
Next 500	\$0.73308	\$0.34760	\$1.08068	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.16255	\$1.07859	0.957031	\$1.03224	\$0.86998	\$0.16226
Next 9,000	\$0.66755	\$0.34760	\$1.01515	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.09702	\$1.01306	0.957031	\$0.96953	\$0.86998	\$0.09955
Next 15,000	\$0.62740	\$0.34760	\$0.97500	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.05687	\$0.97291	0.957031	\$0.93111	\$0.86998	\$0.06113
Over 25,000	\$0.61760	\$0.34760	\$0.96520	(\$0.00033)	(\$0.09352)	(\$0.82428)	\$0.04707	\$0.96311	0.957031	\$0.92173	\$0.86998	\$0.05175
Schedule 131												
First 10,000	\$0.66962	\$0.34739	\$1.01701	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.10590	\$1.01493	0.957031	\$0.97132	\$0.86334	\$0.10798
Next 15,000	\$0.62888	\$0.34739	\$0.97627	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.06516	\$0.97419	0.957031	\$0.93233	\$0.86334	\$0.06899
Next 25,000	\$0.61888	\$0.34739	\$0.96627	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.05516	\$0.96419	0.957031	\$0.92276	\$0.86334	\$0.05942
Over 50,000	\$0.61688	\$0.34739	\$0.96427	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.05316	\$0.96219	0.957031	\$0.92085	\$0.86334	\$0.05751
		\$0.34531	\$0.00208									
Schedule 132												
First 10,000	\$0.66962	\$0.34739	\$1.01701	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.10590	\$1.01493	0.957031	\$0.97132	\$0.86334	\$0.10798
Next 15,000	\$0.62888	\$0.34739	\$0.97627	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.06516	\$0.97419	0.957031	\$0.93233	\$0.86334	\$0.06899
Next 25,000	\$0.61888	\$0.34739	\$0.96627	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.05516	\$0.96419	0.957031	\$0.92276	\$0.86334	\$0.05942
Over 50,000	\$0.61688	\$0.34739	\$0.96427	(\$0.00030)	(\$0.08653)	(\$0.82428)	\$0.05316	\$0.96219	0.957031	\$0.92085	\$0.86334	\$0.05751
Schedule 146												
First 20,000	\$0.06793	(\$0.00159)	\$0.06634		(\$0.00057)		\$0.06577	\$0.06634	0.957031	\$0.06349	\$0.00054	\$0.06295
Next 30,000	\$0.06066	(\$0.00159)	\$0.05907		(\$0.00057)		\$0.05850	\$0.05907	0.957031	\$0.05653	\$0.00054	\$0.05599
Next 250,000	\$0.05487	(\$0.00159)	\$0.05328		(\$0.00057)		\$0.05271	\$0.05328	0.957031	\$0.05099	\$0.00054	\$0.05045
Next 200,000	\$0.05089	(\$0.00159)	\$0.04930		(\$0.00057)		\$0.04873	\$0.04930	0.957031	\$0.04718	\$0.00054	\$0.04664
Over 500,000	\$0.03874	(\$0.00159)	\$0.03715		(\$0.00057)		\$0.03658	\$0.03715	0.957031	\$0.03555	\$0.00054	\$0.03501

Avista Utilities
Margin Analysis
Washington

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	Rate After PGA/Rate Case	Rate After PGA	Increase In Margin	Present Margin	New Margin 11/2/04	Total Rates without Amortization	UG-041515 1 - Revenue Related Exp	Revenue Prior to Gross Up i = f * h	Less: WACOG per PGA wp j	11/2/04 Margin Excl Rev Rel Exp k = i - j
	a	b	c	d	e	f	h	i	j	k
Schedule 101	\$0.92959	\$0.90115	\$0.02844	\$0.16544	\$0.19388	\$0.88346	0.957031	\$0.84550	\$0.65315	\$0.19235
Schedule 111										
First 200	\$0.95536	\$0.92441	\$0.03095	\$0.19202	\$0.22297	\$0.91086	0.957031	\$0.87172	\$0.65163	\$0.22009
Next 800	\$0.89195	\$0.87441	\$0.01754	\$0.14202	\$0.15956	\$0.84745	0.957031	\$0.81104	\$0.65163	\$0.15941
Over 1,000	\$0.82642	\$0.80888	\$0.01754	\$0.07649	\$0.09403	\$0.78192	0.957031	\$0.74832	\$0.65163	\$0.09669
Schedule 112										
First 200	\$0.93170	\$0.90075	\$0.03095	\$0.19202	\$0.22297	\$0.91086	0.957031	\$0.87172	\$0.65163	\$0.22009
Next 800	\$0.86829	\$0.85075	\$0.01754	\$0.14202	\$0.15956	\$0.84745	0.957031	\$0.81104	\$0.65163	\$0.15941
Over 1,000	\$0.80276	\$0.78522	\$0.01754	\$0.07649	\$0.09403	\$0.78192	0.957031	\$0.74832	\$0.65163	\$0.09669
Schedule 121										
First 500	\$0.93670	\$0.90724	\$0.02946	\$0.17991	\$0.20937	\$0.89421	0.957031	\$0.85579	\$0.64883	\$0.20696
Next 500	\$0.88987	\$0.87222	\$0.01765	\$0.14489	\$0.16254	\$0.84738	0.957031	\$0.81097	\$0.64883	\$0.16214
Next 9,000	\$0.82434	\$0.80669	\$0.01765	\$0.07936	\$0.09701	\$0.78185	0.957031	\$0.74825	\$0.64883	\$0.09942
Next 15,000	\$0.78419	\$0.77622	\$0.00797	\$0.04889	\$0.05686	\$0.74170	0.957031	\$0.70983	\$0.64883	\$0.06100
Over 25,000	\$0.77439	\$0.76642	\$0.00797	\$0.03909	\$0.04706	\$0.73190	0.957031	\$0.70045	\$0.64883	\$0.05162
Schedule 122										
First 500	\$0.91374	\$0.88428	\$0.02946	\$0.17991	\$0.20937	\$0.89421	0.957031	\$0.85579	\$0.64883	\$0.20696
Next 500	\$0.86691	\$0.84926	\$0.01765	\$0.14489	\$0.16254	\$0.84738	0.957031	\$0.81097	\$0.64883	\$0.16214
Next 9,000	\$0.80138	\$0.78373	\$0.01765	\$0.07936	\$0.09701	\$0.78185	0.957031	\$0.74825	\$0.64883	\$0.09942
Next 15,000	\$0.76123	\$0.75326	\$0.00797	\$0.04889	\$0.05686	\$0.74170	0.957031	\$0.70983	\$0.64883	\$0.06100
Over 25,000	\$0.75143	\$0.74346	\$0.00797	\$0.03909	\$0.04706	\$0.73190	0.957031	\$0.70045	\$0.64883	\$0.05162
Schedule 131										
First 10,000	\$0.82714	\$0.81535	\$0.01179	\$0.09410	\$0.10589	\$0.78432	0.957031	\$0.75062	\$0.64277	\$0.10785
Next 15,000	\$0.78640	\$0.77461	\$0.01179	\$0.05336	\$0.06515	\$0.74358	0.957031	\$0.71163	\$0.64277	\$0.06886
Next 25,000	\$0.77640	\$0.76461	\$0.01179	\$0.04336	\$0.05515	\$0.73358	0.957031	\$0.70206	\$0.64277	\$0.05929
Over 50,000	\$0.77440	\$0.76261	\$0.01179	\$0.04136	\$0.05315	\$0.73158	0.957031	\$0.70014	\$0.64277	\$0.05737
Schedule 132										
First 10,000	\$0.80329	\$0.79150	\$0.01179	\$0.09410	\$0.10589	\$0.78432	0.957031	\$0.75062	\$0.64277	\$0.10785
Next 15,000	\$0.76255	\$0.75076	\$0.01179	\$0.05336	\$0.06515	\$0.74358	0.957031	\$0.71163	\$0.64277	\$0.06886
Next 25,000	\$0.75255	\$0.74076	\$0.01179	\$0.04336	\$0.05515	\$0.73358	0.957031	\$0.70206	\$0.64277	\$0.05929
Over 50,000	\$0.75055	\$0.73876	\$0.01179	\$0.04136	\$0.05315	\$0.73158	0.957031	\$0.70014	\$0.64277	\$0.05737
Schedule 146										
First 20,000	\$0.06783	\$0.05970	\$0.00813	\$0.05764	\$0.06577	\$0.06634	0.957031	\$0.06349	\$0.00054	\$0.06295
Next 30,000	\$0.06056	\$0.05330	\$0.00726	\$0.05124	\$0.05850	\$0.05907	0.957031	\$0.05653	\$0.00054	\$0.05599
Next 250,000	\$0.05477	\$0.04821	\$0.00656	\$0.04615	\$0.05271	\$0.05328	0.957031	\$0.05099	\$0.00054	\$0.05045
Next 200,000	\$0.05079	\$0.04471	\$0.00608	\$0.04265	\$0.04873	\$0.04930	0.957031	\$0.04718	\$0.00054	\$0.04664
Over 500,000	\$0.03864	\$0.03401	\$0.00463	\$0.03195	\$0.03658	\$0.03715	0.957031	\$0.03555	\$0.00054	\$0.03501

Avista Utilities
Margin Analysis
Washington

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	Base Tariff Rates a	Sch 156/150 Tariff Rates b	Total Rates Without Amortization c	GRI Funding d	Demand Cost e	Commodity Cost f	Margin 11/2/04 Before GRC g	Before GRC Increase			11/2/04 Margin Excl Rev Rel Exp k = i - j
								Tracker CF	Revenue	Less:	
								1 - Revenue Related Exp h	Prior to Gross Up i = c * h	WACOG per PGA wp j	
Schedule 101	\$0.59311	\$0.26191	\$0.85502	(\$0.00051)	(\$0.08998)	(\$0.59909)	\$0.16544	0.947894	\$0.81047	\$0.65315	\$0.15732
Schedule 111											
First 200	\$0.61810	\$0.26181	\$0.87991	(\$0.00041)	(\$0.08839)	(\$0.59909)	\$0.19202	0.947894	\$0.83406	\$0.65163	\$0.18243
Next 800	\$0.56810	\$0.26181	\$0.82991	(\$0.00041)	(\$0.08839)	(\$0.59909)	\$0.14202	0.947894	\$0.78667	\$0.65163	\$0.13504
Over 1,000	\$0.50257	\$0.26181	\$0.76438	(\$0.00041)	(\$0.08839)	(\$0.59909)	\$0.07649	0.947894	\$0.72455	\$0.65163	\$0.07292
Schedule 112											
First 200	\$0.61810	\$0.26181	\$0.87991	(\$0.00041)	(\$0.08839)	(\$0.59909)	\$0.19202	0.947894	\$0.83406	\$0.65163	\$0.18243
Next 800	\$0.56810	\$0.26181	\$0.82991	(\$0.00041)	(\$0.08839)	(\$0.59909)	\$0.14202	0.947894	\$0.78667	\$0.65163	\$0.13504
Over 1,000	\$0.50257	\$0.26181	\$0.76438	(\$0.00041)	(\$0.08839)	(\$0.59909)	\$0.07649	0.947894	\$0.72455	\$0.65163	\$0.07292
Schedule 121											
First 500	\$0.60312	\$0.26163	\$0.86475	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.17991	0.947894	\$0.81969	\$0.64883	\$0.17086
Next 500	\$0.56810	\$0.26163	\$0.82973	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.14489	0.947894	\$0.78650	\$0.64883	\$0.13767
Next 9,000	\$0.50257	\$0.26163	\$0.76420	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.07936	0.947894	\$0.72438	\$0.64883	\$0.07555
Next 15,000	\$0.47210	\$0.26163	\$0.73373	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.04889	0.947894	\$0.69550	\$0.64883	\$0.04667
Over 25,000	\$0.46230	\$0.26163	\$0.72393	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.03909	0.947894	\$0.68621	\$0.64883	\$0.03738
Schedule 122											
First 500	\$0.60312	\$0.26163	\$0.86475	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.17991	0.947894	\$0.81969	\$0.64883	\$0.17086
Next 500	\$0.56810	\$0.26163	\$0.82973	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.14489	0.947894	\$0.78650	\$0.64883	\$0.13767
Next 9,000	\$0.50257	\$0.26163	\$0.76420	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.07936	0.947894	\$0.72438	\$0.64883	\$0.07555
Next 15,000	\$0.47210	\$0.26163	\$0.73373	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.04889	0.947894	\$0.69550	\$0.64883	\$0.04667
Over 25,000	\$0.46230	\$0.26163	\$0.72393	(\$0.00033)	(\$0.08542)	(\$0.59909)	\$0.03909	0.947894	\$0.68621	\$0.64883	\$0.03738
Schedule 131											
First 10,000	\$0.51074	\$0.26179	\$0.77253	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.09410	0.947894	\$0.73228	\$0.64277	\$0.08951
Next 15,000	\$0.47000	\$0.26179	\$0.73179	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.05336	0.947894	\$0.69366	\$0.64277	\$0.05089
Next 25,000	\$0.46000	\$0.26179	\$0.72179	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.04336	0.947894	\$0.68418	\$0.64277	\$0.04141
Over 50,000	\$0.45800	\$0.26179	\$0.71979	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.04136	0.947894	\$0.68228	\$0.64277	\$0.03951
Schedule 132											
First 10,000	\$0.51074	\$0.26179	\$0.77253	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.09410	0.947894	\$0.73228	\$0.64277	\$0.08951
Next 15,000	\$0.47000	\$0.26179	\$0.73179	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.05336	0.947894	\$0.69366	\$0.64277	\$0.05089
Next 25,000	\$0.46000	\$0.26179	\$0.72179	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.04336	0.947894	\$0.68418	\$0.64277	\$0.04141
Over 50,000	\$0.45800	\$0.26179	\$0.71979	(\$0.00030)	(\$0.07904)	(\$0.59909)	\$0.04136	0.947894	\$0.68228	\$0.64277	\$0.03951
Schedule 146											
First 20,000	\$0.05969	(\$0.00148)	\$0.05821		(\$0.00057)		\$0.05764	0.947894	\$0.05518	\$0.00054	\$0.05464
Next 30,000	\$0.05329	(\$0.00148)	\$0.05181		(\$0.00057)		\$0.05124	0.947894	\$0.04911	\$0.00054	\$0.04857
Next 250,000	\$0.04820	(\$0.00148)	\$0.04672		(\$0.00057)		\$0.04615	0.947894	\$0.04429	\$0.00054	\$0.04375
Next 200,000	\$0.04470	(\$0.00148)	\$0.04322		(\$0.00057)		\$0.04265	0.947894	\$0.04097	\$0.00054	\$0.04043
Over 500,000	\$0.03400	(\$0.00148)	\$0.03252		(\$0.00057)		\$0.03195	0.947894	\$0.03083	\$0.00054	\$0.03029

Avista Utilities
Margin Analysis
Washington

C:\Documents and Settings\locks\Local Settings\Temporary Internet Files\OLK84\Historical Margin - Feb 2009.xls]9-11-03

	Base Tariff Rates a	Sch 156 Tariff Rates b	Total Rates Without Amortization c	GRI Funding d	Demand Cost e	Commodity Cost f	9/11/03 Margin g	Tracker CF 1 - Revenue Related Exp h	Revenue Prior to Gross Up i = c * h	Less: WACOG per Sch 156 j	9/11/03 Margin Excl Rev Rel Exp k = i - j
Schedule 101	\$0.59311	\$0.14749	\$0.74060	(\$0.00051)	(\$0.08622)	(\$0.48844)	\$0.16543	0.947894	\$0.70201	\$0.54470	\$0.15731
Schedule 111											
First 200	\$0.61810	\$0.14744	\$0.76554	(\$0.00041)	(\$0.08466)	(\$0.48844)	\$0.19203	0.947894	\$0.72565	\$0.54322	\$0.18243
Next 800	\$0.56810	\$0.14744	\$0.71554	(\$0.00041)	(\$0.08466)	(\$0.48844)	\$0.14203	0.947894	\$0.67826	\$0.54322	\$0.13504
Over 1,000	\$0.50257	\$0.14744	\$0.65001	(\$0.00041)	(\$0.08466)	(\$0.48844)	\$0.07650	0.947894	\$0.61614	\$0.54322	\$0.07292
Schedule 112											
First 200	\$0.61810	\$0.14744	\$0.76554	(\$0.00041)	(\$0.08466)	(\$0.48844)	\$0.19203	0.947894	\$0.72565	\$0.54322	\$0.18243
Next 800	\$0.56810	\$0.14744	\$0.71554	(\$0.00041)	(\$0.08466)	(\$0.48844)	\$0.14203	0.947894	\$0.67826	\$0.54322	\$0.13504
Over 1,000	\$0.50257	\$0.14744	\$0.65001	(\$0.00041)	(\$0.08466)	(\$0.48844)	\$0.07650	0.947894	\$0.61614	\$0.54322	\$0.07292
Schedule 121											
First 500	\$0.60312	\$0.14733	\$0.75045	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.17991	0.947894	\$0.71135	\$0.54049	\$0.17086
Next 500	\$0.56810	\$0.14733	\$0.71543	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.14489	0.947894	\$0.67815	\$0.54049	\$0.13766
Next 9,000	\$0.50257	\$0.14733	\$0.64990	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.07936	0.947894	\$0.61604	\$0.54049	\$0.07555
Next 15,000	\$0.47210	\$0.14733	\$0.61943	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.04889	0.947894	\$0.58715	\$0.54049	\$0.04666
Over 25,000	\$0.46230	\$0.14733	\$0.60963	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.03909	0.947894	\$0.57786	\$0.54049	\$0.03737
Schedule 122											
First 500	\$0.60312	\$0.14733	\$0.75045	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.17991	0.947894	\$0.71135	\$0.54049	\$0.17086
Next 500	\$0.56810	\$0.14733	\$0.71543	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.14489	0.947894	\$0.67815	\$0.54049	\$0.13766
Next 9,000	\$0.50257	\$0.14733	\$0.64990	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.07936	0.947894	\$0.61604	\$0.54049	\$0.07555
Next 15,000	\$0.47210	\$0.14733	\$0.61943	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.04889	0.947894	\$0.58715	\$0.54049	\$0.04666
Over 25,000	\$0.46230	\$0.14733	\$0.60963	(\$0.00033)	(\$0.08177)	(\$0.48844)	\$0.03909	0.947894	\$0.57786	\$0.54049	\$0.03737
Schedule 131											
First 10,000	\$0.51074	\$0.14709	\$0.65783	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.09410	0.947894	\$0.62355	\$0.53405	\$0.08950
Next 15,000	\$0.47000	\$0.14709	\$0.61709	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.05336	0.947894	\$0.58494	\$0.53405	\$0.05089
Next 25,000	\$0.46000	\$0.14709	\$0.60709	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.04336	0.947894	\$0.57546	\$0.53405	\$0.04141
Over 50,000	\$0.45800	\$0.14709	\$0.60509	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.04136	0.947894	\$0.57356	\$0.53405	\$0.03951
Schedule 132											
First 10,000	\$0.51074	\$0.14709	\$0.65783	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.09410	0.947894	\$0.62355	\$0.53405	\$0.08950
Next 15,000	\$0.47000	\$0.14709	\$0.61709	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.05336	0.947894	\$0.58494	\$0.53405	\$0.05089
Next 25,000	\$0.46000	\$0.14709	\$0.60709	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.04336	0.947894	\$0.57546	\$0.53405	\$0.04141
Over 50,000	\$0.45800	\$0.14709	\$0.60509	(\$0.00030)	(\$0.07499)	(\$0.48844)	\$0.04136	0.947894	\$0.57356	\$0.53405	\$0.03951
Schedule 146											
First 20,000	\$0.05969	\$0.00011	\$0.05980	(\$0.00006)	(\$0.00210)		\$0.05764	0.947894	\$0.05668	\$0.00199	\$0.05469
Next 30,000	\$0.05329	\$0.00011	\$0.05340	(\$0.00006)	(\$0.00210)		\$0.05124	0.947894	\$0.05062	\$0.00199	\$0.04863
Next 250,000	\$0.04820	\$0.00011	\$0.04831	(\$0.00006)	(\$0.00210)		\$0.04615	0.947894	\$0.04579	\$0.00199	\$0.04380
Next 200,000	\$0.04470	\$0.00011	\$0.04481	(\$0.00006)	(\$0.00210)		\$0.04265	0.947894	\$0.04248	\$0.00199	\$0.04049
Over 500,000	\$0.03400	\$0.00011	\$0.03411	(\$0.00006)	(\$0.00210)		\$0.03195	0.947894	\$0.03233	\$0.00199	\$0.03034

Exhibit C-3 Customer Usage Profile

Usage from Revenue Runs												
	200401	200402	200403	200404	200405	200406	200407	200408	200409	200410	200411	200412
Total for 101	22,410,561	17,879,449	14,445,062	8,516,833	5,529,377	4,030,609	2,503,345	2,146,936	2,446,019	4,010,761	9,850,486	15,974,201
Total for 111/112	8,442,385	7,036,517	5,890,168	3,882,650	2,731,623	2,035,797	1,380,975	1,201,591	1,623,810	1,921,476	4,076,154	6,130,603
Total for 121/122	881,269	910,404	834,138	690,041	662,373	578,987	634,350	623,027	544,232	666,681	832,704	884,457

	200501	200502	200503	200504	200505	200506	200507	200508	200509	200510	200511	200512
Total for 101	19,804,638	18,176,631	13,823,800	10,770,415	5,814,833	3,703,157	2,680,372	2,034,376	2,364,648	4,735,670	8,890,440	20,055,399
Total for 111/112	7,247,931	7,481,248	5,528,312	4,393,003	2,904,168	1,987,643	1,520,919	1,176,323	1,383,429	2,369,056	4,096,528	7,813,291
Total for 121/122	897,254	367,517	771,400	708,714	627,071	601,801	570,944	617,530	475,563	577,245	568,450	383,427

	200601	200602	200603	200604	200605	200606	200607	200608	200609	200610	200611	200612
Total for 101	18,562,669	16,709,536	16,924,558	11,304,373	6,552,477	3,538,290	2,378,214	1,985,594	2,479,717	4,292,105	9,891,005	18,364,798
Total for 111/112	7,173,391	6,529,398	6,548,879	4,639,578	2,884,728	1,535,240	1,415,998	1,184,571	1,526,823	2,296,771	4,230,174	7,030,356
Total for 121/122	779,631	857,699	818,574	717,092	607,588	550,538	489,830	503,240	536,470	601,462	667,269	761,179

	200701	200702	200703	200704	200705	200706	200707	200708	200709	200710	200711	200712
Total for 101	21,292,599	21,234,566	14,472,322	9,724,124	6,113,562	3,664,833	2,462,636	2,010,203	2,332,936	4,484,817	9,398,517	18,392,852
Total for 111/112	7,929,745	7,910,206	5,921,062	4,326,012	2,986,351	1,997,606	1,375,634	1,148,652	1,387,387	2,283,758	4,078,897	6,988,474
Total for 121/122	820,997	895,966	667,986	567,154	509,509	467,850	421,262	370,731	442,401	450,723	586,205	731,799

	200801	200802	200803	200804	200805	200806	200807	200808	200809	200810	200811	200812
Total for 101	20,755,627	22,514,347	14,859,076	13,629,159	8,714,627	4,232,714	2,763,613	2,223,233	2,487,966			
Total for 111/112	7,912,407	8,511,695	5,875,074	5,881,556	3,784,022	2,145,901	1,491,595	1,282,440	1,489,965			
Total for 121/122	779,054	820,276	705,116	228,111	521,510	456,706	446,950	343,089	383,969			

Average Monthly Usage	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Total for 101	20,565,219	19,302,906	14,904,964	10,788,981	6,544,975	3,833,921	2,557,636	2,080,068	2,422,257	4,380,838	9,507,612	18,196,813	115,086,189
Total for 111/112	7,741,172	7,493,813	5,952,699	4,624,560	3,058,178	1,940,437	1,437,024	1,198,715	1,482,283	2,217,765	4,120,438	6,990,681	48,257,766
Total for 121/122	831,641	770,372	759,443	582,222	585,610	531,176	512,667	491,523	476,527	574,028	663,657	690,216	7,469,083

Usage Profile	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total for 101	17.87%	16.77%	12.95%	9.37%	5.69%	3.33%	2.22%	1.81%	2.10%	3.81%	8.26%	15.81%
Total for 111/112	16.04%	15.53%	12.34%	9.58%	6.34%	4.02%	2.98%	2.48%	3.07%	4.60%	8.54%	14.49%
Total for 121/122	11.13%	10.31%	10.17%	7.80%	7.84%	7.11%	6.86%	6.58%	6.38%	7.69%	8.89%	9.24%

Exhibit C-4 DSM Participant Usage Sampling

Sampling Methodology

“Please provide participant Tiered Usage for Schedules 111 and 121 using sample data; and, provide the sampling methodology in brief. Titus would like to ensure that data is sampled by total usage strata using statistically valid method”

We have decided that "participant" means those Schedule 111, 112, 121 or 122 Washington customers who completed a DSM project between 1/1/2006 and the present. Given that, we obtained a SalesLogix dump of customers with project completions during that time and sifted them into a population of 823 customers satisfying the above conditions.

- There was no guidance regarding the stratification that was being sought. The two stratifications that we thought would be useful would be by usage or by measure implemented. Stratifying by usage would require us to manually look up the consumptions of all 823 of these customers. Given the amount of time that approach would take, we decided to stratify by type of measure (e.g. shell, HVAC etc) implemented.
- There were 13 measure types implemented by these 823 customers.
 - Jon Powell established sampling protocols (how many customers would be sampled for different population sizes) that, when applied to the population, resulted in 78 customers being selected
 - He then sorted the population by measure type
 - He then inserted a random number column (Excel formula $Rand()*100$) into a column, calculated and then did a copy-paste-value so that these random numbers would be locked into place
 - He then selected the sample for each measure type based upon the number of samples called for in my previously identified sampling protocol and then selecting the individual customers having the lowest random number value for each measure
- Jon then performed some basic calculations of average therm savings for those who implemented each measure and those who were sampled within each measure. We think we have a fairly representative population.

The next step was:

- Look up the monthly billing history and billing days for each one of the 78 customers sampled. **See the folder “Customer Data”**. For those customers who have less than twelve full months of billing data (accounts 1907320, 570096057, and 2504177), a backup sample was provided (which would be the very next one on the list for that measure when sorted by ascending random number - Accounts 50099741, 170040507, and 724581)

Exhibit C-4 DSM Participant Usage Sampling

Schedule 111/112 DSM Participant Sample Usage Summary

Project	Last Tier Billed			% <200	% next 800	% >1000
	<200	<1000	>1000			
Oct	1	19	53	1.37%	26.03%	72.60%
Nov	1	11	61	1.37%	15.07%	83.56%
Dec	2	11	60	2.74%	15.07%	82.19%
Jan	2	10	61	2.74%	13.70%	83.56%
Feb	1	23	49	1.37%	31.51%	67.12%
Mar	1	21	51	1.37%	28.77%	69.86%
Apr	1	31	41	1.37%	42.47%	56.16%
May	16	33	24	21.92%	45.21%	32.88%
Jun	25	29	19	34.25%	39.73%	26.03%
Jul	31	22	20	42.47%	30.14%	27.40%
Aug	22	30	21	30.14%	41.10%	28.77%
Sep	8	36	29	10.96%	49.32%	39.73%
	111	276	489			

Exhibit C-4 DSM Participant Usage Sampling

Schedule 1

Project	512747	516093	604009	637220	724581	910517	918280	923398	1014036	1200812
Oct	1,533	3,651	9,049	3,646	3,987	3,258	1,755	1,010	793	1,615
Nov	1,678	4,879	9,568	3,460	3,080	5,092	3,310	1,333	1,017	3,367
Dec	1,881	5,832	12,581	3,831	2,529	5,698	4,177	1,864	1,326	3,314
Jan	1,728	4,016	9,741	2,900	2,386	3,321	3,804	1,573	1,129	4,726
Feb	1,489	3,791	8,409	3,128	3,344	2,477	2,594	1,196	756	2,498
Mar	1,418	2,038	5,646	2,777	5,107	1,643	2,066	1,179	847	2,576
Apr	1,453	1,036	2,458	2,845	7,181	539	1,281	895	598	1,656
May	1,165	185	882	1,838	6,502	386	578	685	449	712
Jun	1,174	73	211	245	10,939	49	510	389	378	323
Jul	1,282	81	190	588	10,203	57	449	373	308	61
Aug	1,277	470	658	2,806	9,408	140	463	495	387	237
Sep	1,322	1,616	3,765	3,274	5,634	1,328	696	524	407	437

Exhibit C-4 DSM Participant Usage Sampling

Schedule 1

Project	1206074	1207820	1217677	1218067	1218166	1313285	1321268	1605259	1606988
Oct	2,214	1,353	497	459	1,936	122	1,290	1,392	2,495
Nov	3,333	2,377	2,458	1,648	2,264	1,317	1,414	2,337	3,874
Dec	3,333	2,347	1,988	307	2,872	1,491	1,767	2,504	3,923
Jan	3,650	3,624	2,630	2,133	3,407	1,974	1,446	2,398	3,654
Feb	2,711	2,115	2,266	2,676	2,048	1,289	1,182	1,715	2,413
Mar	2,928	1,776	2,511	1,415	2,536	1,114	1,341	1,755	2,487
Apr	1,950	1,451	1,608	1,246	1,855	337	1,084	1,158	1,885
May	1,052	702	998	368	722	17	876	629	1,707
Jun	327	318	325	48	306	438	811	237	1,441
Jul	94	49	21	29	186	478	924	267	1,509
Aug	148	71	24	21	218	206	966	348	1,632
Sep	396	383	22	63	470	48	955	623	1,811

Exhibit C-4 DSM Participant Usage Sampling

Schedule 1

Project	1617792	1702358	1716885	1803949	1829163	2000143	2006701	2007121	2009430
Oct	9,852	498	377	214	725	1,110	2,078	4,297	1,690
Nov	11,530	1,180	932	1,171	725	2,442	4,255	5,698	2,902
Dec	3,722	1,108	1,192	926	668	2,381	4,230	5,496	2,540
Jan	5,476	1,599	1,107	1,088	339	2,606	4,020	5,172	2,510
Feb	6,136	786	700	572	561	1,478	2,607	4,034	995
Mar	7,206	703	628	637	537	1,376	2,440	4,451	1,278
Apr	4,127	348	342	409	261	786	1,440	3,502	437
May	226	137	145	158	219	312	911	3,119	33
Jun	26	35	123	25	144	55	431	2,484	1
Jul	2	9	128	-	177	41	483	2,790	1
Aug	420	25	119	3	320	144	795	3,022	17
Sep	3,234	207	158	-	340	454	1,234	3,408	351

Exhibit C-4 DSM Participant Usage Sampling

Schedule 1

Project	2013253	2102034	2108261	2202029	2202043	2307654	2500049	2500449	10028849
Oct	2,960	1,265	433	3,238	890	615	2,978	1,489	2,396
Nov	5,617	2,526	749	5,424	1,219	165	542	1,637	2,369
Dec	5,442	2,776	644	6,320	1,433	103	-	1,604	2,426
Jan	5,476	2,315	571	5,576	1,216	110	1	1,155	2,910
Feb	3,872	1,728	396	4,006	936	389	-	862	2,176
Mar	3,254	1,564	333	3,066	919	694	2,020	760	2,178
Apr	2,098	812	327	584	806	1,668	2,806	295	1,741
May	1,028	293	264	77	698	1,775	2,597	187	1,675
Jun	111	41	265	8	742	2,036	2,628	9	1,883
Jul	117	-	295	1	773	2,570	3,251	1	2,395
Aug	139	-	286	6	763	2,161	2,801	2	1,992
Sep	1,110	775	307	919	825	1,583	3,409	91	1,606

Exhibit C-4 DSM Participant Usage Sampling

Schedule 1

Project	10048804	10049256	10085198	50034530	50049960	50071076	50099741	50104218
Oct	1,119	3,403	398	3,096	1,835	3,744	825	735
Nov	1,690	6,050	519	5,776	2,392	6,672	751	899
Dec	1,342	6,648	630	5,895	2,221	7,021	743	887
Jan	1,479	4,819	521	5,615	1,107	5,879	655	1,048
Feb	1,146	2,523	493	3,747	1,081	4,253	857	707
Mar	1,205	2,345	494	4,504	633	4,316	1,002	762
Apr	1,189	531	458	3,299	251	3,076	1,415	586
May	1,039	211	405	1,871	189	1,349	1,305	491
Jun	911	22	337	1,333	75	1,267	1,892	394
Jul	1,012	38	388	1,401	108	1,798	2,083	425
Aug	1,070	109	372	1,603	238	2,512	2,099	429
Sep	1,049	592	450	2,738	515	2,602	1,274	519

Exhibit C-4 DSM Participant Usage Sampling

Schedule 1

Project	90049958	90049958a	90049958b	90062609	130019323	130091284	170040507
Oct	1,417	1,417	1,417	13,230	682	1,771	1,441
Nov	1,405	1,405	1,405	22,298	556	2,894	1,493
Dec	1,487	1,487	1,487	24,135	726	3,459	1,805
Jan	1,369	1,369	1,369	21,899	749	3,184	1,486
Feb	1,287	1,287	1,287	16,959	649	3,723	1,584
Mar	1,193	1,193	1,193	15,645	552	3,740	1,913
Apr	1,197	1,197	1,197	10,875	504	2,528	1,851
May	1,103	1,103	1,103	6,354	416	2,271	1,850
Jun	1,062	1,062	1,062	2,056	358	1,883	2,144
Jul	1,120	1,120	1,120	2,300	402	2,485	2,619
Aug	1,118	1,118	1,118	4,440	433	2,514	2,252
Sep	1,039	1,039	1,039	7,391	482	1,515	2,180

Exhibit C-4 DSM Participant Usage Sampling

Schedule 1

Project	170079198	250043668	250094373	330076299	330086279a	330086279	330109609
Oct	840	2,705	919	1,144	3,928	3,928	5,455
Nov	1,534	5,152	1,295	1,329	5,664	5,664	7,083
Dec	1,446	4,845	1,449	1,781	6,611	6,611	9,496
Jan	1,683	4,852	1,554	1,370	5,655	5,655	6,354
Feb	897	3,716	1,101	1,199	4,516	4,516	4,673
Mar	874	3,337	1,116	1,111	3,788	3,788	5,173
Apr	543	1,599	791	805	2,142	2,142	2,139
May	426	1,210	771	639	-	-	42
Jun	292	758	643	667	-	-	15
Jul	399	891	753	666	-	-	87
Aug	380	893	710	759	-	-	244
Sep	479	1,952	758	609	832	832	2,965

Exhibit C-4 DSM Participant Usage Sampling

Schedule 1

Project	370046500	530017829	530057817	530079916	610018687	610023282	690052584
Oct	2,786	297	2,290	1,042	45,022	1,755	1,221
Nov	2,848	246	3,933	2,040	68,411	2,365	2,666
Dec	3,426	274	4,422	2,150	88,495	1,445	3,185
Jan	3,149	217	3,923	2,317	106,046	1,017	3,521
Feb	2,916	242	2,938	1,528	88,444	779	2,153
Mar	2,722	353	2,661	1,389	89,212	80	2,129
Apr	2,404	503	1,578	805	46,184	3	1,225
May	2,699	512	1,321	277	33,143	1	142
Jun	2,289	862	1,073	87	16,871	1	87
Jul	2,492	828	1,144	59	6,584	12	-
Aug	2,340	989	1,252	68	7,905	41	103
Sep	2,148	538	1,761	153	14,102	129	311

Exhibit C-4 DSM Participant Usage Sampling

Schedule 1

Project	690057321	690057321a	730052013	770019025	770075984	770096175	2023634205
Oct	1,406	1,406	364	1,547	614	1,137	1,149
Nov	1,626	1,626	419	1,812	981	3,002	1,758
Dec	2,102	2,102	547	1,604	912	2,594	2,007
Jan	909	909	360	1,173	992	3,410	1,667
Feb	580	580	294	955	756	1,977	868
Mar	497	497	291	876	643	1,726	778
Apr	440	440	269	505	482	1,215	292
May	368	368	303	170	473	436	22
Jun	372	372	250	140	418	144	1
Jul	401	401	319	152	449	8	1
Aug	428	428	262	292	422	66	22
Sep	469	469	270	866	427	430	483

Exhibit C-5 Lost Margin Calculations

DLM Data

WA DSM Savings	2004	2005	2006	2007	2008
101 Commercial/Industrial	51,360	38,980	52,203	176,583	153,796
111 Commercial/Industrial	289,558	728,851	400,902	645,004	373,975
121 Commercial/Industrial	3,113	19,977	10,342	65,348	5,383
101 Limited Income	5,012	110,788	57,503	58,549	71,983
101 Residential	80,034	118,170	172,404	221,059	552,157

Usage Profile	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total for 101	17.87%	16.77%	12.95%	9.37%	5.69%	3.33%	2.22%	1.81%	2.10%	3.81%	8.26%	15.81%
Total for 111/112	16.04%	15.53%	12.34%	9.58%	6.34%	4.02%	2.98%	2.48%	3.07%	4.60%	8.54%	14.49%
Total for 121/122	11.13%	10.31%	10.17%	7.80%	7.84%	7.11%	6.86%	6.58%	6.38%	7.69%	8.89%	9.24%

Typical Schedule 111/112 Tier (Block) Distribution

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
% <200	2.74%	1.37%	1.37%	1.37%	21.92%	34.25%	42.47%	30.14%	10.96%	1.37%	1.37%	2.74%
% next 800	13.70%	31.51%	28.77%	42.47%	45.21%	39.73%	30.14%	41.10%	49.32%	26.03%	15.07%	15.07%
% >1000	83.56%	67.12%	69.86%	56.16%	32.88%	26.03%	27.40%	28.77%	39.73%	72.60%	83.56%	82.19%

Margin Summary	1/1/2004	11/1/2004	1/13/2005	11/1/2005	11/1/2006	11/1/2007	1/1/2008	11/1/2008	
101	0.15731	0.19235	0.19235	0.19247	0.19823	0.19822	0.21748	0.2174916	9.7%
111 Tier 1	0.18243	0.22009	0.22009	0.22001	0.22596	0.22595	0.24524	0.2452521	8.5%
111 Tier 2	0.13504	0.15941	0.15941	0.15933	0.16173	0.16172	0.17675	0.1767652	9.3%
111 Tier 3	0.07292	0.09669	0.09669	0.09662	0.09904	0.09904	0.11314	0.1131491	14.2%
121 Tier 1	0.170857	0.2069567	0.2069567	0.2070818	0.2128335	0.212834	0.23209	0.2321033	9.0%
121 Tier 2	0.137662	0.1621389	0.1621389	0.1622641	0.1645286	0.1645291	0.179555	0.1795683	9.1%
121 Tier 3	0.075546	0.0994247	0.0994247	0.0995498	0.1018469	0.1018475	0.115403	0.1154162	13.3%
121 Tier 4	0.046664	0.0609999	0.0609999	0.061125	0.0621221	0.0621227	0.075107	0.0751202	20.9%
121 Tier 5	0.037375	0.051621	0.051621	0.0517461	0.0512655	0.051266	0.064093	0.064106	25.0%

Exhibit C-5 Lost Margin Calculations

Total DSM Savings	
2004	
136,405	
289,558	
3,113	

Usage Profile	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total for 101	18.23%	17.26%	12.46%	9.22%	5.66%	3.38%	2.25%	1.82%	2.08%	3.82%	8.12%	15.70%
Total for 111/112	16.24%	15.93%	11.95%	9.52%	6.39%	4.21%	2.97%	2.48%	3.03%	4.51%	8.41%	14.37%
Total for 121/122	11.48%	10.18%	10.12%	7.46%	7.89%	7.16%	7.05%	6.64%	6.28%	7.68%	9.01%	9.06%

Savings Monthly Distribution

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
101	24,863	23,547	16,996	12,582	7,722	4,612	3,072	2,483	2,842	5,205	11,071	21,411	136,405
111	47,012	46,128	34,611	27,557	18,496	12,176	8,601	7,170	8,773	13,069	24,355	41,611	289,558
121	357	317	315	232	246	223	219	207	195	239	280	282	3,113
													429,076

Typical Schedule 111 Tier (Block) Distribution

Sch 111	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
% <200	2.74%	1.37%	1.37%	1.37%	21.92%	34.25%	42.47%	30.14%	10.96%	1.37%	1.37%	2.74%
% next 800	13.70%	31.51%	28.77%	42.47%	45.21%	39.73%	30.14%	41.10%	49.32%	26.03%	15.07%	15.07%
% >1000	83.56%	67.12%	69.86%	56.16%	32.88%	26.03%	27.40%	28.77%	39.73%	72.60%	83.56%	82.19%

Savings Distribution

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
101	24,863	23,547	16,996	12,582	7,722	4,612	3,072	2,483	2,842	5,205	11,071	21,411	136,405
111 Tier 1	1,288	632	474	377	4,054	4,170	3,653	2,161	961	179	334	1,140	19,423
111 Tier 2	6,440	14,533	9,957	11,702	8,361	4,837	2,592	2,946	4,327	3,401	3,670	6,270	79,037
111 Tier 3	39,284	30,963	24,180	15,477	6,081	3,169	2,356	2,063	3,485	9,488	20,351	34,201	191,098
121	357	317	315	232	246	223	219	207	195	239	280	282	3,113
													429,076

Tier Margins

	1/1/2004	11/1/2004
101	0.15731	0.15731
111 Tier 1	0.18243	0.18243
111 Tier 2	0.13504	0.13504
111 Tier 3	0.07292	0.07292
121 Tier 4	0.04666	0.04666

Lost Margin

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
101	\$ 3,911	\$ 3,704	\$ 2,674	\$ 1,979	\$ 1,215	\$ 726	\$ 483	\$ 391	\$ 447	\$ 819	\$ 2,129	\$ 4,118	\$ 22,596
111 Tier 1	\$ 235	\$ 115	\$ 86	\$ 69	\$ 740	\$ 761	\$ 666	\$ 394	\$ 175	\$ 33	\$ 73	\$ 251	\$ 3,599
111 Tier 2	\$ 870	\$ 1,963	\$ 1,344	\$ 1,580	\$ 1,129	\$ 653	\$ 350	\$ 398	\$ 584	\$ 459	\$ 585	\$ 999	\$ 10,915
111 Tier 3	\$ 2,865	\$ 2,258	\$ 1,763	\$ 1,129	\$ 443	\$ 231	\$ 172	\$ 150	\$ 254	\$ 692	\$ 1,968	\$ 3,307	\$ 15,232
121	\$ 17	\$ 15	\$ 15	\$ 11	\$ 11	\$ 10	\$ 10	\$ 10	\$ 9	\$ 11	\$ 17	\$ 17	\$ 153

101 Commercial/Industrial	51,360
111 Commercial/Industrial	289,558
121 Commercial/Industrial	3,113
101 Limited Income	5,012
101 Residential	80,034

Savings Monthly Distribution

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
101 Commercial/Industrial	9,362	8,866	6,399	4,737	2,908	1,737	1,157	935	1,070	1,960	4,168	8,062
111 Tier 1 Commercial/Industrial	1,288	632	474	377	4,054	4,170	3,653	2,161	961	179	334	1,140
111 Tier 2 Commercial/Industrial	6,440	14,533	9,957	11,702	8,361	4,837	2,592	2,946	4,327	3,401	3,670	6,270
111 Tier 3 Commercial/Industrial	39,284	30,963	24,180	15,477	6,081	3,169	2,356	2,063	3,485	9,488	20,351	34,201
121 Commercial/Industrial	357	317	315	232	246	223	219	207	195	239	280	282
101 Limited Income	913	865	624	462	284	169	113	91	104	191	407	787
101 Residential	14,588	13,816	9,972	7,382	4,531	2,706	1,802	1,457	1,667	3,054	6,495	12,562

Lost Margin

101 Commercial/Industrial	\$ 1,473	\$ 1,395	\$ 1,007	\$ 745	\$ 457	\$ 273	\$ 182	\$ 147	\$ 168	\$ 308	\$ 802	\$ 1,551	\$ 8,508
111 Tier 1 Commercial/Industrial	\$ 235	\$ 115	\$ 86	\$ 69	\$ 740	\$ 761	\$ 666	\$ 394	\$ 175	\$ 33	\$ 73	\$ 251	\$ 3,599
111 Tier 2 Commercial/Industrial	\$ 870	\$ 1,963	\$ 1,344	\$ 1,580	\$ 1,129	\$ 653	\$ 350	\$ 398	\$ 584	\$ 459	\$ 585	\$ 999	\$ 10,915
111 Tier 3 Commercial/Industrial	\$ 2,865	\$ 2,258	\$ 1,763	\$ 1,129	\$ 443	\$ 231	\$ 172	\$ 150	\$ 254	\$ 692	\$ 1,968	\$ 3,307	\$ 15,232
121 Commercial/Industrial	\$ 17	\$ 15	\$ 15	\$ 11	\$ 11	\$ 10	\$ 10	\$ 10	\$ 9	\$ 11	\$ 17	\$ 17	\$ 153
101 Limited Income	\$ 144	\$ 136	\$ 98	\$ 73	\$ 45	\$ 27	\$ 18	\$ 14	\$ 16	\$ 30	\$ 78	\$ 151	\$ 830
101 Residential	\$ 2,295	\$ 2,173	\$ 1,569	\$ 1,161	\$ 713	\$ 426	\$ 284	\$ 229	\$ 262	\$ 480	\$ 1,249	\$ 2,416	\$ 13,258

Lost Margin

Commercial/Industrial	\$ 38,407
Limited Income	\$ 830
Residential	\$ 13,258

101	\$ 22,596
111/112	\$ 29,746
121/122	\$ 153

		Total DSM Savings													
		2005													
		369,959													
		809,906													
		1,199,842													
		19,977													
Usage Profile	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Total for 101	18.23%	17.26%	12.46%	9.22%	5.66%	3.38%	2.25%	1.82%	2.08%	3.82%	8.12%	15.70%			
Total for 111/112	16.24%	15.93%	11.95%	9.52%	6.39%	4.21%	2.97%	2.48%	3.03%	4.51%	8.41%	14.37%			
Total for 121/122	11.48%	10.18%	10.12%	7.46%	7.89%	7.16%	7.05%	6.64%	6.28%	7.68%	9.01%	9.06%			
Savings Monthly Distribution															
101	67,433	63,865	46,096	34,124	20,945	12,509	8,331	6,734	7,708	14,118	30,025	58,070	369,959		
111	131,494	129,022	96,808	77,077	51,735	34,057	24,058	20,054	24,539	36,554	68,121	116,387	809,906		
121	2,294	2,033	2,023	1,490	1,576	1,430	1,408	1,327	1,254	1,534	1,799	1,810	19,977		
													1,199,842		
Typical Schedule 111 Tier (Block) Distribution															
Sch 111	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
% <200	2.74%	1.37%	1.37%	1.37%	1.37%	21.92%	34.25%	42.47%	30.14%	10.96%	1.37%	1.37%	2.74%		
% next 800	13.70%	31.51%	28.77%	42.47%	45.21%	39.73%	30.14%	41.10%	49.32%	26.03%	15.07%	15.07%			
%>1000	83.56%	67.12%	69.86%	56.16%	32.88%	26.03%	27.40%	28.77%	39.73%	72.60%	83.56%	82.19%			
Savings Distribution															
		< Jan 13	1/13/2008												
101	67,433	26,103	41,330	63,865	46,096	34,124	20,945	12,509	8,331	6,734	7,708	14,118	30,025	58,070	369,959
111 Tier 1	3,603	1,395	2,208	1,767	1,326	1,056	11,339	11,663	10,216	6,044	2,689	501	933	3,189	54,326
111 Tier 2	18,013	6,973	11,040	40,651	27,849	32,731	23,387	13,530	7,250	8,241	12,102	9,514	10,265	17,538	221,070
111 Tier 3	109,879	42,534	67,345	86,604	67,633	43,290	17,009	8,864	6,591	5,769	9,749	26,539	56,923	95,661	534,509
121	2,294	888	1,406	2,033	2,023	1,490	1,576	1,430	1,408	1,327	1,254	1,534	1,799	1,810	19,977
													1,199,842		
Tier Margins															
		11/1/2004	1/13/2005										11/1/2005		
101	0.19235	0.19235	0.19235	0.19235	0.19235	0.19235	0.19235	0.19235	0.19235	0.19235	0.19235	0.19235	0.19235	0.19247	0.19247
111 Tier 1	0.22009	0.22009	0.22009	0.22009	0.22009	0.22009	0.22009	0.22009	0.22009	0.22009	0.22009	0.22009	0.22009	0.22001	0.22001
111 Tier 2	0.15941	0.15941	0.15941	0.15941	0.15941	0.15941	0.15941	0.15941	0.15941	0.15941	0.15941	0.15941	0.15933	0.15933	
111 Tier 3	0.09669	0.09669	0.09669	0.09669	0.09669	0.09669	0.09669	0.09669	0.09669	0.09669	0.09669	0.09669	0.09662	0.09662	
121 Tier 4	0.06100	0.06100	0.06100	0.06100	0.06100	0.06100	0.06100	0.06100	0.06100	0.06100	0.06100	0.06100	0.06113	0.06113	
Lost Margin															
													Totals		
101	\$ 5,021	\$ 7,950	\$ 12,284	\$ 8,866	\$ 6,564	\$ 4,029	\$ 2,406	\$ 1,602	\$ 1,295	\$ 1,483	\$ 2,716	\$ 5,779	\$ 11,177	\$ 71,171	
111 Tier 1	\$ 307	\$ 486	\$ 389	\$ 292	\$ 232	\$ 2,496	\$ 2,567	\$ 2,249	\$ 1,330	\$ 592	\$ 110	\$ 205	\$ 702	\$ 11,956	
111 Tier 2	\$ 1,111	\$ 1,760	\$ 6,480	\$ 4,439	\$ 5,218	\$ 3,728	\$ 2,157	\$ 1,156	\$ 1,314	\$ 1,929	\$ 1,517	\$ 1,635	\$ 2,794	\$ 35,238	
111 Tier 3	\$ 4,113	\$ 6,512	\$ 8,374	\$ 6,540	\$ 4,186	\$ 1,645	\$ 857	\$ 637	\$ 558	\$ 943	\$ 2,566	\$ 5,500	\$ 9,242	\$ 51,671	
121	\$ 54	\$ 86	\$ 124	\$ 123	\$ 91	\$ 96	\$ 87	\$ 86	\$ 81	\$ 76	\$ 94	\$ 110	\$ 111	\$ 1,219	
													\$ 10,606		
101 Commercial/Indus	38,980														
111 Commercial/Indus	728,851														
121 Commercial/Indus	19,977														
101 Limited Income	110,788														
101 Residential	118,170														
1,016,766															
Savings Monthly Distri															
		< Jan 13	1/13/2008												
101 Commercial/Indus	7,105	2,750	4,355	6,729	4,857	3,595	2,207	1,318	878	710	812	1,488	3,164	6,118	38,980
111 Tier 1 Commercial	3,242	1,255	1,987	1,591	1,193	950	10,204	10,496	9,194	5,439	2,420	451	840	2,870	48,890
111 Tier 2 Commercial	16,210	6,275	9,935	36,582	25,062	29,456	21,047	12,176	6,525	7,417	10,891	8,562	9,237	15,783	198,946
111 Tier 3 Commercial	98,882	38,277	60,605	77,936	60,864	38,957	15,307	7,977	5,932	5,192	8,773	23,883	51,226	86,087	481,016
121 Commercial/Indus	2,294	888	1,406	2,033	2,023	1,490	1,576	1,430	1,408	1,327	1,254	1,534	1,799	1,810	19,977
101 Limited Income	20,194	7,817	12,377	19,125	13,804	10,219	6,272	3,746	2,495	2,017	2,308	4,228	8,991	17,390	110,788
101 Residential	21,539	8,338	13,201	20,400	14,724	10,900	6,690	3,996	2,661	2,151	2,462	4,510	9,591	18,548	118,170
													1,016,766		
Lost Margin															
101 Commercial/Industrial	\$ 529	\$ 838	\$ 1,294	\$ 934	\$ 692	\$ 424	\$ 254	\$ 169	\$ 136	\$ 156	\$ 286	\$ 609	\$ 1,178	\$ 7,499	
111 Tier 1 Commercial/Industrial	\$ 276	\$ 437	\$ 350	\$ 263	\$ 209	\$ 2,246	\$ 2,310	\$ 2,024	\$ 1,197	\$ 533	\$ 99	\$ 185	\$ 631	\$ 10,760	
111 Tier 2 Commercial/Industrial	\$ 1,000	\$ 1,584	\$ 5,831	\$ 3,995	\$ 4,695	\$ 3,355	\$ 1,941	\$ 1,040	\$ 1,182	\$ 1,736	\$ 1,365	\$ 1,472	\$ 2,515	\$ 31,711	
111 Tier 3 Commercial/Industrial	\$ 3,701	\$ 5,860	\$ 7,536	\$ 5,885	\$ 3,767	\$ 1,480	\$ 771	\$ 574	\$ 502	\$ 848	\$ 2,309	\$ 4,949	\$ 8,317	\$ 46,500	
121 Commercial/Industrial	\$ 54	\$ 86	\$ 124	\$ 123	\$ 91	\$ 96	\$ 87	\$ 86	\$ 81	\$ 76	\$ 94	\$ 110	\$ 111	\$ 1,219	
101 Limited Income	\$ 1,504	\$ 2,381	\$ 3,679	\$ 2,655	\$ 1,966	\$ 1,206	\$ 721	\$ 480	\$ 388	\$ 444	\$ 813	\$ 1,731	\$ 3,347	\$ 21,313	
101 Residential	\$ 1,604	\$ 2,539	\$ 3,924	\$ 2,832	\$ 2,097	\$ 1,287	\$ 769	\$ 512	\$ 414	\$ 474	\$ 867	\$ 1,846	\$ 3,570	\$ 22,733	
													\$ 8,668		
Lost Margin															
Commercial/Industrial	\$ 97,689														
Limited Income	\$ 21,313														
Residential	\$ 22,733														
101	\$ 51,545														
111/112	\$ 88,971														
121/122	\$ 1,219														

Exhibit C-5 Lost Margin Calculations

Usage Profile	Total DSM Savings												
	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	
	282,110	400,902	10,342	693,354									
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Total for 101	18.23%	17.26%	12.46%	9.22%	5.66%	3.38%	2.25%	1.82%	2.08%	3.82%	8.12%	15.70%	
Total for 111/112	16.24%	15.93%	11.95%	9.52%	6.39%	4.21%	2.97%	2.48%	3.03%	4.51%	8.41%	14.37%	
Total for 121/122	11.48%	10.18%	10.12%	7.46%	7.89%	7.16%	7.05%	6.64%	6.28%	7.68%	9.01%	9.06%	

Savings Monthly Distribution

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
101	51,421	48,700	35,150	26,021	15,971	9,539	6,353	5,135	5,878	10,766	22,896	44,281	282,110
111	65,089	63,866	47,920	38,153	25,609	16,858	11,909	9,927	12,147	18,094	33,720	57,611	400,902
121	1,188	1,052	1,047	771	816	740	729	687	649	794	931	937	10,342
													693,354

Typical Schedule 111 Tier (Block) Distribution

Sch 111	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
% <200	2.74%	1.37%	1.37%	1.37%	21.92%	34.25%	42.47%	30.14%	10.96%	1.37%	1.37%	2.74%
% next 800	13.70%	31.51%	28.77%	42.47%	45.21%	39.73%	30.14%	41.10%	49.32%	26.03%	15.07%	15.07%
% >1000	83.56%	67.12%	69.86%	56.16%	32.88%	26.03%	27.40%	28.77%	39.73%	72.60%	83.56%	82.19%

Savings Distribution

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
101	51,421	48,700	35,150	26,021	15,971	9,539	6,353	5,135	5,878	10,766	22,896	44,281	282,110
111 Tier 1	1,783	875	656	523	5,613	5,773	5,057	2,992	1,331	248	462	1,578	26,892
111 Tier 2	8,916	20,122	13,785	16,202	11,577	6,697	3,589	4,079	5,990	4,709	5,081	8,681	109,429
111 Tier 3	54,390	42,869	33,478	21,428	8,419	4,388	3,263	2,856	4,826	13,137	28,177	47,352	264,581
121	1,188	1,052	1,047	771	816	740	729	687	649	794	931	937	10,342
													693,354

Tier Margins

	11/1/2005	11/1/2005	11/1/2005	11/1/2005	11/1/2005	11/1/2005	11/1/2005	11/1/2005	11/1/2005	11/1/2005	11/1/2005	11/1/2005	11/1/2005
101	0.19247	0.19247	0.19247	0.19247	0.19247	0.19247	0.19247	0.19247	0.19247	0.19247	0.19247	0.19247	0.19823
111 Tier 1	0.22001	0.22001	0.22001	0.22001	0.22001	0.22001	0.22001	0.22001	0.22001	0.22001	0.22596	0.22596	0.22596
111 Tier 2	0.15933	0.15933	0.15933	0.15933	0.15933	0.15933	0.15933	0.15933	0.15933	0.15933	0.16173	0.16173	0.16173
111 Tier 3	0.09662	0.09662	0.09662	0.09662	0.09662	0.09662	0.09662	0.09662	0.09662	0.09662	0.09904	0.09904	0.09904
121 Tier 4	0.06113	0.06113	0.06113	0.06113	0.06113	0.06113	0.06113	0.06113	0.06113	0.06113	0.06212	0.06212	0.06212

Lost Margin

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
101	\$ 9,897	\$ 9,373	\$ 6,765	\$ 5,008	\$ 3,074	\$ 1,836	\$ 1,223	\$ 988	\$ 1,131	\$ 2,072	\$ 4,539	\$ 8,778	\$ 54,683
111 Tier 1	\$ 392	\$ 192	\$ 144	\$ 115	\$ 1,235	\$ 1,270	\$ 1,113	\$ 658	\$ 293	\$ 55	\$ 104	\$ 357	\$ 5,929
111 Tier 2	\$ 1,421	\$ 3,206	\$ 2,196	\$ 2,581	\$ 1,844	\$ 1,067	\$ 572	\$ 650	\$ 954	\$ 750	\$ 822	\$ 1,404	\$ 17,468
111 Tier 3	\$ 5,255	\$ 4,142	\$ 3,234	\$ 2,070	\$ 813	\$ 424	\$ 315	\$ 276	\$ 466	\$ 1,269	\$ 2,791	\$ 4,690	\$ 25,746
121	\$ 73	\$ 64	\$ 64	\$ 47	\$ 50	\$ 45	\$ 45	\$ 42	\$ 40	\$ 49	\$ 58	\$ 58	\$ 634

101 Commercial/Indus 52,203
 111 Commercial/Indus 400,902
 121 Commercial/Indus 10,342
 101 Limited Income 57,503
 101 Residential 172,404

Savings Monthly Distrib

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
101 Commercial/Indus	9,515	9,012	6,504	4,815	2,955	1,765	1,176	950	1,088	1,992	4,237	8,194
111 Tier 1 Commercial	1,783	875	656	523	5,613	5,773	5,057	2,992	1,331	248	462	1,578
111 Tier 2 Commercial	8,916	20,122	13,785	16,202	11,577	6,697	3,589	4,079	5,990	4,709	5,081	8,681
111 Tier 3 Commercial	54,390	42,869	33,478	21,428	8,419	4,388	3,263	2,856	4,826	13,137	28,177	47,352
121 Commercial/Indus	1,188	1,052	1,047	771	816	740	729	687	649	794	931	937
101 Limited Income	10,481	9,927	7,165	5,304	3,256	1,944	1,295	1,047	1,198	2,194	4,667	9,026
101 Residential	31,424	29,762	21,481	15,902	9,761	5,829	3,882	3,138	3,592	6,579	13,992	27,061

Lost Margin

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
101 Commercial/Indus	\$ 1,831	\$ 1,734	\$ 1,252	\$ 927	\$ 569	\$ 340	\$ 226	\$ 183	\$ 209	\$ 383	\$ 840	\$ 1,624	\$ 10,119
111 Tier 1 Commercial	\$ 392	\$ 192	\$ 144	\$ 115	\$ 1,235	\$ 1,270	\$ 1,113	\$ 658	\$ 293	\$ 55	\$ 104	\$ 357	\$ 5,929
111 Tier 2 Commercial	\$ 1,421	\$ 3,206	\$ 2,196	\$ 2,581	\$ 1,844	\$ 1,067	\$ 572	\$ 650	\$ 954	\$ 750	\$ 822	\$ 1,404	\$ 17,468
111 Tier 3 Commercial	\$ 5,255	\$ 4,142	\$ 3,234	\$ 2,070	\$ 813	\$ 424	\$ 315	\$ 276	\$ 466	\$ 1,269	\$ 2,791	\$ 4,690	\$ 25,746
121 Commercial/Indus	\$ 73	\$ 64	\$ 64	\$ 47	\$ 50	\$ 45	\$ 45	\$ 42	\$ 40	\$ 49	\$ 58	\$ 58	\$ 634
101 Limited Income	\$ 2,017	\$ 1,911	\$ 1,379	\$ 1,021	\$ 627	\$ 374	\$ 249	\$ 201	\$ 231	\$ 422	\$ 925	\$ 1,789	\$ 11,146
101 Residential	\$ 6,048	\$ 5,728	\$ 4,134	\$ 3,061	\$ 1,879	\$ 1,122	\$ 747	\$ 604	\$ 691	\$ 1,266	\$ 2,774	\$ 5,364	\$ 33,418

Lost Margin
 Commercial/Industrial \$ 59,896
 Limited Income \$ 11,146
 Residential \$ 33,418

 101 \$ 54,683
 111/112 \$ 49,143
 121/122 \$ 634

Exhibit C-5 Lost Margin Calculations

		Total DSM Savings											
		2007											
		456,192											
		645,004											
1,166,544		65,348											
Usage Profile	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Total for 101	18.23%	17.26%	12.46%	9.22%	5.66%	3.38%	2.25%	1.82%	2.08%	3.82%	8.12%	15.70%	
Total for 111/112	16.24%	15.93%	11.95%	9.52%	6.39%	4.21%	2.97%	2.48%	3.03%	4.51%	8.41%	14.37%	
Total for 121/122	11.48%	10.18%	10.12%	7.46%	7.89%	7.16%	7.05%	6.64%	6.28%	7.68%	9.01%	9.06%	

Savings Monthly Distribution

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
101	83,151	78,752	56,840	42,078	25,827	15,425	10,273	8,304	9,504	17,409	37,024	71,606	456,192
111	104,721	102,752	77,097	61,384	41,202	27,123	19,160	15,971	19,543	29,111	54,251	92,690	645,004
121	7,504	6,650	6,616	4,873	5,154	4,676	4,606	4,341	4,101	5,019	5,886	5,922	65,348
													1,166,544

Typical Schedule 111 Tier (Block) Distribution

Sch 111	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
% <200	2.74%	1.37%	1.37%	1.37%	21.92%	34.25%	42.47%	30.14%	10.96%	1.37%	1.37%	2.74%
% next 800	13.70%	31.51%	28.77%	42.47%	45.21%	39.73%	30.14%	41.10%	49.32%	26.03%	15.07%	15.07%
% >1000	83.56%	67.12%	69.86%	56.16%	32.88%	26.03%	27.40%	28.77%	39.73%	72.60%	83.56%	82.19%

Savings Distribution

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
101	83,151	78,752	56,840	42,078	25,827	15,425	10,273	8,304	9,504	17,409	37,024	71,606	456,192
111 Tier 1	2,869	1,408	1,056	841	9,030	9,289	8,136	4,813	2,142	399	743	2,539	43,265
111 Tier 2	14,345	32,374	22,179	26,067	18,625	10,775	5,774	6,563	9,638	7,577	8,175	13,967	176,059
111 Tier 3	87,507	68,971	53,862	34,476	13,546	7,059	5,249	4,594	7,764	21,136	45,333	76,184	425,680
121	7,504	6,650	6,616	4,873	5,154	4,676	4,606	4,341	4,101	5,019	5,886	5,922	65,348
													1,166,544

Tier Margins

	11/1/2006	11/1/2007										
101	0.19823	0.19823	0.19823	0.19823	0.19823	0.19823	0.19823	0.19823	0.19823	0.19823	0.19823	0.19823
111 Tier 1	0.22596	0.22596	0.22596	0.22596	0.22596	0.22596	0.22596	0.22596	0.22596	0.22596	0.22596	0.22596
111 Tier 2	0.16173	0.16173	0.16173	0.16173	0.16173	0.16173	0.16173	0.16173	0.16173	0.16173	0.16172	0.16172
111 Tier 3	0.09904	0.09904	0.09904	0.09904	0.09904	0.09904	0.09904	0.09904	0.09904	0.09904	0.09904	0.09904
121 Tier 4	0.06212	0.06212	0.06212	0.06212	0.06212	0.06212	0.06212	0.06212	0.06212	0.06212	0.06212	0.06212

Lost Margin

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
101	\$ 16,483	\$ 15,611	\$ 11,267	\$ 8,341	\$ 5,120	\$ 3,058	\$ 2,036	\$ 1,646	\$ 1,884	\$ 3,451	\$ 7,339	\$ 14,194	\$ 90,429
111 Tier 1	\$ 648	\$ 318	\$ 239	\$ 190	\$ 2,040	\$ 2,099	\$ 1,838	\$ 1,088	\$ 484	\$ 90	\$ 168	\$ 574	\$ 9,776
111 Tier 2	\$ 2,320	\$ 5,236	\$ 3,587	\$ 4,216	\$ 3,012	\$ 1,743	\$ 934	\$ 1,061	\$ 1,559	\$ 1,225	\$ 1,322	\$ 2,259	\$ 28,473
111 Tier 3	\$ 8,667	\$ 6,831	\$ 5,335	\$ 3,415	\$ 1,342	\$ 699	\$ 520	\$ 455	\$ 769	\$ 2,093	\$ 4,490	\$ 7,545	\$ 42,161
121	\$ 466	\$ 413	\$ 411	\$ 303	\$ 320	\$ 291	\$ 286	\$ 270	\$ 255	\$ 312	\$ 366	\$ 368	\$ 4,060

101 Commercial/Indus 176,583
 111 Commercial/Indus 645,004
 121 Commercial/Indus 65,348
 101 Limited Income 58,549
 101 Residential 221,059

Savings Monthly DISTR

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
101 Commercial/Indus	32,186	30,483	22,002	16,287	9,997	5,971	3,976	3,214	3,679	6,739	14,331	27,717
111 Tier 1 Commercial	2,869	1,408	1,056	841	9,030	9,289	8,136	4,813	2,142	399	743	2,539
111 Tier 2 Commercial	14,345	32,374	22,179	26,067	18,625	10,775	5,774	6,563	9,638	7,577	8,175	13,967
111 Tier 3 Commercial	87,507	68,971	53,862	34,476	13,546	7,059	5,249	4,594	7,764	21,136	45,333	76,184
121 Commercial/Indus	7,504	6,650	6,616	4,873	5,154	4,676	4,606	4,341	4,101	5,019	5,886	5,922
101 Limited Income	10,672	10,107	7,295	5,400	3,315	1,980	1,318	1,066	1,220	2,234	4,752	9,190
101 Residential	40,293	38,161	27,543	20,390	12,515	7,475	4,978	4,024	4,606	8,436	17,941	34,698

Lost Margin

101 Commercial/Indus	\$ 6,380	\$ 6,043	\$ 4,361	\$ 3,229	\$ 1,982	\$ 1,184	\$ 788	\$ 637	\$ 729	\$ 1,336	\$ 2,841	\$ 5,494	\$ 35,003
111 Tier 1 Commercial	\$ 648	\$ 318	\$ 239	\$ 190	\$ 2,040	\$ 2,099	\$ 1,838	\$ 1,088	\$ 484	\$ 90	\$ 168	\$ 574	\$ 9,776
111 Tier 2 Commercial	\$ 2,320	\$ 5,236	\$ 3,587	\$ 4,216	\$ 3,012	\$ 1,743	\$ 934	\$ 1,061	\$ 1,559	\$ 1,225	\$ 1,322	\$ 2,259	\$ 28,473
111 Tier 3 Commercial	\$ 8,667	\$ 6,831	\$ 5,335	\$ 3,415	\$ 1,342	\$ 699	\$ 520	\$ 455	\$ 769	\$ 2,093	\$ 4,490	\$ 7,545	\$ 42,161
121 Commercial/Indus	\$ 466	\$ 413	\$ 411	\$ 303	\$ 320	\$ 291	\$ 286	\$ 270	\$ 255	\$ 312	\$ 366	\$ 368	\$ 4,060
101 Limited Income	\$ 2,115	\$ 2,004	\$ 1,446	\$ 1,070	\$ 657	\$ 392	\$ 261	\$ 211	\$ 242	\$ 443	\$ 942	\$ 1,822	\$ 11,606
101 Residential	\$ 7,987	\$ 7,565	\$ 5,460	\$ 4,042	\$ 2,481	\$ 1,482	\$ 987	\$ 798	\$ 913	\$ 1,672	\$ 3,556	\$ 6,878	\$ 43,819

Lost Margin
 Commercial/Industrial \$ 119,473
 Limited Income \$ 11,606
 Residential \$ 43,819

101 \$ 90,429
 111/112 \$ 80,410
 121/122 \$ 4,060

Exhibit C-5 Lost Margin Calculations

		Total DSM Savings											
		2008											
		777,936											
		373,975											
		5,383											
1,157,294													
Usage Profile	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Total for 101	18.23%	17.26%	12.46%	9.22%	5.66%	3.38%	2.25%	1.82%	2.08%	3.82%	8.12%	15.70%	100.00%
Total for 111/112	16.24%	15.93%	11.95%	9.52%	6.39%	4.21%	2.97%	2.48%	3.03%	4.51%	8.41%	14.37%	100.00%
Total for 121/122	11.48%	10.18%	10.12%	7.46%	7.89%	7.16%	7.05%	6.64%	6.28%	7.68%	9.01%	9.06%	100.00%

Savings Monthly Distribution

101	141,796	134,294	96,928	71,754	44,042	26,304	17,518	14,160	16,208	29,687	63,137	122,108	777,936
111	60,717	59,576	44,701	35,590	23,889	15,726	11,109	9,260	11,331	16,879	31,455	53,742	373,975
121	618	548	545	401	425	385	379	358	338	413	485	488	5,383
													1,157,294

Typical Schedule 111 Tier (Block) Distribution

Sch 111	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
% <200	2.74%	1.37%	1.37%	1.37%	21.92%	34.25%	42.47%	30.14%	10.96%	1.37%	1.37%	2.74%
% next 800	13.70%	31.51%	28.77%	42.47%	45.21%	39.73%	30.14%	41.10%	49.32%	26.03%	15.07%	15.07%
% >1000	83.56%	67.12%	69.86%	56.16%	32.88%	26.03%	27.40%	28.77%	39.73%	72.60%	83.56%	82.19%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Savings Distribution

101	141,796	134,294	96,928	71,754	44,042	26,304	17,518	14,160	16,208	29,687	63,137	122,108	777,936
111 Tier 1	1,663	816	612	488	5,236	5,386	4,717	2,791	1,242	231	431	1,472	25,085
111 Tier 2	8,317	18,771	12,859	15,114	10,799	6,247	3,348	3,805	5,588	4,393	4,740	8,098	102,079
111 Tier 3	50,737	39,989	31,229	19,989	7,854	4,093	3,043	2,664	4,501	12,255	26,284	44,171	246,810
121	618	548	545	401	425	385	379	358	338	413	485	488	5,383
													1,157,294

Tier Margins

	11/1/2008												11/1/2007											
101	0.21748	0.21748	0.21748	0.21748	0.21748	0.21748	0.21748	0.21748	0.21748	0.21748	0.21748	0.21748	0.21749	0.21749										
111 Tier 1	0.24524	0.24524	0.24524	0.24524	0.24524	0.24524	0.24524	0.24524	0.24524	0.24524	0.24524	0.24525	0.24525	0.24525										
111 Tier 2	0.17675	0.17675	0.17675	0.17675	0.17675	0.17675	0.17675	0.17675	0.17675	0.17675	0.17675	0.17677	0.17677	0.17677										
111 Tier 3	0.11314	0.11314	0.11314	0.11314	0.11314	0.11314	0.11314	0.11314	0.11314	0.11314	0.11314	0.11315	0.11315	0.11315										
121 Tier 4	0.07511	0.07511	0.07511	0.07511	0.07511	0.07511	0.07511	0.07511	0.07511	0.07511	0.07512	0.07512	0.07512	0.07512										

Lost Margin

	101	111 Tier 1	111 Tier 2	111 Tier 3	121	Totals							
	\$ 30,838	\$ 29,206	\$ 21,080	\$ 15,605	\$ 9,578	\$ 5,721	\$ 3,810	\$ 3,080	\$ 3,525	\$ 6,456	\$ 13,732	\$ 26,557	\$ 169,189
	\$ 408	\$ 200	\$ 150	\$ 120	\$ 1,284	\$ 1,321	\$ 1,157	\$ 684	\$ 305	\$ 57	\$ 106	\$ 361	\$ 6,152
	\$ 1,470	\$ 3,318	\$ 2,273	\$ 2,671	\$ 1,909	\$ 1,104	\$ 592	\$ 673	\$ 988	\$ 777	\$ 838	\$ 1,431	\$ 18,043
	\$ 5,740	\$ 4,524	\$ 3,533	\$ 2,262	\$ 889	\$ 463	\$ 344	\$ 301	\$ 509	\$ 1,386	\$ 2,974	\$ 4,998	\$ 27,924
	\$ 46	\$ 41	\$ 41	\$ 30	\$ 32	\$ 29	\$ 28	\$ 27	\$ 25	\$ 31	\$ 36	\$ 37	\$ 404

101 Commercial/Industrial	153,796
111 Commercial/Industrial	373,975
121 Commercial/Industrial	5,383
101 Limited Income	71,983
101 Residential	552,157
	1,157,294

Savings Monthly Distrib	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
101 Commercial/Industrial	28,033	26,550	19,163	14,186	8,707	5,200	3,463	2,799	3,204	5,869	12,482	24,140
111 Tier 1 Commercial	1,663	816	612	488	5,236	5,386	4,717	2,791	1,242	231	431	1,472
111 Tier 2 Commercial	8,317	18,771	12,859	15,114	10,799	6,247	3,348	3,805	5,588	4,393	4,740	8,098
111 Tier 3 Commercial	50,737	39,989	31,229	19,989	7,854	4,093	3,043	2,664	4,501	12,255	26,284	44,171
121 Commercial/Industrial	618	548	545	401	425	385	379	358	338	413	485	488
101 Limited Income	13,121	12,426	8,969	6,639	4,075	2,434	1,621	1,310	1,500	2,747	5,842	11,299
101 Residential	100,643	95,318	68,797	50,929	31,260	18,670	12,434	10,050	11,504	21,071	44,812	86,669

Lost Margin

101 Commercial/Industrial	\$ 6,097	\$ 5,774	\$ 4,167	\$ 3,085	\$ 1,894	\$ 1,131	\$ 753	\$ 609	\$ 697	\$ 1,276	\$ 2,715	\$ 5,250	\$ 33,448
111 Tier 1 Commercial	\$ 408	\$ 200	\$ 150	\$ 120	\$ 1,284	\$ 1,321	\$ 1,157	\$ 684	\$ 305	\$ 57	\$ 106	\$ 361	\$ 6,152
111 Tier 2 Commercial	\$ 1,470	\$ 3,318	\$ 2,273	\$ 2,671	\$ 1,909	\$ 1,104	\$ 592	\$ 673	\$ 988	\$ 777	\$ 838	\$ 1,431	\$ 18,043
111 Tier 3 Commercial	\$ 5,740	\$ 4,524	\$ 3,533	\$ 2,262	\$ 889	\$ 463	\$ 344	\$ 301	\$ 509	\$ 1,386	\$ 2,974	\$ 4,998	\$ 27,924
121 Commercial/Industrial	\$ 46	\$ 41	\$ 41	\$ 30	\$ 32	\$ 29	\$ 28	\$ 27	\$ 25	\$ 31	\$ 36	\$ 37	\$ 404
101 Limited Income	\$ 2,853	\$ 2,702	\$ 1,951	\$ 1,444	\$ 886	\$ 529	\$ 353	\$ 285	\$ 326	\$ 597	\$ 1,271	\$ 2,457	\$ 15,655
101 Residential	\$ 21,888	\$ 20,730	\$ 14,962	\$ 11,076	\$ 6,798	\$ 4,060	\$ 2,704	\$ 2,186	\$ 2,502	\$ 4,583	\$ 9,746	\$ 18,850	\$ 120,085

Lost Margin

Commercial/Industrial	\$ 85,972
Limited Income	\$ 15,655
Residential	\$ 120,085

101	\$ 169,189
111/112	\$ 52,119
121/122	\$ 404

Exhibit C-6 WA Schedule 191 DSM Tariff Revenue Calculations

Rate Schedule Desc	200401	200402	200403	200404	200405	200406
2004						
101 FIRM AND GENERAL SERVICE	22,410,561	17,879,449	14,445,062	8,516,833	5,529,377	4,030,609
111 FIRM-LARGE GENERAL SERVICE	8,289,258	6,902,624	5,785,222	3,813,995	2,686,139	2,011,051
112 FIRM-LARGE GENERAL SERVICE	5,179	4,191	4,172	1,522	1,232	920
112C FIRM-LARGE GENERAL - SCC	100,948	75,788	54,908	39,317	25,937	13,113
112F FIRM-LARGE GENERAL SVC - SFCC	47,000	53,914	45,866	27,816	18,315	10,713
121 FIRM-HIGH ANNUAL LOAD	565,011	553,240	517,421	435,353	445,590	392,574
122 FIRM-HIGH ANNUAL LOAD	51,372	63,839	57,274	58,347	55,631	53,630
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	105,656	113,306	106,586	70,583	54,110	28,260
122L FIRM-HIGH ANNUAL LOAD - ST LUKES	16,586	27,911	20,957	20,104	18,811	26,585
122Q FIRM-HIGH ANNUAL LOAD - QUARRY TILE	29,626	29,138	30,892	29,864	29,898	27,168
122S FIRM-HIGH ANNUAL LOAD - SPOK CNTY CTHSE	66,557	72,306	57,811	45,102	33,997	31,217
122W FIRM-HIGH ANNUAL LOAD - AIRWAY HTS CORR	46,461	50,664	43,197	30,688	24,336	19,553
131 INTERRUPTIBLE SERVICE	-	-	-	-	-	-
132 INTERRUPTIBLE SERVICE	10,291	34,177	43,351	10,607	-	-
132W INTERRUPTIBLE SERVICE - AIRWAY HTS CORR	75,817	82,050	71,124	55,957	50,812	42,188
Total WA	31,820,323	25,942,597	21,283,843	13,156,088	8,974,185	6,687,581

Rate Schedule Desc	200501	200502	200503	200504	200505	200506
2005						
101 FIRM AND GENERAL SERVICE	19,804,638	18,176,631	13,823,800	10,770,415	5,814,833	3,703,157
111 FIRM-LARGE GENERAL SERVICE	7,123,236	7,344,857	5,410,981	4,304,514	2,843,913	1,957,090
112 FIRM-LARGE GENERAL SERVICE	124,695	136,391	117,331	88,489	60,255	30,553
121 FIRM-HIGH ANNUAL LOAD	595,822	(1,250)	456,349	418,210	386,307	434,531
122 FIRM-HIGH ANNUAL LOAD	158,002	189,551	166,040	183,374	159,453	123,172
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	99,188	124,977	108,121	72,837	53,810	22,877
122W FIRM-HIGH ANNUAL LOAD - AIRWAY HTS CORR	44,242	54,239	40,890	34,293	27,501	21,221
132 INTERRUPTIBLE SERVICE	-	-	-	-	-	-
132W INTERRUPTIBLE SERVICE - AIRWAY HTS CORR	67,915	82,822	65,342	58,248	51,934	40,777
Total WA	28,017,738	26,108,218	20,188,854	15,930,380	9,398,006	6,333,378

Rate Schedule Desc	200601	200602	200603	200604	200605	200606
2006						
101 FIRM AND GENERAL SERVICE	18,562,669	16,709,536	16,924,558	11,304,373	6,552,477	3,538,290
111 FIRM-LARGE GENERAL SERVICE	6,991,622	6,396,909	6,419,068	4,535,447	2,823,225	1,502,610
112 FIRM-LARGE GENERAL SERVICE	181,769	132,489	129,811	104,131	61,503	32,630
121 FIRM-HIGH ANNUAL LOAD	432,531	540,597	518,441	453,085	386,357	374,983
122 FIRM-HIGH ANNUAL LOAD	179,744	165,643	158,154	146,390	133,740	122,765
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	117,336	102,284	101,285	78,637	55,095	28,074
122L FIRM-HIGH ANNUAL LOAD - ST LUKES	-	-	-	-	-	-
122W FIRM-HIGH ANNUAL LOAD - AIRWAY HTS CORR	50,020	49,175	40,694	38,980	32,396	24,716
131 INTERRUPTIBLE SERVICE	-	-	-	-	-	-
132W INTERRUPTIBLE SERVICE - AIRWAY HTS CORR	79,033	73,746	75,280	67,227	56,865	40,563
Total WA	26,594,724	24,170,379	24,367,291	16,728,270	10,101,658	5,664,631

Rate Schedule Desc	200701	200702	200703	200704	200705	200706
2007						
101 FIRM AND GENERAL SERVICE	21,292,599	21,234,566	14,472,322	9,724,124	6,113,562	3,664,833
111 FIRM-LARGE GENERAL SERVICE	7,777,017	7,757,226	5,803,774	4,236,615	2,921,581	1,960,388
112 FIRM-LARGE GENERAL SERVICE	152,728	152,980	117,288	89,397	64,770	37,218
121 FIRM-HIGH ANNUAL LOAD	530,736	581,565	403,127	357,914	331,849	315,310
122 FIRM-HIGH ANNUAL LOAD	112,005	119,869	100,593	87,520	81,054	76,232
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	96,124	115,131	97,045	68,899	49,741	23,689
122L FIRM-HIGH ANNUAL LOAD - ST LUKES	36,899	26,540	22,812	20,019	22,415	30,491
122W FIRM-HIGH ANNUAL LOAD - AIRWAY HTS CORR	45,233	52,861	44,409	32,802	24,450	22,128
132 INTERRUPTIBLE SERVICE	-	-	-	-	-	-
132W INTERRUPTIBLE SERVICE - AIRWAY HTS CORR	75,087	84,056	76,611	63,911	50,186	44,662
Total WA	30,118,428	30,124,794	21,137,981	14,681,201	9,659,608	6,174,951

Rate Schedule Desc	200801	200802	200803	200804	200805	200806
2008						
101 FIRM AND GENERAL SERVICE	20,755,627	22,514,347	14,859,076	13,629,159	8,714,627	4,232,714
111 FIRM-LARGE GENERAL SERVICE	7,756,415	8,327,845	5,734,242	5,750,819	3,703,024	2,098,342
112 FIRM-LARGE GENERAL SERVICE	155,992	183,850	140,832	130,737	80,998	47,559
121 FIRM-HIGH ANNUAL LOAD	482,296	470,293	448,320	(16,126)	342,630	297,843
122 FIRM-HIGH ANNUAL LOAD	196,204	218,099	164,787	159,377	178,880	158,863
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	100,554	131,884	92,009	84,860	-	-
132 INTERRUPTIBLE SERVICE	73,637	93,723	74,260	67,610	56,425	39,006
Total WA	29,520,725	31,940,041	21,513,526	19,806,436	13,076,584	6,874,327

Tariff Rider Rate (DSM portion only)

eff date	9/11/2003	5/2/2004	2/14/2005	1/1/2006	11/1/2006	1/1/2008
101	0.01119	0.01119	0.00790	0.00412	0.01795	0.01795
111	0.00965	0.00965	0.00682	0.00355	0.01580	0.01580
121	0.00893	0.00893	0.00631	0.00329	0.01479	0.01479
131	0.00862	0.00862	0.00609	0.00317	0.01429	0.01429

From Avista's Data Submission on 2/11/09 after Status Call #6.

Exhibit C-6 WA Schedule 191 DSM Tariff Revenue Calculations

Rate Schedule Desc	200407	200408	200409	200410	200411	200412 total dsm rev			
2004									
101 FIRM AND GENERAL SERVICE	2,503,345	2,146,936	2446019	4,010,761	9,850,486	15,974,201			\$1,228,031
111 FIRM-LARGE GENERAL SERVICE	1,371,898	1,196,161	1615734	1,897,498	4,026,716	6,014,795			\$440,147
112 FIRM-LARGE GENERAL SERVICE	307	281	1177	710	1,840	115,808			\$1,325
112C FIRM-LARGE GENERAL - SCC	4,006	3,142	4752	14,441	29,241	-			\$3,528
112F FIRM-LARGE GENERAL SVC - SFCC	4,764	2,007	2147	8,827	18,357	-			\$2,313
121 FIRM-HIGH ANNUAL LOAD	443,088	429,438	387143	482,356	584,255	567,367			\$51,819
122 FIRM-HIGH ANNUAL LOAD	58,382	60,859	55473	52,097	118,181	185,692			\$7,776
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	12,543	10,498	9540	27,532	60,286	90,110			\$6,153
122L FIRM-HIGH ANNUAL LOAD - ST LUKES	49,848	44,635	24931	20,338	-	-			\$2,417
122Q FIRM-HIGH ANNUAL LOAD - QUARRY TILE	28,447	34,301	29049	35,441	-	-			\$2,713
122S FIRM-HIGH ANNUAL LOAD - SPOK CNTY CTHSE	25,779	27,224	23679	30,335	40,632	-			\$4,060
122W FIRM-HIGH ANNUAL LOAD - AIRWAY HTS CORR	16,263	16,072	14417	18,582	29,350	41,288			\$3,133
131 INTERRUPTIBLE SERVICE	-	-	0	-	-	-			\$0
132 INTERRUPTIBLE SERVICE	-	-	0	-	-	-			\$848
132W INTERRUPTIBLE SERVICE - AIRWAY HTS CORR	30,101	27,667	25262	34,295	52,789	65,184			\$5,286
Total WA	4,548,771	3,999,221	4,639,323	6,633,213	14,812,133	23,054,445			\$1,759,552
2005									
Rate Schedule Desc	200507	200508	200509	200510	200511	200512			total dsm rev
101 FIRM AND GENERAL SERVICE	2,680,372	2,034,376	2,364,648	4,735,670	8,890,440	20,055,399	\$323,312	\$663,295	\$986,607
111 FIRM-LARGE GENERAL SERVICE	1,500,894	1,167,741	1,375,364	2,346,762	4,036,575	7,686,047	\$104,178	\$247,582	\$351,760
112 FIRM-LARGE GENERAL SERVICE	20,025	8,582	8,065	22,294	59,953	127,244	\$1,861	\$4,167	\$6,028
121 FIRM-HIGH ANNUAL LOAD	355,224	422,852	363,500	411,848	363,488	52,059	\$5,315	\$23,118	\$28,433
122 FIRM-HIGH ANNUAL LOAD	183,561	173,080	91,381	128,359	132,489	180,176	\$2,257	\$10,196	\$12,453
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	10,998	6,161	4,841	18,014	46,958	102,112	\$1,444	\$3,213	\$4,657
122W FIRM-HIGH ANNUAL LOAD - AIRWAY HTS CORR	21,161	15,437	15,841	19,024	25,515	49,080	\$637	\$1,875	\$2,512
132 INTERRUPTIBLE SERVICE	-	-	-	-	-	-	\$0	\$0	\$0
132W INTERRUPTIBLE SERVICE - AIRWAY HTS CORR	37,899	24,711	25,686	34,730	53,828	83,558	\$942	\$3,155	\$4,098
Total WA	4,810,134	3,852,940	4,249,326	7,716,701	13,609,246	28,335,675			\$1,396,549
2006									
Rate Schedule Desc	200607	200608	200609	200610	200611	200612 total dsm rev			
101 FIRM AND GENERAL SERVICE	2,378,214	1,985,594	2479717	4,292,105	9891005	18,364,798			\$856,269
111 FIRM-LARGE GENERAL SERVICE	1,397,740	1,177,432	1516383	2,274,305	4168423	6,907,103			\$299,367
112 FIRM-LARGE GENERAL SERVICE	18,258	7,139	10440	22,466	61751	123,253			\$5,410
121 FIRM-HIGH ANNUAL LOAD	329,244	358,308	403555	461,969	464348	474,837			\$27,903
122 FIRM-HIGH ANNUAL LOAD	133,676	128,247	109771	96,722	86221	108,333			\$7,401
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	9,138	2,962	6370	23,223	63940	105,818			\$4,236
122L FIRM-HIGH ANNUAL LOAD - ST LUKES	-	-	-	-	26276	27,884			\$801
122W FIRM-HIGH ANNUAL LOAD - AIRWAY HTS CORR	17,772	13,723	16774	19,548	26484	44,307			\$2,046
131 INTERRUPTIBLE SERVICE	-	-	0	-	0	-			\$0
132W INTERRUPTIBLE SERVICE - AIRWAY HTS CORR	31,401	24,316	26942	36,942	50798	80,909			\$3,506
Total WA	4,315,443	3,697,721	4,569,952	7,227,280	14,839,246	26,237,242			\$1,206,939
2007									
Rate Schedule Desc	200707	200708	200709	200710	200711	200712 total dsm rev			
101 FIRM AND GENERAL SERVICE	2,462,636	2,010,203	2,332,936	4,484,817	9,398,517	18,392,852			\$2,074,732
111 FIRM-LARGE GENERAL SERVICE	1,353,405	1,143,950	1,380,089	2,259,185	4,008,219	6,868,538			\$750,026
112 FIRM-LARGE GENERAL SERVICE	22,229	4,702	7,298	24,573	70,678	119,936			\$13,648
121 FIRM-HIGH ANNUAL LOAD	275,103	257,855	327,922	329,115	397,672	448,823			\$67,398
122 FIRM-HIGH ANNUAL LOAD	76,096	55,622	64,076	68,619	110,771	187,685			\$16,863
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	7,365	5,642	6,300	12,835	49,786	95,291			\$9,286
122L FIRM-HIGH ANNUAL LOAD - ST LUKES	44,756	39,110	28,561	22,555	-	-			\$4,351
122W FIRM-HIGH ANNUAL LOAD - AIRWAY HTS CORR	17,942	12,502	15,542	17,599	27,976	-			\$4,636
132 INTERRUPTIBLE SERVICE	-	-	-	-	-	80,019			\$1,143
132W INTERRUPTIBLE SERVICE - AIRWAY HTS CORR	32,191	22,511	25,947	31,352	56,927	-			\$8,052
Total WA	4,291,723	3,552,097	4,188,671	7,250,650	14,120,546	26,193,144			\$2,950,134
2008									
Rate Schedule Desc	200807	200808	200809	200810	200811	200812 total dsm rev			
101 FIRM AND GENERAL SERVICE	2,763,613	2,223,233	2,487,966	3,933,329	8,603,159	15,345,278			\$2,155,115
111 FIRM-LARGE GENERAL SERVICE	1,465,766	1,273,146	1,477,180	2,090,538	3,693,128	5,864,184			\$777,907
112 FIRM-LARGE GENERAL SERVICE	25,829	9,294	12,785	23,784	74,111	100,341			\$15,581
121 FIRM-HIGH ANNUAL LOAD	309,776	229,010	260,189	297,030	326,310	350,543			\$56,174
122 FIRM-HIGH ANNUAL LOAD	137,174	114,079	123,780	140,972	236,576	259,903			\$30,892
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	-	-	-	-	-	-			\$6,054
132 INTERRUPTIBLE SERVICE	31,997	22,754	26,857	31,848	47,455	61,119			\$8,955
Total WA	4,734,155	3,871,516	4,388,757	6,517,501	12,980,739	21,981,368			\$3,050,678

Tariff Rider Rate (DSM portion only)

eff date	
	101
	111
	121
	131

From Avista's Data Submission on 2/11/09 after Status Call #

Exhibit C-6 WA Schedule 191 DSM Tariff Revenue Calculations

Rate Schedule Desc		Residential and Limited Income Proportion Calculations			
2004	total dsm rev	% Residential			
101 FIRM AND GENERAL SERVICE	\$1,228,031	85.19%	Residential DSM	\$ 1,046,136	
111 FIRM-LARGE GENERAL SERVICE	\$440,147	10.58%	Residential DSM	\$ 46,554	
112 FIRM-LARGE GENERAL SERVICE	\$1,325				
112C FIRM-LARGE GENERAL - SCC	\$3,528				
112F FIRM-LARGE GENERAL SVC - SFCC	\$2,313				
121 FIRM-HIGH ANNUAL LOAD	\$51,819	1.28%	Residential DSM	\$ 664	LI
122 FIRM-HIGH ANNUAL LOAD	\$7,776				Res
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	\$6,153				
122L FIRM-HIGH ANNUAL LOAD - ST LUKES	\$2,417				
122Q FIRM-HIGH ANNUAL LOAD - QUARRY TILE	\$2,713				
122S FIRM-HIGH ANNUAL LOAD - SPOK CNTY CTHSE	\$4,060				
122W FIRM-HIGH ANNUAL LOAD - AIRWAY HTS CORR	\$3,133				
131 INTERRUPTIBLE SERVICE	\$0				
132 INTERRUPTIBLE SERVICE	\$848				
132W INTERRUPTIBLE SERVICE - AIRWAY HTS CORR	\$5,286				C/I
Total WA	\$1,759,552				\$666,197

Rate Schedule Desc		Residential and Limited Income Proportion Calculations			
2005	total dsm rev	% Residential			
101 FIRM AND GENERAL SERVICE	\$986,607	84.59%	Residential DSM	\$ 834,608	
111 FIRM-LARGE GENERAL SERVICE	\$351,760	10.60%	Residential DSM	\$ 37,271	
112 FIRM-LARGE GENERAL SERVICE	\$6,028				
121 FIRM-HIGH ANNUAL LOAD	\$28,433	-5.24%		\$ (1,490)	LI
122 FIRM-HIGH ANNUAL LOAD	\$12,453				Res
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	\$4,657				
122W FIRM-HIGH ANNUAL LOAD - AIRWAY HTS CORR	\$2,512				
132 INTERRUPTIBLE SERVICE	\$0				
132W INTERRUPTIBLE SERVICE - AIRWAY HTS CORR	\$4,098				C/I
Total WA	\$1,396,549				\$526,160

Rate Schedule Desc		Residential and Limited Income Proportion Calculations			
2006	total dsm rev	% Residential			
101 FIRM AND GENERAL SERVICE	\$856,269	84.32%	Residential DSM	\$ 722,017	
111 FIRM-LARGE GENERAL SERVICE	\$299,367	10.18%	Residential DSM	\$ 30,489	LI
112 FIRM-LARGE GENERAL SERVICE	\$5,410				Res
121 FIRM-HIGH ANNUAL LOAD	\$27,903				
122 FIRM-HIGH ANNUAL LOAD	\$7,401				
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	\$4,236				
122L FIRM-HIGH ANNUAL LOAD - ST LUKES	\$801				
122W FIRM-HIGH ANNUAL LOAD - AIRWAY HTS CORR	\$2,046		101 usage	115,583,967	
131 INTERRUPTIBLE SERVICE	\$0		Res usage (rev run)	102,386,981	
132W INTERRUPTIBLE SERVICE - AIRWAY HTS CORR	\$3,506		LI usage (report estimate)	12,177,120	C/I
Total WA	\$1,206,939		LI % of Res	11.89%	\$454,434

Note: 11.89% LI used for all calculations.

Rate Schedule Desc		Residential and Limited Income Proportion Calculations			
2007	total dsm rev	% Residential			
101 FIRM AND GENERAL SERVICE	\$2,074,732	84.45%	Residential DSM	\$ 1,752,151	
111 FIRM-LARGE GENERAL SERVICE	\$750,026	10.06%	Residential DSM	\$ 75,431	LI
112 FIRM-LARGE GENERAL SERVICE	\$13,648				Res
121 FIRM-HIGH ANNUAL LOAD	\$67,398				
122 FIRM-HIGH ANNUAL LOAD	\$16,863				
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	\$9,286				
122L FIRM-HIGH ANNUAL LOAD - ST LUKES	\$4,351				
122W FIRM-HIGH ANNUAL LOAD - AIRWAY HTS CORR	\$4,636				
132 INTERRUPTIBLE SERVICE	\$1,143				
132W INTERRUPTIBLE SERVICE - AIRWAY HTS CORR	\$8,052				C/I
Total WA	\$2,950,134				\$1,122,552

Rate Schedule Desc		Residential and Limited Income Proportion Calculations			
2008	total dsm rev	% Residential			
101 FIRM AND GENERAL SERVICE	\$2,155,115	84.35%	Residential DSM	\$ 1,817,918	
111 FIRM-LARGE GENERAL SERVICE	\$777,907	9.30%	Residential DSM	\$ 72,309	LI
112 FIRM-LARGE GENERAL SERVICE	\$15,581				Res
121 FIRM-HIGH ANNUAL LOAD	\$56,174				
122 FIRM-HIGH ANNUAL LOAD	\$30,892				
122G FIRM-HIGH ANNUAL LOAD - GONZAGA	\$6,054				
132 INTERRUPTIBLE SERVICE	\$8,955				C/I
Total WA	\$3,050,678				\$1,160,451

Tariff Rider Rate (DSM portion only)

eff date	
101	
111	
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131	

From Avista's Data Submission on 2/11/09 after Status Call #6

AVISTA CORPORATION
dba Avista Utilities

SCHEDULE 191

PUBLIC PURPOSES RIDER ADJUSTMENT - WASHINGTON

APPLICABLE:

To Customers in the State of Washington where the Company has natural gas service available. This Public Purposes Rider or Rate Adjustment shall be applicable to all retail customers taking service under Schedules 101, 111, 112, 121, 122, 131, and 132. This Rate Adjustment, set below at 1.75% of retail rates, is designed to recover costs incurred by the Company associated with providing energy efficiency services and programs (0.50%, plus a temporary rate of 0.46% through December 31, 2005), and low income energy assistance (0.79%) to customers. The Company may, at its discretion to match revenue under this schedule with demand for services under Schedule 190, reduce or increase this charge on an annual basis. Any change in this charge is subject to Commission approval and its review of the previous year expenditures under Schedule 190 and determinations with regard to any revenue carryforward, and prospective budget on an annual basis. Any annual expenditures exceeding annual collections when combined with any carryforward budget surplus shall be at the Company's risk of future recovery.

MONTHLY RATE:

The energy charges of the individual rate schedules are to be increased by the following amounts:

	Rates effective Sept. 5, 2003 through Dec. 31, 2005	Rates effective Jan. 1, 2006
Schedule 101	- 2.039¢ per Therm	- 1.062¢ per Therm
Schedule 111 & 112	- 1.759¢ per Therm	- 0.916¢ per Therm
Schedule 121 & 122	- 1.628¢ per Therm	- 0.848¢ per Therm
Schedule 131 & 132	- 1.572¢ per Therm	- 0.819¢ per Therm

SPECIAL TERMS AND CONDITIONS:

Service under this schedule is subject to the Rules and Regulations contained in this tariff.

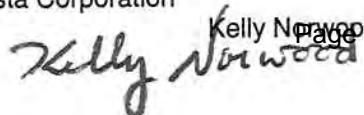
The above Rate is subject to increases as set forth in Tax Adjustment Schedule 158.

Issued July 31, 2003

Effective September 11, 2003

Issued by Avista Corporation

By



Kelly Norwood, Vice-President, Rates & Regulation

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AVISTA CORPORATION
 dba Avista Utilities

SCHEDULE 191

PUBLIC PURPOSES RIDER ADJUSTMENT - WASHINGTON

APPLICABLE:

To Customers in the State of Washington where the Company has natural gas service available. This Public Purposes Rider or Rate Adjustment shall be applicable to all retail customers taking service under Schedules 101, 111, 112, 121, 122, 131, and 132. This Rate Adjustment, set below at 1.75% of retail rates, is designed to recover costs incurred by the Company associated with providing energy efficiency services and programs (0.50%, plus a temporary rate of 0.46% through December 31, 2005), and low income energy assistance (0.79%) to customers. The Company may, at its discretion to match revenue under this schedule with demand for services under Schedule 190, reduce or increase this charge on an annual basis. Any change in this charge is subject to Commission approval and its review of the previous year expenditures under Schedule 190 and determinations with regard to any revenue carryforward, and prospective budget on an annual basis. Any annual expenditures exceeding annual collections when combined with any carryforward budget surplus shall be at the Company's risk of future recovery.

MONTHLY RATE:

The energy charges of the individual rate schedules are to be increased by the following amounts:

	Rates effective Sept. 5, 2003 through Dec. 31, 2005	Rates effective Jan. 1, 2006
Schedule 101	- 2.039¢per Therm	- 1.062¢per Therm
Schedule 111 & 112	- 1.759¢per Therm	- 0.916¢per Therm
Schedule 121 & 122	- 1.628¢per Therm	- 0.848¢per Therm
Schedule 131 & 132	- 1.572¢per Therm	- 0.819¢per Therm

SPECIAL TERMS AND CONDITIONS:

Service under this schedule is subject to the Rules and Regulations contained in this tariff.

The above Rate is subject to increases as set forth in Tax Adjustment Schedule 158.

Issued March 30, 2004

Effective May 2, 2004

Issued by Avista Corporation
 By Kelly Norwood

Page 2 of 7 , Vice-President, State & Federal Regulation

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AVISTA CORPORATION
 dba Avista Utilities

SCHEDULE 191

PUBLIC PURPOSES RIDER ADJUSTMENT - WASHINGTON

APPLICABLE:

To Customers in the State of Washington where the Company has natural gas service available. This Public Purposes Rider or Rate Adjustment shall be applicable to all retail customers taking service under Schedules 101, 111, 112, 121, 122, 131, and 132. This Rate Adjustment is designed to recover costs incurred by the Company associated with providing energy efficiency services and programs, and low income energy assistance to customers. The Company may, at its discretion to match revenue under this schedule with demand for services under Schedule 190, reduce or increase this charge on an annual basis. Any change in this charge is subject to Commission approval and its review of the previous year expenditures under Schedule 190 and determinations with regard to any revenue carryforward, and prospective budget on an annual basis. Any annual expenditures exceeding annual collections when combined with any carryforward budget surplus shall be at the Company's risk of future recovery.

MONTHLY RATE:

The energy charges of the individual rate schedules are to be increased by the following amounts:

	Rates effective Feb. 14, 2005 through Dec. 31, 2005	Rates effective Jan. 1, 2006
Schedule 101	- 1.441¢ per Therm	- 1.062¢ per Therm
Schedule 111 & 112	- 1.243¢ per Therm	- 0.916¢ per Therm
Schedule 121 & 122	- 1.150¢ per Therm	- 0.848¢ per Therm
Schedule 131 & 132	- 1.111¢ per Therm	- 0.819¢ per Therm

SPECIAL TERMS AND CONDITIONS:

Service under this schedule is subject to the Rules and Regulations contained in this tariff.

The above Rate is subject to increases as set forth in Tax Adjustment Schedule 158.

Issued January 12, 2005

Effective February 14, 2005

Issued by Avista Corporation
 By Kelly Norwood

, Vice-President, State and Federal Regulation

AVISTA CORPORATION
dba Avista Utilities

SCHEDULE 191

PUBLIC PURPOSES RIDER ADJUSTMENT - WASHINGTON

APPLICABLE:

To Customers in the State of Washington where the Company has natural gas service available. This Public Purposes Rider or Rate Adjustment shall be applicable to all retail customers taking service under Schedules 101, 111, 112, 121, 122, 131, and 132. This Rate Adjustment is designed to recover costs incurred by the Company associated with providing Demand Side Management services and programs, and Low Income Rate Assistance (LIRAP) to customers. (T)
(T)
(D)

MONTHLY RATE:

The energy charges of the individual rate schedules are to be increased by the following amounts:

	<u>DSM Rate</u>	<u>LIRAP Rate</u>
Schedule 101	\$0.01795 per Therm	\$0.00808 per Therm (I)
Schedule 111 & 112	\$0.01580 per Therm	\$0.00698 per Therm (I)
Schedule 121 & 122	\$0.01479 per Therm	\$0.00645 per Therm (I)
Schedule 131 & 132	\$0.01429 per Therm	\$0.00624 per Therm (I)

SPECIAL TERMS AND CONDITIONS:

Service under this schedule is subject to the Rules and Regulations contained in this tariff.

The above Rate is subject to increases as set forth in Tax Adjustment Schedule 158.

Issued December 20, 2007

Effective January 1, 2008*

*By authority of Commission Order No. 05 in Docket No. UG-070805

Issued by Avista Corporation
By Kelly Norwood

, Vice-President, State and Federal Regulation

AVISTA CORPORATION
dba Avista Utilities

SCHEDULE 191

PUBLIC PURPOSES RIDER ADJUSTMENT - WASHINGTON

APPLICABLE:

To Customers in the State of Washington where the Company has natural gas service available. This Public Purposes Rider or Rate Adjustment shall be applicable to all retail customers taking service under Schedules 101, 111, 112, 121, 122, 131, and 132. This Rate Adjustment is designed to recover costs incurred by the Company associated with providing Demand Side Management services and programs, and Low Income Rate Assistance (LIRAP) to customers.

MONTHLY RATE:

The energy charges of the individual rate schedules are to be increased by the following amounts:

	<u>DSM Rate</u>	<u>LIRAP Rate</u>
Schedule 101	\$0.01837 per Therm	\$0.00962 per Therm (I)
Schedule 111 & 112	\$0.01617 per Therm	\$0.00831 per Therm (I)
Schedule 121 & 122	\$0.01514 per Therm	\$0.00768 per Therm (I)
Schedule 131 & 132	\$0.01463 per Therm	\$0.00743 per Therm (I)

SPECIAL TERMS AND CONDITIONS:

Service under this schedule is subject to the Rules and Regulations contained in this tariff.

The above Rate is subject to increases as set forth in Tax Adjustment Schedule 158.

Issued December 30, 2008

Effective January 1, 2009*

* By Authority of Commission Order No. 08 in Docket No. UG-080417

Issued by Avista Corporation
By Kelly Norwood

, Vice-President, State and Federal Regulation

AVISTA CORPORATION
dba Avista Utilities

SCHEDULE 191

PUBLIC PURPOSES RIDER ADJUSTMENT - WASHINGTON

APPLICABLE:

To Customers in the State of Washington where the Company has natural gas service available. This Public Purposes Rider or Rate Adjustment shall be applicable to all retail customers taking service under Schedules 101, 111, 112, 121, 122, 131, and 132. This Rate Adjustment is designed to recover costs incurred by the Company associated with providing Demand Side Management services and programs, and Low Income Rate Assistance (LIRAP) to customers.

MONTHLY RATE:

The energy charges of the individual rate schedules are to be increased by the following amounts:

	<u>DSM Rate</u>	<u>LIRAP Rate</u>
Schedule 101	\$0.03344 per Therm (I)	\$0.00962 per Therm
Schedule 111 & 112	\$0.02944 per Therm (I)	\$0.00831 per Therm
Schedule 121 & 122	\$0.02756 per Therm (I)	\$0.00768 per Therm
Schedule 131 & 132	\$0.02663 per Therm (I)	\$0.00743 per Therm

SPECIAL TERMS AND CONDITIONS:

Service under this schedule is subject to the Rules and Regulations contained in this tariff.

The above Rate is subject to increases as set forth in Tax Adjustment Schedule 158.

Issued December 31, 2008

Effective February 1, 2009

**Exhibit C-8 DSM Cost Calculations
2004 Costs**

	Gas
C/I incentives	487,422
Residential incentives	193,143
Limited income incentives	260,582
Labor	134,766
Non-labor	5,751
	<u>1,081,665</u>

Utility Costs incorrectly assigned labor and admin costs to LI in workbook. Below matches Triple-E Report Table 1G.

Gas programs						
Labor & Non-Labor Costs						
	Savings	Admin	General	Non-Incentive	Incentive	Total
Commercial/Industrial	934,238	\$ 91,102	\$ 40,897	\$ 131,999	\$ 487,422	\$ 619,421
Limited Income	77,563	\$ -	\$ 3,395	\$ 3,395	\$ 260,582	\$ 263,978
Residential	114,334	\$ 119	\$ 5,005	\$ 5,124	\$ 193,143	\$ 198,267
Totals	1,126,135	\$ 91,221	\$ 49,297	\$ 140,518	\$ 941,147	\$ 1,081,665

Note: Matched Triple-E Report not Workbook.

Jurisdictional allocations by default 70% WA & 30% ID.

Expenditures by Customer Class

	WA	ID	Total
C/I			
Incentives	\$ 341,195	\$ 146,227	\$ 487,422
Labor & Expenses	\$ 63,771	\$ 27,331	\$ 91,102
General	\$ 28,628	\$ 12,269	\$ 40,897
Total	\$ 433,594	\$ 185,826	\$ 619,421
Limited Income			
Incentives	\$ 182,408	\$ 78,175	\$ 260,582
Labor & Expenses	\$ -	\$ -	\$ -
General	\$ 2,377	\$ 1,019	\$ 3,395
Total	\$ 184,784	\$ 79,193	\$ 263,978
Residential			
Incentives	\$ 57,943	\$ 135,200	\$ 193,143
Labor & Expenses	\$ 83	\$ 36	\$ 119
General	\$ 3,504	\$ 1,502	\$ 5,005
Total	\$ 61,530	\$ 136,737	\$ 198,267
Total DSM Incentives	\$ 581,546	\$ 359,601	\$ 941,147
Total DSM Implementation	\$ 98,363	\$ 42,155	\$ 140,518
Total DSM Expenditures	\$ 679,909	\$ 401,757	\$ 1,081,665

Res & LI Triple-E expenditures applied to Schedule 101.

C/I Proportioned to Rate Schedule by 2004 Triple-E Savings.

DSM Expenditures by Rate Schedule		
		2004
Total	101	\$ 598,887
	111/112	\$ 478,855
	121/122	\$ 3,923
WA	101	\$ 311,045
	111/112	\$ 364,940
	121/122	\$ 3,923
ID	101	\$ 287,842
	111/112	\$ 113,915
	121/122	\$ -

**Exhibit C-8 DSM Cost Calculations
2005 Costs**

	savings	Admin	General	Non-Incentiv	Incentive	Total
Commercial/Industrial	869,363	\$ 259,256	\$ 47,621	\$ 306,877	\$ 1,213,566	\$ 1,520,443
Limited Income	115,207	\$ 14,686	\$ 6,311	\$ 20,997	\$ 495,343	\$ 516,340
Residential	176,273	\$ 131,791	\$ 9,656	\$ 141,447	\$ 241,464	\$ 382,911
	1,160,843	\$ 405,733	\$ 63,587	\$ 469,320	\$ 1,950,373	\$ 2,419,693

Savings from Triple E Workbook Table 6 prior to 2004 adjustment

	WA	ID
Commercial/Industrial	772,015	97,348
Limited Income	110,788	4,419
Residential	118,170	58,103
TOTAL therms	940,115	159,870

NOTES:

These savings include derated term savings from the contracted and construction phases.
Energy savings claims made in this table are gas term savings attributable to gas programs.

Res & LI Triple-E expenditures applied to Schedule 101.
C/I Proportioned to Rate Schedule by 2005 Triple-E Savings.

DSM Expenditures	WA	ID	Total
C/I			
Incentives	\$1,077,675	\$135,891	\$1,213,566
Labor & Expenses	\$230,225	\$29,031	\$259,256
General	\$42,288	\$5,332	\$47,621
Total	\$1,350,188	\$170,254	\$1,520,443
Limited Income			
Incentives	\$476,343	\$19,000	\$495,343
Labor & Expenses	\$14,123	\$563	\$14,686
General	\$6,069	\$242	\$6,311
Total	\$496,534	\$19,805	\$516,340
Residential			
Incentives	\$161,873	\$79,591	\$241,464
Labor & Expenses	\$88,350	\$43,441	\$131,791
General	\$6,473	\$3,183	\$9,656
Total	\$256,696	\$126,215	\$382,911
Total DSM Incentives	\$1,715,891	\$234,482	\$1,950,373
Total DSM Implementation	\$387,528	\$81,792	\$469,320
Total DSM Expenditures	\$2,103,419	\$316,274	\$2,419,693

DSM Expenditures by Rate Schedule		
		2005
Total	101	\$ 1,021,839
	111/112	\$ 1,363,616
	121/122	\$ 34,238
WA	101	\$ 820,036
	111/112	\$ 1,249,145
	121/122	\$ 34,238
ID	101	\$ 201,803
	111/112	\$ 114,471
	121/122	\$ -

**Exhibit C-8 DSM Cost Calculations
2006 Costs**

2006 Triple-E Report

	savings	Admin	General	Non-Incentive	Incentive	Total
Commercial/Industrial	695,535	\$ 288,050	\$ 121,822	\$ 409,872	\$ 1,213,031	\$ 1,622,903
Limited Income	78,729	\$ 21,922	\$ 13,789	\$ 35,711	\$ 522,661	\$ 558,372
Residential	382,356	\$ 117,324	\$ 66,969	\$ 184,293	\$ 443,929	\$ 628,222
Total	1,156,620	\$ 427,296	\$ 202,581	\$ 629,877	\$ 2,179,621	\$ 2,809,498

Savings from Triple E Workbook Table 6

	WA	ID
Commercial/Industrial	541,065	154,470
Limited Income	69,438	9,291
Residential	164,750	217,606
TOTAL therms	775,252	381,367

NOTES:

These savings include derated term savings from the contracted and construction phases.
Energy savings claims made in this table are gas term savings attributable to gas programs.

Res & LI Triple-E expenditures applied to Schedule 101.

C/I Proportioned to Rate Schedule by 2006 Triple-E Savings.

DSM Expenditures	WA	ID	Total
C/I			
Incentives	943,630	269,400	\$ 1,213,031
Labor & Expenses	224,077	63,973	\$ 288,050
General	94,767	27,055	\$ 121,822
Total	1,262,475	360,428	\$ 1,622,903
Limited Income			
Incentives	\$ 460,981	\$ 61,680	\$ 522,661
Labor & Expenses	\$ 19,335	\$ 2,587	\$ 21,922
General	\$ 12,162	\$ 1,627	\$ 13,789
Total	\$ 492,477	\$ 65,895	\$ 558,372
Residential			
Incentives	\$ 191,280	\$ 252,648	\$ 443,929
Labor & Expenses	\$ 50,553	\$ 66,771	\$ 117,324
General	\$ 28,856	\$ 38,113	\$ 66,969
Total	\$ 270,689	\$ 357,533	\$ 628,222
Total DSM Incentives	\$ 1,595,891	\$ 583,729	\$ 2,179,621
Total DSM Non-Incentive Expenditures	\$ 429,750	\$ 200,127	\$ 629,877
Total DSM Expenditures	\$ 2,025,641	\$ 783,856	\$ 2,809,498

DSM Expenditures by Rate Schedule		
		2006
Total	101	\$ 1,476,953
	111/112	\$ 1,307,876
	121/122	\$ 24,667
WA	101	\$ 965,424
	111/112	\$ 1,035,550
	121/122	\$ 24,667
ID	101	\$ 511,529
	111/112	\$ 272,327
	121/122	\$ -

**Exhibit C-8 DSM Cost Calculations
2007 Costs**

	savings	Admin	General	Non-Incentive	Incentive	Total
Commercial/Industrial	1,081,570	\$ 486,687	\$ 178,730	\$ 665,417	\$ 1,600,120	\$ 2,265,537
Limited Income	81,342	\$ 27,704	\$ 13,442	\$ 41,146	\$ 460,420	\$ 501,566
Residential	339,282	\$ 190,581	\$ 56,066	\$ 246,647	\$ 614,139	\$ 860,786
	1,502,194	\$ 704,972	\$ 248,238	\$ 953,210	\$ 2,674,679	\$ 3,627,889

Savings from Triple E Workbook Table 6

	WA	ID
Commercial/Industrial	717,510	364,060
Limited Income	70,714	10,628
Residential	248,562	90,720
TOTAL therms	1,036,787	465,408

NOTES:

These savings include derated term savings from the contracted and construction phases.
Energy savings claims made in this table are gas therm savings attributable to gas programs.

Res & LI Triple-E expenditures applied to Schedule 101.
C/I Proportioned to Rate Schedule by 2007 Triple-E Savings.

SM Expenditure	WA	ID	Total
C/I			
Incentives	\$ 1,061,515	\$ 538,605	\$ 1,600,120
Labor & Expen:	\$ 322,867	\$ 163,820	\$ 486,687
General	\$ 118,569	\$ 60,161	\$ 178,730
Total	\$ 1,502,950	\$ 762,587	\$ 2,265,537
Limited Income			
Incentives	\$ 400,262	\$ 60,158	\$ 460,420
Labor & Expen:	\$ 24,084	\$ 3,620	\$ 27,704
General	\$ 11,686	\$ 1,756	\$ 13,442
Total	\$ 436,032	\$ 65,534	\$ 501,566
Residential			
Incentives	\$ 449,926	\$ 164,214	\$ 614,139
Labor & Expen:	\$ 139,622	\$ 50,959	\$ 190,581
General	\$ 41,075	\$ 14,992	\$ 56,066
Total	\$ 630,623	\$ 230,164	\$ 860,786
Total DSM Ince	\$ 1,911,703	\$ 762,976	\$ 2,674,679
Total DSM Non-	\$ 657,902	\$ 295,308	\$ 953,210
Total DSM Exp:	\$ 2,569,606	\$ 1,058,284	\$ 3,627,889

DSM Expenditures by Rate Schedule		
		2007
Total	101	\$ 2,073,990
	111/112	\$ 1,450,403
	121/122	\$ 103,497
WA	101	\$ 1,400,939
	111/112	\$ 1,065,647
	121/122	\$ 103,019
ID	101	\$ 673,051
	111/112	\$ 384,756
	121/122	\$ 477

**Exhibit C-8 DSM Cost Calculations
2008 Costs**

	savings	Admin	General	Non-Incentive	Incentive	Total
Commercial/Industrial	1,036,424	\$ 257,086	\$ 323,791	\$ 580,877	\$ 2,145,013	\$ 2,725,890
Limited Income	102,438	\$ 11,579	\$ 32,003	\$ 43,582	\$ 548,902	\$ 592,484
Residential	749,199	\$ 345,178	\$ 234,059	\$ 579,237	\$ 2,391,349	\$ 2,970,585
	1,888,061	\$ 613,843	\$ 589,853	\$ 1,203,695	\$ 5,085,264	\$ 6,288,959

Savings from Triple E Workbook Table 6

	WA	ID
Commercial/Industrial	630,740	405,684
Limited Income	92,731	9,708
Residential	554,467	194,732
TOTAL therms	1,277,938	610,123

NOTES:

These savings include derated term savings from the contracted and construction phases.
Energy savings claims made in this table are gas therm savings attributable to gas programs.

Res & LI Triple-E expenditures applied to Schedule 101.
C/I Proportioned to Rate Schedule by 2007 Triple-E Savings.

DSM Expenditures	WA	ID	Total
C/I			
Incentives	\$ 1,305,398	\$ 839,615	\$ 2,145,013
Labor & Expenses	\$ 156,455	\$ 100,630	\$ 257,086
General	\$ 197,051	\$ 126,740	\$ 323,791
Total	\$ 1,658,904	\$ 1,066,986	\$ 2,725,890
Limited Income			
Incentives	\$ 496,886	\$ 52,017	\$ 548,902
Labor & Expenses	\$ 10,482	\$ 1,097	\$ 11,579
General	\$ 28,970	\$ 3,033	\$ 32,003
Total	\$ 536,338	\$ 56,147	\$ 592,484
Residential			
Incentives	\$ 1,769,789	\$ 621,559	\$ 2,391,349
Labor & Expenses	\$ 255,459	\$ 89,719	\$ 345,178
General	\$ 173,222	\$ 60,837	\$ 234,059
Total	\$ 2,198,471	\$ 772,115	\$ 2,970,585
Total DSM Incenti	\$ 3,572,073	\$ 1,513,191	\$ 5,085,264
Total DSM Non-Inc	\$ 821,639	\$ 382,056	\$ 1,203,695
Total DSM Expenc	\$ 4,393,712	\$ 1,895,247	\$ 6,288,959

DSM Expenditures by Rate Schedule		
		2008
Total	101	\$ 4,286,887
	111/112	\$ 1,856,023
	121/122	\$ 146,049
WA	101	\$ 3,213,344
	111/112	\$ 1,163,619
	121/122	\$ 16,749
ID	101	\$ 1,073,542
	111/112	\$ 692,404
	121/122	\$ 129,300

Exhibit C-9 Avoided Cost Calculations

		2003 IRP		2006 IRP		2007 IRP		2007 IRP					
		Annual nominal avoided cost (\$/th)	Winter nominal avoided cost (\$/th)	Annual nominal avoided cost (\$/Dth)	Winter nominal avoided cost (\$/Dth)	Annual nominal avoided cost (\$/th)	Winter nominal avoided cost (\$/th)	Annual real avoided cost (2007 \$/Dth)	Winter real avoided cost (2007 \$/Dth)	GDP deflator	GDP index (2007=100)	Annual nominal avoided cost (\$/th)	Winter nominal avoided cost (\$/th)
Year (Nov 1 to Oct 31)													
02/03		0.359	0.394										
03/04		0.393	0.444										
04/05		0.401	0.458										
05/06		0.406	0.463										
06/07		0.415	0.472	5.99	6.82	0.599	0.682						
07/08		0.425	0.483	5.67	6.45	0.567	0.645	7.29	7.86	1.89%	100.00	0.729	0.786
08/09		0.433	0.494	5.17	5.88	0.517	0.588	6.94	7.81	1.99%	101.89	0.681	0.767
09/10		0.441	0.502	5.00	5.70	0.500	0.570	6.47	7.29	2.07%	103.92	0.623	0.702
10/11		0.447	0.511	5.00	5.70	0.500	0.570	6.12	6.75	2.01%	106.07	0.577	0.636
11/12		0.454	0.519	5.17	5.88	0.517	0.588	5.80	6.34	1.98%	108.20	0.536	0.586
12/13		0.462	0.528	5.33	6.06	0.533	0.606	5.51	6.13	2.01%	110.34	0.499	0.556
13/14		0.471	0.538	5.49	6.25	0.549	0.625	5.65	6.16	1.97%	112.56	0.502	0.547
14/15		0.481	0.550	5.63	6.40	0.563	0.640	5.78	6.34	1.88%	114.78	0.504	0.552
15/16		0.493	0.562	5.95	6.78	0.595	0.678	5.93	6.47	1.85%	116.94	0.507	0.553
16/17		0.505	0.576	6.40	7.29	0.640	0.729	5.86	6.50	1.85%	119.10	0.492	0.546
17/18		0.517	0.590	6.74	7.66	0.674	0.766	5.86	6.53	1.88%	121.30	0.483	0.538
18/19		0.532	0.606	7.07	8.05	0.707	0.805	6.05	6.63	1.92%	123.58	0.490	0.536
19/20		0.547	0.623	7.41	8.43	0.741	0.843	6.20	6.80	1.95%	125.96	0.492	0.540
20/21		0.564	0.642	7.57	8.61	0.757	0.861	6.32	6.95	1.92%	128.41	0.492	0.541
21/22		0.582	0.663	7.73	8.80	0.773	0.880	6.47	7.09	1.96%	130.88	0.494	0.542
22/23		0.602	0.684	7.90	9.00	0.790	0.900	6.57	7.19	1.97%	133.44	0.492	0.539
23/24		0.623	0.708	8.08	9.19	0.808	0.919	6.69	7.31	1.99%	136.07	0.492	0.537
24/25		0.645	0.733	8.25	9.39	0.825	0.939	6.81	7.44	2.00%	138.78	0.491	0.536
25/26		0.669	0.760	8.25	9.39	0.825	0.939	6.93	7.57	1.99%	141.56	0.490	0.535
26/27		0.694	0.788					7.04	7.69	2.02%	144.37	0.488	0.533
27/28		0.720	0.816										
28/29		0.747	0.846										
29/30		0.774	0.877										
30/31		0.803	0.909										
31/32		0.833	0.942										
07/08 Values		\$ 0.425	\$ 0.483			\$ 0.567	\$ 0.645					\$ 0.729	\$ 0.786
07/08 to 16/17 totals		\$ 4.61	\$ 5.26			\$ 5.48	\$ 6.24					\$ 5.65	\$ 6.23

(10-year total)

Increases

		2003 IRP	2006 IRP	2007 IRP
1-Year	Winter	\$ 48.30	\$ 64.50	\$78.60
2007-2008	Annual	\$ 42.50	\$ 56.70	\$72.90
10-Year	Winter	\$ 526.30	\$ 623.90	\$623.06
Total	Annual	\$ 461.20	\$ 548.10	\$564.98

	2003-2006	2003-2007	2006-2007
	34%	63%	22%
	33%	72%	29%
	19%	18%	0%
	19%	23%	3%

Exhibit D-1 Decoupling Quarterly Reports

AVISTA UTILITIES
Washington - Gas
Approved Decoupling Mechanism
2007 compared to 2004 Test Year
Adjusted for Actual New Customer Usage
1st Year Pilot Period Jan - Jun 2007

	<u>2007</u> <u>January</u>	<u>2007</u> <u>February</u>	<u>2007</u> <u>March</u>	<u>2007</u> <u>April</u>	<u>2007</u> <u>May</u>	<u>2007</u> <u>June</u>	<u>YTD Total</u>
2007 Actual							
Schedule 101							
Schedule 101 Billed Therms	21,292,599	21,234,566	14,472,322	9,724,124	6,113,562	3,664,833	76,502,006
Deduct New Customer Usage(1)	(1,620,408)	(1,565,117)	(1,001,608)	(706,395)	(412,954)	(269,857)	(5,576,339)
Deduct Prior Month Unbilled Therms	(11,318,911)	(12,417,092)	(8,476,763)	(6,557,935)	(5,501,940)	(2,947,283)	(47,219,925)
Add Current Month Unbilled Therms	12,417,092	8,476,763	6,557,935	5,501,940	2,947,283	1,688,657	37,589,672
Add Weather Adjustment	(1,160,271)	817,052	1,664,981	141,329	1,068,395	204,307	2,735,794
Weather Adj Calendar Therms	19,610,101	16,546,172	13,216,866	8,103,064	4,214,346	2,340,657	64,031,207
Weather Adj Calendar Therms	19,610,101	16,546,172	13,216,866	8,103,064	4,214,346	2,340,657	64,031,207
Less Test Year Therms	20,224,840	16,393,846	14,157,246	8,557,146	4,587,478	1,965,936	65,886,492
Therm Difference	(614,739)	152,327	(940,379)	(454,083)	(373,132)	374,721	(1,855,285)
Times Current Margin Rate per Therm	0.20595	0.20595	0.20595	0.20595	0.20595	0.20595	0.20595
Revenue Excess (Shortfall)	(\$126,606)	\$31,372	(\$193,671)	(\$93,518)	(\$76,847)	\$77,174	(\$382,096)
90% Limitation	90%	90%	90%	90%	90%	90%	90%
Deferred Revenue Account Entry 407328 or (407428)	(\$113,945)	\$28,235	(\$174,304)	(\$84,166)	(\$69,162)	\$69,456	(\$343,886)

(1) Per monthly reports - current month usage for new services opened since that month of the test year (2004)

Unbilled Calculation

	<u>Dec-06</u>	<u>Jan-07</u>	<u>Feb-07</u>	<u>Mar-07</u>	<u>Apr-07</u>	<u>May-07</u>	<u>Jun-07</u>		
Unbilled DDH	689.9	760.6	508.0	386.3	317.6	154.9	75.2		
Unbilled Factor	62.23%	59.45%	59.81%	59.25%	62.20%	62.08%	61.25%		
Sch. 101	<u>2004 Baseload</u>	<u>Sensitivity</u>							
Res 101	7	0.11	9,458,811	10,370,671	7,098,803	5,512,301	4,643,528	2,527,125	1,484,646
Com 101	0	0.249	1,832,603	2,016,429	1,358,145	1,030,566	846,024	414,050	201,142
Ind 101	0	0.424	27,497	29,992	19,816	15,069	12,389	6,108	2,870
			11,318,911	12,417,092	8,476,763	6,557,935	5,501,940	2,947,283	1,688,657

Weather Adjustment Calculation

	<u>Jan-07</u>	<u>Feb-07</u>	<u>Mar-07</u>	<u>Apr-07</u>	<u>May-07</u>	<u>Jun-07</u>	<u>YTD Total</u>
Normal DDH	1,169	916	790	557	338	149	3,919
Actual DDH	1,243	864	684	548	270	136	3,745
Normal - Actual DDH	(74)	52	106	9	68	13	174

Sch. 101	<u>2004 Baseload</u>	<u>Sensitivity</u>							
Res 101	7	0.11	(961,171)	676,001	1,378,060	117,004	883,949	169,039	2,262,882
Com 101	0	0.249	(196,182)	139,023	282,785	23,974	181,765	34,772	466,137
Ind 101	0	0.424	(2,918)	2,028	4,135	351	2,681	496	6,774
			(1,160,271)	817,052	1,664,981	141,329	1,068,395	204,307	2,735,794

Test Year Number of Customers by Class	<u>Dec-03</u>	<u>Jan-04</u>	<u>Feb-04</u>	<u>Mar-04</u>	<u>Apr-04</u>	<u>May-04</u>	<u>Jun-04</u>
101							
01 RESIDENTIAL	117,874	118,080	118,182	118,187	118,186	118,175	118,209
21 FIRM COMMERCIAL	10,668	10,647	10,737	10,714	10,698	10,735	10,742
31 FIRM-MISCELLANEOUS INDL	94	93	92	92	92	93	90
80 INTERDEPARTMENT REVENUE	20	20	20	20	20	20	20
Total 101	128,636	128,840	129,031	129,013	128,996	129,023	129,061

Exhibit D-1 Decoupling Quarterly Reports

AVISTA UTILITIES
Washington - Gas
Approved Decoupling Mechanism
2007 compared to 2004 Test Year
2008 compared to 2006 Test Year
Adjusted for Actual New Customer Usage
2nd Year Pilot Period July 2007 - June 2008

	<u>2007 July</u>	<u>2007 August</u>	<u>2007 September</u>	<u>2007 October</u>	<u>2007 November</u>	<u>2007 December</u>
12 Months Ended June 2006 Actual						
Schedule 101						
Schedule 101 Billed Therms	2,462,636	2,010,203	2,332,936	4,484,817	9,398,517	18,392,852
Deduct New Customer Usage(1)	(180,683)	(141,329)	(161,990)	(277,602)	(613,037)	(1,548,327)
Deduct Prior Month Unbilled Therms	(1,688,657)	(512,729)	(861,827)	(3,069,728)	(6,526,099)	(10,839,346)
Add Current Month Unbilled Therms	512,729	861,827	3,069,728	6,526,099	10,839,346	11,778,585
Add Weather Adjustment	692,582	236,742	31,659	15,894	47,991	673,724
Weather Adj Calendar Therms	1,798,607	2,454,713	4,410,505	7,679,480	13,146,718	18,457,489
Weather Adj Calendar Therms	1,798,607	2,454,713	4,410,505	7,679,480	13,146,718	18,457,489
Less Test Year Therms	1,992,869	2,626,004	3,962,139	9,013,668	14,551,772	19,133,174
Therm Difference	(194,262)	(171,291)	448,366	(1,334,188)	(1,405,054)	(675,685)
Times Current Margin Rate per Therm (2)	0.19822	0.19822	0.19822	0.19822	0.19822	0.19822
Revenue Excess (Shortfall)	(\$38,507)	(\$33,953)	\$88,875	(\$264,463)	(\$278,510)	(\$133,934)
90% Limitation	90%	90%	90%	90%	90%	90%
Deferred Revenue Account Entry	(\$34,656)	(\$30,558)	\$79,988	(\$238,016)	(\$250,659)	(\$120,541)
	407328 or (407428)					
	Revised Oct (2)	Revised Oct (2)	Revised Oct (2)			
Original Journal Entries	(36,007)	(31,750)	83,107			
Correction July through September	1,351	1,192	(3,119)	(576)		

(1) Per monthly reports - current month usage for new services opened since that month of the test year (2004 for July through December, 2006 for January through June)

(2) Revised Margin Rate per Therm corrected in October per agreement with Staff and Public Counsel in Docket No. UG-071863, margin rate January through June from UG-070805 is exclusive of incremental revenue related cost items.

	UG-070805 Margin Rate
Sch 101 Base Rate/therm	\$1.12076
Times: 1 minus Revenue Related Items	0.956922
Revenue prior to gross up	\$1.07248
Less: Weighted Average Gas Cost/therm	(\$0.85500)
Margin Rate/therm	\$0.21748

2006 Test Year

Weather Normalization

	<u>Jan-08</u>	<u>Feb-08</u>	<u>Mar-08</u>	<u>Apr-08</u>	<u>May-08</u>	<u>Jun-08</u>
Normal DDH	1,169	945	790	557	338	149
Actual DDH	1,243	952	880	683	274	176
Degree Day Adjustment	(74)	(7)	(90)	(126)	64	(27)
	<u>Monthly</u>					
Res 101	Use/DD/Cust(1)	0.101	0.101	0.101	0.090	0.090
Com 101	Use/DD/Cust(1)	0.243	0.243	0.243	0.169	0.169
Ind 101	Use/DD/Cust(1)	0.422	0.422	0.422	0.306	0.306

Sch. 101

Res 101	(927,934)	(87,884)	(1,130,678)	(1,410,719)	717,708	(302,190)
Com 101	(202,100)	(19,186)	(246,890)	(239,770)	121,410	(51,320)
Ind 101	(2,935)	(272)	(3,456)	(3,509)	1,723	(752)
Total 101	(1,132,969)	(107,342)	(1,381,024)	(1,653,998)	840,841	(354,262)

Monthly Unbilled Calculation

	<u>Dec-07</u>	<u>Jan-08</u>	<u>Feb-08</u>	<u>Mar-08</u>	<u>Apr-08</u>	<u>May-08</u>
Unbilled DDH	702.2	756.7	554.3	549.0	424.2	140.1
Unbilled Factor	61.00%	57.91%	59.90%	61.32%	64.25%	63.61%
	<u>06 Baseld(1) Monthly</u>					
Res 101	15	DD/Cust(1)	0.1005	0.1005	0.1005	0.0951
Com 101	12	DD/Cust(1)	0.2427	0.2427	0.2427	0.2058
Ind 101	0	DD/Cust(1)	0.4222	0.4222	0.4222	0.3639

Sch. 101

Res 101	9,874,335	10,520,255	8,041,622	7,634,930	5,927,235	2,753,014
Com 101	2,005,485	2,142,157	1,598,421	1,358,238	893,087	351,142
Ind 101	27,275	30,031	21,530	18,178	11,793	3,766
Total	11,907,095	12,692,443	9,661,573	9,011,346	6,832,115	3,107,922

Revenue Run Customers (Meters Billed)

	<u>Dec-05</u>	<u>Jan-06</u>	<u>Feb-06</u>	<u>Mar-06</u>	<u>Apr-06</u>	<u>May-06</u>	<u>Jun-06</u>
Residential 101	123,861	124,155	124,306	124,387	124,402	124,602	124,358
Commercial 101	11,283	11,239	11,279	11,289	11,260	11,225	11,247
Industrial 101	92	94	92	91	91	88	91
Interdepartmental 101	80	22	22	22	22	23	23
Total	135,510	135,699	135,789	135,775	135,938	135,938	135,719

Exhibit D-1 Decoupling Quarterly Reports

AVISTA UTILITIES

Washington - Gas

Approved Decoupling Mechanism

2007 compared to 2004 Test Year

2008 compared to 2006 Test Year

Adjusted for Actual New Customer Usage

2nd Year Pilot Period July 2007 - June 2008

	New Base Rates January 1, 2008							Period to Date Total
	2008 January	2008 February	2008 March	2008 April	2008 May	2008 June		
12 Months Ended June 2006 Actual								
Schedule 101								
Schedule 101 Billed Therms	20,755,627	22,514,347	14,859,076	13,629,159	8,714,627	4,232,714	123,787,511	
Deduct New Customer Usage(1)	(840,804)	(933,547)	(590,323)	(544,390)	(304,416)	(134,597)	(6,271,045)	
Deduct Prior Month Unbilled Therms	(11,907,095)	(12,692,443)	(9,661,573)	(9,011,346)	(6,832,115)	(3,107,922)	(76,710,880)	
Add Current Month Unbilled Therms	12,692,443	9,661,573	9,011,346	6,832,115	3,107,922	1,731,459	76,625,172	
Add Weather Adjustment	(1,132,969)	(107,342)	(1,381,024)	(1,653,998)	840,841	(354,262)	(2,090,162)	
Weather Adj Calendar Therms	19,567,202	18,442,588	12,237,502	9,251,540	5,526,859	2,367,392	115,340,596	
Weather Adj Calendar Therms	19,567,202	18,442,588	12,237,502	9,251,540	5,526,859	2,367,392	115,340,596	
Less Test Year Therms	20,193,658	16,744,930	14,101,624	9,347,535	5,032,140	2,400,167	119,099,680	
Therm Difference	(626,456)	1,697,658	(1,864,122)	(95,995)	494,719	(32,775)	(3,759,085)	
Times Current Margin Rate per Therm (2)	0.21748	0.21748	0.21748	0.21748	0.21748	0.21748		
Revenue Excess (Shortfall)	(\$136,242)	\$369,207	(\$405,409)	(\$20,877)	\$107,591	(\$7,128)	(\$753,349)	
90% Limitation	90%	90%	90%	90%	90%	90%		
Deferred Revenue Account Entry	(\$122,617)	\$332,286	(\$364,868)	(\$18,789)	\$96,832	(\$6,415)	(\$678,014)	

Original Journal Entries

Correction July through September

(1) Per monthly reports - current month usage June

(2) Revised Margin Rate per Therm corrected UG-070805 is exclusive of incremental revenue

2006 Test Year

Weather Normalization

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Total
Normal DDH	44	42	196	554	897	1,168	6,849
Actual DDH	44	42	196	554	897	1,168	7,109
Degree Day Adjustment	-	-	-	-	-	-	(260)
Res 101	0.000	0.000	0.000	0.090	0.090	0.101	
Com 101	0.000	0.000	0.000	0.169	0.169	0.243	
Ind 101	0.000	0.000	0.000	0.306	0.306	0.422	

Sch. 101

Res 101	-	-	-	-	-	-	(3,141,697)
Com 101	-	-	-	-	-	-	(637,856)
Ind 101	-	-	-	-	-	-	(9,201)
Total 101	-	-	-	-	-	-	(3,788,754)

Monthly Unbilled Calculation

	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08
Unbilled DDH	71.2	-	-	-	-	-	-
Unbilled Factor	63.30%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Res 101	0.0448	0.0000	0.0000	0.0448	0.0896	0.0951	0.1005
Com 101	0.0844	0.0000	0.0000	0.0844	0.1688	0.2058	0.2427
Ind 101	0.1528	0.0000	0.0000	0.1528	0.3055	0.3639	0.4222

Sch. 101

Res 101	1,577,451	-	-	-	-	-	-
Com 101	153,018	-	-	-	-	-	-
Ind 101	990	-	-	-	-	-	-
Total	1,731,459	-	-	-	-	-	-

Revenue Run Customers (Meters Billed)

	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	2006 Total
Residential 101	124,482	124,715	125,061	125,868	126,533	127,078	1,499,947
Commercial 101	11,226	11,300	11,291	11,323	11,388	11,474	135,541
Industrial 101	91	90	91	88	92	93	1,092
Interdepartmental 101	23	23	23	23	23	22	271
Total	135,822	136,128	136,466	137,302	138,036	138,667	1,636,851

AVISTA UTILITIES
Washington - Gas
Approved Decoupling Mechanism
2008/2009 with 2008 compared to 2006 Test Year
Adjusted for Actual New Customer Usage
3rd Year Pilot Period July 2008 - June 2009

Exhibit D-1 Decoupling Quarterly Reports
Docket No. UG-060518
Quarterly Report for 4th Quarter 2008

	2008 <u>July</u>	2008 <u>August</u>	2008 <u>September</u>	2008 <u>October</u>	2008 <u>November</u>	2008 <u>December</u>	Period to Date <u>Total</u>
12 Months Ended June 2009 Actual							
Schedule 101							
Schedule 101 Billed Therms	2,763,613	2,223,233	2,487,966	3,933,329	8,603,159	15,345,278	35,356,578
Deduct New Customer Usage(1)	(82,104)	(66,736)	(78,849)	(127,362)	(276,318)	(599,812)	(1,231,181)
Deduct Prior Month Unbilled Therms	(1,731,459)	(1,267,630)	(1,309,729)	(1,930,178)	(6,206,433)	(9,576,840)	(38,277,973)
Add Current Month Unbilled Therms	1,267,630	1,309,729	1,930,178	6,206,433	9,576,840	16,255,704	36,546,514
Add Weather Adjustment	-	-	-	331,716	1,494,158	(2,505,968)	(680,094)
Weather Adj Calendar Therms	2,217,680	2,198,596	3,029,566	8,413,938	13,191,406	18,918,362	31,713,844
Weather Adj Calendar Therms	2,217,680	2,198,596	3,029,566	8,413,938	13,191,406	18,918,362	31,713,844
Less Test Year Therms	1,983,193	2,049,321	3,228,950	8,830,784	14,228,112	20,663,191	50,983,551
Therm Difference	234,487	149,275	(199,384)	(416,846)	(1,036,706)	(1,744,829)	(3,014,003)
Times Current Margin Rate per Therm (2)	0.21748	0.21748	0.21748	0.21748	0.21748	0.21748	0.21748
Revenue Excess (Shortfall)	\$50,996	\$32,464	(\$43,362)	(\$90,656)	(\$225,463)	(\$379,465)	(\$655,485)
90% Limitation	90%	90%	90%	90%	90%	90%	90%
Deferred Revenue Account Entry 407328 or (407428)	\$45,897	\$29,218	(\$39,026)	(\$81,590)	(\$202,917)	(\$341,519)	(\$589,937)

(1) Per monthly reports - current month usage for new services opened since that month of the 2006 test year

(2) Margin Rate per Therm from UG-070805 is exclusive of incremental revenue related cost items.

2006 Test Year
Weather Normalization

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Total
Normal DDH	44	42	196	554	897	1,168	6,849
Actual DDH	8	52	142	529	785	1,328	6,792
Degree Day Adjustment	36	(10)	54	25	112	(160)	-
	<u>Monthly</u>						
Res 101	Use/DD/Cust(1)	0.000	0.000	0.090	0.090	0.101	
Com 101	Use/DD/Cust(1)	0.000	0.000	0.169	0.169	0.243	
Ind 101	Use/DD/Cust(1)	0.000	0.000	0.306	0.306	0.422	

Sch. 101							
Res 101	-	-	-	283,203	1,275,453	(2,053,580)	-
Com 101	-	-	-	47,840	215,552	(446,109)	-
Ind 101	-	-	-	673	3,153	(6,279)	-
Total 101	-	-	-	331,716	1,494,158	(2,505,968)	-

Monthly Unbilled Calculation

	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Jun-09
Unbilled DDH	71.2	4.7	45.3	101.5	369.6	567.2	-
Unbilled Factor	63.30%	63.32%	65.28%	62.81%	65.31%	69.16%	0.00%
	<u>06 Baseld(1) Monthly</u>						
Res 101	15	/DD/Cust(1)	0.0448	0.0000	0.0448	0.0896	0.0951
Com 101	12	/DD/Cust(1)	0.0844	0.0000	0.0844	0.1688	0.2058
Ind 101	0	/DD/Cust(1)	0.1528	0.0000	0.1528	0.3055	0.1528

Sch. 101							
Res 101	1,577,451	1,182,330	1,221,209	1,746,939	5,401,331	8,134,346	-
Com 101	153,018	85,300	88,520	181,828	795,166	1,423,507	-
Ind 101	990	-	-	1,411	9,936	18,987	-
Total	1,731,459	1,267,630	1,309,729	1,930,178	6,206,433	9,576,840	-

Revenue Run Customers (Meters Billed)

Class	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	2006 Total
Residential 1	123,861	124,155	124,306	124,387	124,402	124,602	124,358	1,499,947
Commercial	21	11,283	11,239	11,279	11,289	11,260	11,247	135,541
Industrial 10	31	92	92	91	91	88	91	1,092
Interdepartm	80	22	22	22	22	23	23	271
Total		135,510	135,699	135,789	135,775	135,938	135,719	1,636,851

Avista Corp.
1411 East Mission PO Box 3727
Spokane, Washington 99220-3727
Telephone 509-489-0500
Toll Free 800-727-9170



September 14, 2007

State of Washington
Washington Utilities & Transportation Commission
1300 S. Evergreen Park Drive
Olympia, Washington 98504-8002

Attention: Ms. Carole Washburn, Executive Secretary

RE: WN U-29 – Natural Gas Service
Avista's Proposed Natural Gas Decoupling Rate Adjustment

Enclosed for filing with the Commission is a copy of the following proposed tariff sheets:

Original Sheet 159
Original Sheet 159A
Original Sheet 159B

These tariff sheets reflect a proposed Natural Gas Decoupling Rate Adjustment, filed in compliance with the Commission's Order No. 04 in Docket No. UG-060518. This Order approved a natural gas decoupling mechanism for Avista for a three-year pilot period. The decoupling mechanism allows the Company to defer 90% of the margin lost due to lower customer gas usage since the Company's last general case, and file a tariff to recover up to the total deferred amount through a surcharge under the proposed tariff. These tariff sheets reflect a surcharge of 0.269 cents per therm, or an increase of 0.22%, applicable to natural gas customers taking service under rate Schedule 101. These tariff sheets are proposed to become effective November 1, 2007.

The proposed surcharge rate of 0.269 cents per therm is designed to recover \$305,677 from the Company's residential and small commercial natural gas customers served under rate Schedule 101. The amount of \$305,677 represents 80% of the lost margin amount of \$382,096 calculated for the period January – June. During this period, the Company recorded deferred revenue of \$343,886, representing 90% of the lost margin, which is the maximum level that the Company can potentially recover. However, based on the results of an independent DSM verification, the Company did not meet its DSM target for 2006. Based on the results of the audit, the Company achieved 99.1% of the target, resulting in an allowable recovery level of 80% of the lost margin for the period, as shown in the table on sheet 159A of the proposed tariff. A summary of the

independent verification results are provided as Exhibit 5 and the full audit report is provided as Attachment A.

The workpapers supporting the lost margin and deferred revenue are provided in Exhibit 1. The proposed rate is designed to recover \$305,677, plus accrued interest on the unrecovered balance, over the twelve-month period November 1, 2007 through October 31, 2008. If the proposed surcharge is approved by the Commission, the deferred amount of \$305,677 will be transferred to a balancing account, and will begin accruing interest in November at the quarterly rate published by the FERC (8.25% effective July 1; new rate will be effective October 1). The balance in the account will be reduced each month by the revenue collected under the tariff. The remaining deferred revenue balance of \$38,209 (\$343,886 less \$305,677) will be expensed by the Company. Exhibit 2 shows the derivation of the proposed surcharge rate to recover \$305,677 plus interest, based on projected sales volumes for Schedule 101 customers during the surcharge/amortization period.

2% Surcharge Limitation

One of the conditions of the decoupling rate adjustment is that the surcharge cannot exceed a rate increase of 2%. The proposed surcharge of \$0.269 per therm represents an increase of 0.22% for Schedule 101 customers, based on weather-normalized revenue for the period July 2006-June 2007. The workpapers supporting this information are provided as Exhibit 3.

Earnings Test

Another condition of the rate adjustment is that the rate of return for the Company's Washington gas operations not exceed the level authorized by the Commission. This "test" is based on the Commission Basis Report filed by the Company each spring for the prior calendar year. If the Company's actual rate of return exceeds the authorized level, then the amount of the surcharge is reduced, as described on Schedule 159A of the proposed tariff. Attached as Exhibit 4 is the Company's Gas Commission Basis Report for 2006, filed by letter dated April 27, 2007. As shown in the report, the rate of return for 2006 (including restating adjustments) was 7.81% compared to the present authorized level of 9.11%. Therefore, there is no adjustment to the deferred revenue as a result of the earnings test.

DSM Test

The DSM test is based on the Company's actual level of completed programmatic gas DSM savings (verified by independent audit) for the prior calendar year compared to its targeted level of savings set forth in its most recently acknowledged Integrated Resource Plan (IRP). The Company files its IRP every two years, and the DSM savings target used in this surcharge filing, as well as the target to be used for evaluating calendar year 2007 DSM activity, is based on the level of savings set forth in its acknowledged 2006 IRP. That target level of annual DSM savings is 1,062,000 therms for calendar years 2006 and 2007. For this filing, the actual level of verified savings for calendar year 2006 is compared to the target level. If the Company's actual level of DSM savings is less than

the target, then the amount of the surcharge is reduced, as shown on Schedule 159A of the proposed tariff.

In order to verify the Company's reported level of DSM savings for decoupling, the Company retains an independent third party to verify the results. The Company retained the consulting firm of Research Into Action, Inc. to verify its 2006 results for this filing. A summary of the audit results is provided in Exhibit 5, and the full report is provided as Attachment A. As shown on page 1 of Exhibit 5, the verified level of DSM savings for 2006 is 1,052,390 therms, which is 99.1% of the target level of 1,062,000 therms. Therefore, only 80% of the lost margin for the January – June 2007 period is recoverable, as shown in the table on sheet 159A of the proposed tariff.

Regarding future deferrals, the Company has a natural gas general filing pending before the Commission, Docket No. UG-070805. Upon the effective date of new rates resulting from that filing, the Company will begin using the revised test year usage (2006) and the margin associated with the new rates to calculate the monthly decoupling deferral.

The decoupling rate adjustment is proposed to become effective November 1, simultaneous with the Company's proposed Purchase Gas Adjustment (PGA). Notice to customers regarding the proposed decoupling rate adjustment, as well as the proposed PGA adjustment, will be provided in a bill insert.

If you have any questions regarding this filing, please call Brian Hirschhorn at 509-495-4723.

Sincerely,



Kelly O. Norwood, Vice President
State & Federal Regulation

Enc.

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that I have this day served Avista Utilities', a division of Avista Corp, Proposed Natural Gas Decoupling Rate Adjustment, upon the parties listed below by mailing a copy thereof, postage prepaid and by electronic mail or CD.

Nancy Hirsh
The Northwest Energy Coalition
219 1st Avenue South, Suite 100
Seattle, WA 98104

Ms. Paula Pyron
Executive Director
Northwest Industrial Gas Users
4113 Wolfberry Court
Lake Oswego, OR 97035

Simon ffitch
Office of the Attorney General
Public Counsel Section
800 Fifth Avenue, Suite 2000
Seattle, WA 98104-3188

Doug Kilpatrick
Washington Utilities & Trans. Comm.
1300 S. Evergreen Park Dr. SW
Olympia, WA 98504-7250

I declare under penalty of perjury that the foregoing is true and correct.

Dated at Spokane, Washington this 14th day of September 2007.



Patty Olgness
Rates Coordinator

EXHIBIT 1

LOST MARGIN / DEFERRED REVENUE CALCULATION

JANUARY – JUNE 2007

AVISTA UTILITIES
 Washington - Gas
 Approved Decoupling Mechanism
 2007 compared to 2004 Test Year
 Adjusted for Actual New Customer Usage
 1st Year Pilot Period Jan - Jun 2007

	2007 January	2007 February	2007 March	2007 April	2007 May	2007 June	YTD Total
2007 Actual							
Schedule 101							
Schedule 101 Billed Therms	21,292,599	21,234,566	14,472,322	9,724,124	6,113,562	3,664,833	76,502,006
Deduct New Customer Usage(1)	(1,620,408)	(1,565,117)	(1,001,608)	(706,395)	(412,954)	(269,857)	(5,576,339)
Deduct Prior Month Unbilled Therms	(11,318,911)	(12,417,092)	(8,476,763)	(6,557,935)	(5,501,940)	(2,947,283)	(47,219,925)
Add Current Month Unbilled Therms	12,417,092	8,476,763	6,557,935	5,501,940	2,947,283	1,688,657	37,589,672
Add Weather Adjustment	(1,160,271)	817,052	1,664,981	141,329	1,068,395	204,307	2,735,794
Weather Adj Calendar Therms	19,610,101	16,546,172	13,216,866	8,103,064	4,214,346	2,340,657	64,031,207
Weather Adj Calendar Therms	19,610,101	16,546,172	13,216,866	8,103,064	4,214,346	2,340,657	64,031,207
Less Test Year Therms	20,224,840	16,393,846	14,157,246	8,557,146	4,587,478	1,965,936	65,886,492
Therm Difference	(614,739)	152,327	(940,379)	(454,083)	(373,132)	374,721	(1,855,285)
Times Current Margin Rate per Therm	0.20585	0.20595	0.20595	0.20595	0.20595	0.20595	0.20595
Revenue Excess (Shortfall)	(\$126,606)	\$31,372	(\$193,671)	(\$93,518)	(\$76,847)	\$77,174	(\$382,096)
90% Limitation	90%	90%	90%	90%	90%	90%	90%
Deferred Revenue Account Entry	(\$113,945)	\$28,235	(\$174,304)	(\$84,166)	(\$69,162)	\$69,456	(\$343,886)
407328 or (407428)							

(1) Per monthly reports - current month usage for new services opened since that month of the test year (2004)

	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	YTD Total
Unbilled Calculation								
Unbilled DDH	689.9	760.6	508.0	386.3	317.6	154.9	75.2	3,919
Unbilled Factor	62.23%	59.45%	59.81%	59.25%	62.20%	62.08%	61.25%	
Sch. 101								
2004 Baseload	9,458,811	10,370,671	7,098,803	5,512,301	4,643,528	2,527,125	1,484,646	
Sensitivity	0.11	0.249	0	0	0	0	0	
Res 101	1,832,603	2,016,429	1,358,145	1,030,566	846,024	414,050	201,142	
Com 101	27,497	29,992	19,816	15,069	12,389	6,108	2,870	
Ind 101	11,318,911	12,417,092	8,476,763	6,557,935	5,501,940	2,947,283	1,688,657	

	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	YTD Total
Weather Adjustment Calculation							
Normal DDH	1,169	790	557	338	149	136	3,745
Actual DDH	1,243	864	684	548	270	136	3,745
Normal - Actual DDH	(74)	52	106	9	68	13	174

	Dec-03	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	YTD Total
2004 Baseload								
Sch. 101								
7	961,171	676,001	1,378,060	117,004	883,949	169,039	2,262,882	
Res 101	117,874	118,080	118,182	118,187	118,175	118,175	118,209	
Com 101	(196,182)	139,023	282,785	23,974	181,765	34,772	466,137	
Ind 101	(2,918)	2,028	4,135	351	2,681	496	6,774	
Total	(1,160,271)	817,052	1,664,981	141,329	1,068,395	204,307	2,735,794	

Test Year Number of Customers by Class	Dec-03	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	YTD Total
101	117,874	118,080	118,182	118,187	118,175	118,175	118,209	
01 RESIDENTIAL	10,668	10,647	10,737	10,714	10,698	10,735	10,742	
21 FIRM COMMERCIAL	94	93	92	92	92	93	90	
31 FIRM-MISCELLANEOUS INDI		20	20	20	20	20	20	
80 INTERDEPARTMENT REVENUE	128,636	128,840	129,031	129,013	128,996	129,023	129,061	
Total 101	128,636	128,840	129,031	129,013	128,996	129,023	129,061	

file: WA Decoupling Pilot Calc.xls / 2007

EXH 1
 E-302
 PAGE 1

EXHIBIT 2

CALCULATION OF PROPOSED DECOUPLING SURCHARGE RATE

EFFECTIVE NOVEMBER 1, 2007

Exhibit D-2-1 UG-071863
Avista Utilities
Calculation of Decoupling Surcharge/Amortization Rate
Effective Nov. 1, 2007 - Oct. 1, 2008

	Deferral <u>Balance(1)</u>	<u>Interest(2)</u>	<u>Forecast Sch. 101 Use</u>
\$	0.00250	8.25%(3)	
Nov '07	\$305,677		14,543,100
Dec '07	\$269,901	\$1,979	21,654,226
Jan '08	\$216,632	\$1,672	22,123,639
Feb '08	\$162,207	\$1,302	18,392,970
Mar '08	\$116,961	\$960	13,577,745
Apr '08	\$83,559	\$689	7,525,594
May '08	\$65,047	\$511	5,719,850
Jun '08	\$50,976	\$399	3,523,371
Jul '08	\$42,308	\$321	2,239,105
Aug '08	\$36,800	\$272	2,436,386
Sep '08	\$30,806	\$232	3,497,694
Oct '08	\$22,202	\$182	<u>7,025,553</u>
Nov '08	\$4,919	\$93	
Total		\$8,612	122,259,233
Incremental Rate to Recover Est. Interest		\$0.00007	
Est. Rate to Recover Deferral Balance		<u>\$0.00250</u>	
Rate before Gross-up for Revenue-related items		\$0.00257	
Times: Gross-up for Revenue-related items(4)		<u>1.04544</u>	
Proposed decoupling rate		<u>0.00269</u>	

(1)Deferral balance at beginning of the month / Rate of \$0.00250 is rate to recover deferral balance over 12 months

(2)Interest computed on average balance between beginning and end of month

(3)FERC rate @ July '07 - changes quarterly

(4)From page 2 of Exh. 2

Exhibit D-2-1 UG-071863

Avista Utilities
Washington Gas Tracker
Revenue Adjustment Factor
From General Gas Case that became effective 1/1/06

Washington State Excise Tax	\$0.038398
Franchise Taxes	\$0.000000
WUTC Fees	\$0.001900
Uncollectibles	<u>\$0.003169</u>
	<u>\$0.043467</u>
Calculation of Revenue Adjustment Factor	
$1 / (1 - 0) =$	<u>1.045442</u>

Exhibit D-2-1 UG-071863

Avista Utilities
Calculation of Recoverable Lost Margin from Decoupling Surcharge
Based on Audited DSM Savings for 2006
Nov. 1, 2007 Surcharge / Jan. - June 2007 Lost Margin

2006 DSM Therm Savings(1)	1,052,390
Divided by: 2006 DSM Target(1)	<u>1,062,000</u>
% of Target Achieved	99.1%
Level of Recoverable Lost Margin(2)	80%
Times: Jan. - June 2007 Lost Margin(3)	<u>\$ 382,096</u>
Recoverable Lost Margin	\$ 305,677
Less: 90% Revenue deferred Jan. - June	<u>\$ 343,886</u>
Deferred Revenue Write-off	\$ 38,209

- (1) Shown on page 1 of Exhibit 5
(2) Shown on proposed tariff sheet 159A
(3) Shown on page 1 of Exhibit 1

EXHIBIT 3

**PERCENTAGE RATE INCREASE REPRESENTED BY PROPOSED
DECOUPLING SURCHARGE**

EFFECTIVE NOVEMBER 1, 2007

Exhibit D-2-1 UG-071863

Avista Utilities Calculation of Decoupling Rate Change Associated with 2% Rate Cap Effective Nov. 1, 2007

July '06-June '07 normalized therm sales(1)	121,366,890
Present rate per therm	<u>\$1.19008</u>
Usage Revenue	\$144,436,308
July '06-June '07 no. of billings	1,518,212
Basic charge	<u>\$5.50</u>
Basic charge revenue	<u>\$8,350,166</u>
Normalized Revenue under Present Rates	\$152,786,474
Proposed Decoupling Rate(2)	\$0.00269
Times: Forecast Schedule 101 Sales Volumes(3)	<u>122,259,232</u>
Proposed Decoupling Revenue(4)	\$328,877
Divided by: Normalized Revenue under Present Rates	<u>\$152,786,474</u>
Proposed Decoupling Increase	0.22%

(1)From page 2 of Exh. 4

(2)From page 1 of Exh. 2

AVISTA UTILITIES
 Washington Jurisdiction
 Weather Normalized Schedule 101 Usage
 Twelve Months Ended June 30, 2007

	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jun-07
Revenue Run	2,378,214	1,985,594	2,479,717	4,292,105	9,891,005	18,364,798	21,292,599	21,234,566	14,472,322	9,724,124	6,113,562	3,664,833	115,893,439
Reverse Prior Month Unbilled	-1,546,562	-1,417,103	-1,588,644	-2,186,051	-5,619,527	-10,331,247	-12,868,516	-13,520,610	-9,239,690	-6,495,212	-4,583,821	-2,581,502	-71,978,485
Add Current Month Unbilled	1,417,103	1,588,644	2,186,051	5,619,527	10,331,247	12,868,516	13,520,610	9,239,690	6,495,212	4,583,821	2,581,502	1,622,001	72,053,924
Add Weather Adjustment	588,874	196,291	425,298	32,715	523,444	785,165	-1,210,463	850,596	1,733,907	147,219	1,112,318	212,649	5,398,012
Normalized Usage	2,837,629	2,353,426	3,502,422	7,758,296	15,126,169	21,687,232	20,734,230	17,804,242	13,461,751	7,959,952	5,223,561	2,917,981	121,366,890

	July	August	September	October	November	December	January	February	March	April	May	June	Total
Normal DDH	44	42	196	554	897	1,168	1,169	916	790	557	338	149	6,820
Actual DDH	8	30	170	552	865	1,120	1,243	864	684	548	270	136	6,490
Unbilled DDH	36	12	26	2	32	48	-74	52	106	9	68	13	330
Avg Cust Sensitivity	2006												
Weather Res Sched 101	487,346	162,449	351,972	27,075	433,196	649,795	(1,001,767)	703,944	1,434,963	121,837	920,543	175,986	4,467,339
Weather Com Sched 101	11,405	33,395	72,355	5,566	89,052	133,578	(205,933)	144,710	294,985	25,046	189,236	36,177	918,324
Weather Ind Sched 101	1,344	448	971	75	1,195	1,792	(2,763)	1,942	3,958	336	2,539	485	12,329
Weather Adjustment	588,874	196,291	425,298	32,715	523,444	785,165	(1,210,463)	850,596	1,733,907	147,219	1,112,318	212,649	5,398,012

	July	August	September	October	November	December	January	February	March	April	May	June	Total
Weather Res Sched 101	479,505	160,134	347,920	26,936	433,249	652,673	(1,007,851)	709,638	1,445,992	122,809	927,072	176,956	4,475,032
Weather Com Sched 101	98,609	33,086	71,630	5,526	88,918	134,383	(206,019)	146,521	296,143	25,186	190,476	36,491	920,950
Weather Ind Sched 101	1,333	440	963	72	1,198	1,817	(2,590)	2,074	3,969	337	2,574	503	12,689
Weather Adjustment	579,447	193,660	420,513	32,533	523,365	788,873	(1,216,460)	858,233	1,746,103	148,332	1,120,122	213,949	5,408,671

EXH. 3
 PAGE 2

EXHIBIT 4

**AVISTA COMMISSION BASIS REPORT FOR WASHINGTON NATURAL GAS
OPERATIONS**

YEAR ENDED DECEMBER 31, 2006

Avista Corp.
1411 East Mission PO Box 3727
Spokane, Washington 99220-3727
Telephone 509-489-0500
Toll Free 800-727-9170



April 27, 2007

Ms. Carole J. Washburn, Executive Secretary
Washington Utilities and Transportation Commission
1300 S. Evergreen Park Drive, S.W.
P.O. Box 47250
Olympia, WA 98504-7250

RE: 2006 Gas Commission Basis Report Pursuant to WAC 480-090-257

Dear Ms. Washburn:

Enclosed are two copies of the 2006 Gas Commission Basis Report for Avista Utilities. The report is being filed pursuant to WAC 480-090-257. The report is based on the period of twelve months ended December 31, 2006. This report is being supplied for informational purposes only.

The Company filed a gas general rate case on March 26, 2007, which is pending before the Commission in Docket No. UG-070805. The test period for the general rate case is also twelve months ended December 31, 2006. Because of the identical test periods, and after discussion with the Commission Staff, it was determined that this Commission Basis Report for 2006 would consist of a summary of the restating adjustments from the general rate case. No other pro forma adjustments have been included. The workpapers associated with the adjustments have been filed with the general rate case and adjustment descriptions are included in my testimony labeled Exhibit No. __ (EMA-1T).

If you have any questions, please contact me at (509) 495-8601.

Sincerely,

A handwritten signature in cursive script that reads "Elizabeth M. Andrews".

Elizabeth M. Andrews
Manager, Revenue Requirements

Enclosure

Exhibit D-2-1 UG-071863

AVISTA UTILITIES

Restatement Summary

Washington Gas

Twelve Months Ended December 31, 2006

Column	Description	Washington Gas		
		NOI	Rate Base	ROR
b	Per Results Report	\$10,993	\$165,434	
c	Deferred FIT Rate Base	0	(24,645)	
d	Deferred Gain on Office Building	0	(100)	
e	Gas Inventory	0	7,628	
f	Weatherization and DSM Investment	0	1,120	
g	Customer Advances	0	(75)	
	Actual	10,993	149,362	7.36%
h	Revenue Normalization & Gas Cost Adjust	686	0	
i	Eliminate B & O Taxes	6	0	
j	Property Tax	16	0	
k	Uncollectible Expense	38	0	
l	Regulatory Expense Adjustment	(49)	0	
m	Injuries and Damages	(14)	0	
n	FIT	11	0	
o	Restate Debt Interest	(207)	0	
p	Incentives & Other	16	0	
q	Net Gains/losses	8	0	
r	Eliminate A/R Expenses	178	0	
s	Office Space Charges to Subs	4	0	
t	Restate Excise Taxes	(20)	0	
	Restated Total	\$11,666	\$149,362	7.81%

Exhibit D-2-1 UG-071863

AVISTA UTILITIES
 GAS RESULTS OF OPERATION
 WASHINGTON RESTATED RESULTS
 TWELVE MONTHS ENDED DECEMBER 31, 2006
 (000'S OF DOLLARS)

Line No.	DESCRIPTION	Per Results Report	Deferred FIT Rate Base	Deferred Gain on Office Building	Gas Inventory	Weatherization and DSM Investment	Customer Advances
a	b	c	d	e	f	g	
REVENUES							
1	Total General Business	\$208,883					
2	Total Transportation	3,166					
3	Other Revenues	39,097					
4	Total Gas Revenues	251,146	0	0	0	0	0
EXPENSES							
5	Exploration and Development	0					
Production							
6	City Gate Purchases	188,395					
7	Purchased Gas Expense	653					
8	Net Nat Gas Storage Trans	495					
9	Total Production	189,543	0	0	0	0	0
Underground Storage							
10	Operating Expenses	492					
11	Depreciation	312					
12	Taxes	124					
13	Total Underground Storage	928	0	0	0	0	0
Distribution							
14	Operating Expenses	6,359					
15	Depreciation	5,382					
16	Taxes	17,051					
17	Total Distribution	28,792	0	0	0	0	0
18	Customer Accounting	4,568			0	0	
19	Customer Service & Information	3,260					
20	Sales Expenses	496					
Administrative & General							
21	Operating Expenses	8,334					
22	Depreciation	1,282					
23	Taxes	24					
24	Total Admin. & General	9,640	0	0	0	0	0
25	Total Gas Expense	237,227	0	0	0	0	0
26	OPERATING INCOME BEFORE FIT	13,919	0	0	0	0	0
FEDERAL INCOME TAX							
27	Current Accrual	6,006					
28	Deferred FIT	(3,050)					
29	Amort ITC	(30)					
30	NET OPERATING INCOME	\$10,993	\$0	\$0	\$0	\$0	\$0
RATE BASE: PLANT IN SERVICE							
31	Underground Storage	13,854					
32	Distribution Plant	219,287				1,120	(75)
33	General Plant	20,791					
34	Total Plant in Service	253,932	0	0	0	1,120	(75)
ACCUMULATED DEPRECIATION							
35	Underground Storage	7,249					
36	Distribution Plant	74,019					
37	General Plant	7,230					
38	Total Accum. Depreciation	88,498	0	0	0	0	0
39	DEFERRED FIT	0	(24,645)	53			
40	GAS INVENTORY	0			7,628		
41	GAIN ON SALE OF BUILDING	0		(153)			
42	TOTAL RATE BASE	\$165,434	(\$24,645)	(\$100)	\$7,628	\$1,120	(\$75)
43	RATE OF RETURN						

Exhibit D-2-1 UG-071863

AVISTA UTILITIES
 GAS RESULTS OF OPERATION
 WASHINGTON RESTATED RESULTS
 TWELVE MONTHS ENDED DECEMBER 31, 2006
 (000'S OF DOLLARS)

Line No.	DESCRIPTION a	Subtotal Actual -	Revenue Normalization & Gas Cost Adjust h	Eliminate B & O Taxes i	Property Tax j	Uncollectible Expense k	Regulatory Expense Adjustment l
REVENUES							
1	Total General Business	\$208,883	\$ (3,682)	\$ (7,380)			
2	Total Transportation	3,166	(1,648)	(72)			
3	Other Revenues	39,097	(35,060)				
4	Total Gas Revenues	251,146	(40,390)	(7,452)	0	0	0
EXPENSES							
5	Exploration and Development	0					
Production							
6	City Gate Purchases	188,395	(38,593)				
7	Purchased Gas Expense	653					
8	Net Nat Gas Storage Trans	495	(495)				
9	Total Production	189,543	(39,088)	0	0	0	0
Underground Storage							
10	Operating Expenses	492					
11	Depreciation	312					
12	Taxes	124			(2)		
13	Total Underground Storage	928	0	0	(2)	0	0
Distribution							
14	Operating Expenses	6,359					
15	Depreciation	5,382					
16	Taxes	17,051	(141)	(7,461)	(23)		
17	Total Distribution	28,792	(141)	(7,461)	(23)	0	0
18	Customer Accounting	4,568	(10)	0	0	(59)	0
19	Customer Service & Information	3,260	(2,199)				
20	Sales Expenses	496					
Administrative & General							
21	Operating Expenses	8,334	(7)				75
22	Depreciation	1,282					
23	Taxes	24					
24	Total Admin. & General	9,640	(7)	0	0	0	75
25	Total Gas Expense	237,227	(41,445)	(7,461)	(25)	(59)	75
26	OPERATING INCOME BEFORE FIT	13,919	1,055	9	25	59	(75)
FEDERAL INCOME TAX							
27	Current Accrual	6,006	369	3	9	21	(26)
28	Deferred FIT	(3,050)					
29	Amort ITC	(30)					
30	NET OPERATING INCOME	\$10,993	\$686	\$6	\$16	\$38	(\$49)
RATE BASE: PLANT IN SERVICE							
31	Underground Storage	13,854					
32	Distribution Plant	220,332					
33	General Plant	20,791					
34	Total Plant in Service	254,977	0	0	0	0	0
ACCUMULATED DEPRECIATION							
35	Underground Storage	7,249					
36	Distribution Plant	74,019					
37	General Plant	7,230					
38	Total Accum. Depreciation	88,498	0	0	0	0	0
39	DEFERRED FIT	(24,592)					
40	GAS INVENTORY	7,628					
41	GAIN ON SALE OF BUILDING	(153)					
42	TOTAL RATE BASE	\$149,362	\$0	\$0	\$0	\$0	\$0
43	RATE OF RETURN	7.36%					

Exhibit D-2-1 UG-071863

AVISTA UTILITIES
 GAS RESULTS OF OPERATION
 WASHINGTON RESTATED RESULTS
 TWELVE MONTHS ENDED DECEMBER 31, 2006
 (000'S OF DOLLARS)

Line No.	DESCRIPTION	Injuries and Damages	FIT	Restate Debt Interest	Incentives & Other	Net Gains/losses	Eliminate A/R Expenses
	a	m	n	o	p	q	r
REVENUES							
1	Total General Business						
2	Total Transportation						
3	Other Revenues						
4	Total Gas Revenues	0	0	0	0	0	0
EXPENSES							
5	Exploration and Development						
Production							
6	City Gate Purchases						
7	Purchased Gas Expense						
8	Net Nat Gas Storage Trans						
9	Total Production	0	0	0	0	0	0
Underground Storage							
10	Operating Expenses						
11	Depreciation						
12	Taxes						
13	Total Underground Storage	0	0	0	0	0	0
Distribution							
14	Operating Expenses						
15	Depreciation					(13)	
16	Taxes						
17	Total Distribution	0	0	0	0	(13)	0
18	Customer Accounting				0	0	(274)
19	Customer Service & Information						
20	Sales Expenses						
Administrative & General							
21	Operating Expenses	22			(25)		
22	Depreciation						
23	Taxes						
24	Total Admin. & General	22	0	0	(25)	0	0
25	Total Gas Expense	22	0	0	(25)	(13)	(274)
26	OPERATING INCOME BEFORE FIT	(22)	0	0	25	13	274
FEDERAL INCOME TAX							
27	Current Accrual	(8)	11	207	9	5	96
28	Deferred FIT		(22)				
29	Amort ITC						
30	NET OPERATING INCOME	(\$14)	\$11	(\$207)	\$16	\$8	\$178
RAIE BASE: PLANT IN SERVICE							
31	Underground Storage						
32	Distribution Plant						
33	General Plant						
34	Total Plant in Service	0	0	0	0	0	0
ACCUMULATED DEPRECIATION							
35	Underground Storage						
36	Distribution Plant						
37	General Plant						
38	Total Accum. Depreciation	0	0	0	0	0	0
39	DEFERRED FIT						
40	GAS INVENTORY						
41	GAIN ON SALE OF BUILDING						
42	TOTAL RATE BASE	\$0	\$0	\$0	\$0	\$0	\$0
43	RATE OF RETURN						

Exhibit D-2-1 UG-071863

AVISTA UTILITIES
 GAS RESULTS OF OPERATION
 WASHINGTON RESTATED RESULTS
 TWELVE MONTHS ENDED DECEMBER 31, 2006
 (000'S OF DOLLARS)

Line No.	DESCRIPTION	Office Space Charges to Subs	Restate Excise Taxes	Restated Total
a		s	t	-
REVENUES				
1	Total General Business			\$197,821
2	Total Transportation			1,446
3	Other Revenues			4,037
4	Total Gas Revenues	0	0	203,304
EXPENSES				
5	Exploration and Development			0
	Production			
6	City Gate Purchases			149,802
7	Purchased Gas Expense			653
8	Net Nat Gas Storage Trans			0
9	Total Production	0	0	150,455
	Underground Storage			
10	Operating Expenses			492
11	Depreciation			312
12	Taxes			122
13	Total Underground Storage	0	0	926
	Distribution			
14	Operating Expenses			6,359
15	Depreciation			5,369
16	Taxes		31	9,457
17	Total Distribution	0	31	21,185
18	Customer Accounting	0	0	4,225
19	Customer Service & Information			1,061
20	Sales Expenses			496
	Administrative & General			
21	Operating Expenses	(6)		8,393
22	Depreciation			1,282
23	Taxes			24
24	Total Admin. & General	(6)	0	9,699
25	Total Gas Expense	(6)	31	188,047
26	OPERATING INCOME BEFORE FIT	6	(31)	15,257
	FEDERAL INCOME TAX			
27	Current Accrual	2	(11)	6,693
28	Deferred FIT			(3,072)
29	Amort IIC			(30)
30	NET OPERATING INCOME	\$4	(\$20)	\$11,666
RATE BASE: PLANT IN SERVICE				
31	Underground Storage			13,854
32	Distribution Plant			220,332
33	General Plant			20,791
34	Total Plant in Service	0	0	254,977
ACCUMULATED DEPRECIATION				
35	Underground Storage			7,249
36	Distribution Plant			74,019
37	General Plant			7,230
38	Total Accum. Depreciation	0	0	88,498
39	DEFERRED FIT			(24,592)
40	GAS INVENTORY			7,628
41	GAIN ON SALE OF BUILDING			(153)
42	TOTAL RATE BASE	\$0	\$0	\$149,362
43	RATE OF RETURN			7.81%

EXHIBIT 5

**SUMMARY OF INDEPENDENT VERIFICATION REPORT FOR AVISTA'S
NATURAL GAS DSM SAVINGS**

YEAR ENDED DECEMBER 31, 2006

Summary of the Independent Verification of Avista's 2006 Completed Natural Gas-Efficiency Claims

Project	Therms contained within verification sample	Therms in related overall population	Therms independently verified	% of claimed therms verified	Adjusted therm claim
Residential projects					
High Efficiency Furnaces	5,271	382,355	6,296	119.4%	456,708
Windows	1,728		1,728		
Other Res Sampled	1,080		884		
	2,463		3,684		
Limited Income					
Air Infiltration	7,559	80,257	6,115	80.9%	64,925
Insulation	2,052		1,709		
Other LI Sampled	4,485		3,815		
	1,022		591		
Large Non-Res site-specific					
Large site-specific customer #1	332,788	332,789	188,760	56.7%	188,761
Large site-specific customer #2	110,558	110,558	37,608	34.0%	
Large site-specific customer #3	71,731	71,731	71,731	100.0%	
Large site-specific customer #4	54,332	54,332	15,477	28.5%	
Large site-specific customer #5	29,651	29,651	21,134	71.3%	
Large site-specific customer #6	27,193	27,193	21,754	80.0%	
Large site-specific customer #7	20,228	20,228	21,056	104.1%	
Other non-res site-specific					
Pre-rinse sprayers	19,095	19,096	-	0.0%	250,304
	30,238	251,045	30,149	99.7%	91,692
Roof-top Program					
	7,920	91,692	7,920	100.0%	-
	4,215	66,515	-	0.0%	-
Total	345,618	1,204,653	201,171		1,052,390
Original Avista estimate of savings					

(152,263) Adjustment in claimed therm savings
 1,052,390 Revised claim per independent verification and Avista's modification of claim
 1,062,000 Avista's 2006 IRP goal
99.1% Revised claimed savings as a percentage of Avista's 2006 IRP goal

Results of the Independent Verification of Avista 2006 Claimed DSM Natural Gas Savings

The Company, in consultation with key external parties, retained the services of Research Into Action and their subcontractor Nexant, Inc. to perform an independent verification of 2006 completed natural gas-efficiency projects. Though the scope of this project was based upon verification of a single year's efforts, the overall nature of the contract was to establish a basis for a project plan that can be executed over the three-year pilot period of the Company's decoupling mechanism.

The independent verification consisted of a review of the engineering calculations associated with key residential and non-residential prescriptive programs, as well as a review of customized all-inclusive programs available through the Company's limited income and site-specific portfolio. Further review of project documentation and verification was applied to all programs.

A total of 53 individual projects were reviewed. Seven of the largest projects in the 2006 completed project portfolio were reviewed and the remaining 46 were random samples from various portfolios.

The review of residential measures was based upon a random sample of 72 individual projects from that portfolio. A total of 18 projects reviewed received an increase in the therms verified, 22 were reviewed and verified without revision and 6 were verified with a reduced therm impact. Overall 119% of the residential therm savings were verified through this process. The results of this sample were extrapolated to the total population and as a consequence Avista's residential therm savings increased from 382,355 first-year therms to 456,708 first-year therms.

Avista's limited income program provides considerable implementation flexibility to the community action agency programs. As a consequence, these projects do not necessarily fit within any prescriptive guidelines on a project-by-project basis. A random sample of 66 projects resulted in a verification of 81% of the originally claimed savings. As a consequence of these findings, Avista has reduced the claimed savings from 80,257 to 64,925 first-year therms.

The non-residential market was subdivided into (a) a review of all of the largest seven site-specific projects, (b) a random sample of the remaining projects within the site-specific portfolio, (c) a review of the pre-rinse sprayer program and (d) a review of the rooftop HVAC program.

Of the seven largest site-specific projects, it was found that the claims for one project modestly understated the verified savings, one project was verified at its full claimed therm level, four projects were verified with a reduction in the therms claimed and one project was found to be erroneously included in the database and within the original

claim of therm savings. Avista has modified the claims for the six retail customers based upon the verification recommendations. This results in a reduction of 188,760 therms in claimed savings. The natural gas transport customer erroneously included in the report was removed in its entirety, resulting in a 19,096 reduction in therm claims. The Company reviewed the database for other transport customers erroneously included in claims and found no other transport customers included in the claimed savings. In total, the findings for these seven site-specific projects result in a reduction of 207,856 therms from claimed savings.

The Company believes that two of the seven large site-specific projects that were revised to a lower level of therm savings should be further reviewed in subsequent independent verifications, and that additional documentation of the engineering calculations and actual project experience are likely to result in a verification of the original savings claims.

The two-year pre-rinse sprayer program was reviewed and verified without revision to the savings claims based upon a sampling of 23 individual projects. The Company has an active measurement and evaluation effort in place to provide the data necessary for possible revision in these savings claims in the future.

The final non-residential program reviewed was the rooftop HVAC program implemented within the Avista service territory by Portland Energy Conservation, Inc. (PECI). The verifiers were unable to document the savings claimed for the 6 randomly selected projects within this portfolio. Consequently the entire savings of this program, 66,515 therms in 2006, were removed from the Company's claims. The Company believes that sufficient documentation exists to verify these savings claimed and will revisit these projects in future independent verifications.

The aggregate impact of the findings of the independent verification as applied to the overall population of Avista programs was a reduction of 152,263 therms from the original claim of 1,204,653 therms. The verified therm savings of 1,052,390 is 99.1% of the Company's 1,062,000 therm goal established in the 2006 Integrated Resource Plan.

A numerical summary of the results of the verification report is attached, with customer names removed for the large site-specific projects.

Agenda Date: October 24, 2007
Item Number: A2

Docket: UG-071863
Company: Avista Corporation

Staff: Douglas Kilpatrick, Senior Engineer
Danny Kermode, Regulatory Analyst

Recommendation

Take no action on the tariff sheets filed in Docket UG-071863 and allow Avista's proposed natural gas decoupling rate adjustment to go into effect as filed on November 1, 2007, by operation of law.

Background

In Order 04 in Docket UG-060518, the Commission approved a multi-party settlement agreement establishing a three-year pilot program to allow Avista Corporation (Avista or Company) to test a natural gas decoupling mechanism. The mechanism would defer certain costs and revenues in order to potentially recover fixed costs unaffected by customer consumption. The parties to the settlement included Avista, commission staff, The Northwest Energy Coalition, and the Northwest Industrial Gas Users. Public Counsel and The Energy Project were not parties to the settlement.

Decoupling is a ratemaking and regulatory tool intended to break the link between a utility's recovery of fixed costs and a consumer's energy consumption. Energy conservation advocates view decoupling as a tool to promote greater conservation efforts by utilities by removing financial disincentives.

Avista's pilot decoupling program is applicable to residential and small commercial customers receiving natural gas service under schedule 101.

Under terms of the pilot decoupling program, Avista may defer 90 percent of the margin difference between residential customer natural gas sales and fixed costs as calculated in the Company's last general rate case. Recovery of this deferred margin difference would occur through a surcharge on affected customers. Recovery is also subject to several tests and limitations, including:

- An earnings test to ensure that Avista can not earn more than its authorized rate of return (9.11 percent).
- A demand side management (DSM) test, based on Avista achieving specific conservation amounts versus targets established in its 2006 Integrated Resources Plan.
- DSM program verification, to validate Avista's annual program accomplishments.
- Annual rate changes limited to a maximum of 2 percent annually.

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Discussion

On September 14, 2007, Avista filed tariff sheets that would implement its natural gas decoupling mechanism approved in Docket UG-060518. The tariff sheets filed proposed a surcharge rate of 0.269 cents per therm. This would result in an increase of 0.22 percent for customers taking natural gas service under schedule 101, effective November 1, 2007.

The surcharge was established to recover \$305,677, which represents 80 percent of the deferred margin accrued in the period of January to June 2007. The 80 percent value is included in this calculation because the Company did not meet 100 percent of its DSM savings target for 2006. Based on the results of an independent DSM program verification, Avista achieved 99.1 percent of the target. Under the approved decoupling mechanism, Avista is allowed to recover only 80 percent of the deferral for this period.

The Company provided workpapers supporting the above mentioned tests and limitations.

- a) The surcharge as proposed is well below the 2 percent limitation.
- b) The Company's Commission Basis Report indicates that its rate of return for 2006 (including restating adjustments) was 7.81 percent compared to the present authorized level of 9.11 percent.
- c) The Company verified its 2006 natural gas DSM savings through retainer of an independent evaluation contractor. Research into Action, Inc. independently verified that Avista acquired 1,052,390 therms of conservation through DSM programs in 2006 versus a target level of 1,062,000 therms (99.1 percent of target).

Review of the filed tariff raised questions regarding the proper approach to calculate the correct surcharge amount. Staff, Public Counsel and the Company consulted on the calculation and all parties were able to come to agreement on the methodology to be used to accrue the deferral and compute the applicable surcharge. This surcharge filing is the first for Avista's decoupling pilot program and will establish the methodology used for the balance of the pilot. Staff is grateful for the work of Tara Knox at Avista, and Steve Johnson at Public Counsel, to resolve the technical and accounting issues encountered in the proper implementation of the program.

Based on the discussion between Staff, Public Counsel and Avista, the Company revised its calculated surcharge, lowering it to 0.257 cents per therm, resulting in a net increase in rates of 0.21 percent. An average natural gas customer taking service under schedule 101 would thus see an annual bill increase of \$2.16 due to this surcharge.

Conclusion

Based on the approved pilot decoupling program and with revisions to tariff sheets filed by Avista, schedule 101 customers will see a slight increase in their cost of natural gas of less than one quarter of one percent. Staff concludes that the revised surcharge appropriately implements

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the decoupling program as approved by the Commission. Therefore, Staff recommends the Commission take no action and allow Avista's proposed natural gas decoupling rate adjustment in Docket UG-071863 to go into effect as filed on November 1, 2007, by operation of law.

Exhibit D-3 Avista's Data Submission for Question D-2

**Avista Utilities
Calculation of Decoupling Surcharge/Amortization Rate
Effective Nov. 1, 2007 - Oct. 1, 2008**

	<u>Deferral Balance(1)</u>	<u>Interest(2)</u>	<u>Forecast Sch. 101 Use</u>
	\$ 0.00241	8.25%(3)	
Nov '07	\$294,204		14,543,100
Dec '07	\$259,155	\$1,902	21,654,226
Jan '08	\$206,968	\$1,602	22,123,639
Feb '08	\$153,650	\$1,240	18,392,970
Mar '08	\$109,323	\$904	13,577,745
Apr '08	\$76,601	\$639	7,525,594
May '08	\$58,464	\$464	5,719,850
Jun '08	\$44,680	\$355	3,523,371
Jul '08	\$36,188	\$278	2,239,105
Aug '08	\$30,792	\$230	2,436,386
Sep '08	\$24,920	\$192	3,497,694
Oct '08	\$16,491	\$142	<u>7,025,553</u>
Nov '08	-\$441	\$55	
Total		\$8,003	122,259,233
Incremental Rate to Recover Est. Interest		\$0.00007	
Est. Rate to Recover Deferral Balance		<u>\$0.00241</u>	
Rate before Gross-up for Revenue-related items		\$0.00247	
Times: Gross-up for Revenue-related items(4)		<u>\$1.04544</u>	
Proposed decoupling rate		<u>\$0.00258</u>	
Estimated decoupling recovery	\$	315,429	
Difference from original filing	\$	1,223	

(1)Deferral balance at beginning of the month / Rate of \$0.00241 is rate to recover deferral balance over 12 months

(2)Interest computed on average balance between beginning and end of month

(3)FERC rate @ July '07 - changes quarterly

(4)From page 2 of Exh. 2

Exhibit D-3 Avista's Data Submission for Question D-2

Avista Utilities Calculation of Decoupling Surcharge/Amortization Rate Effective Nov. 1, 2007 - Oct. 1, 2008

	Deferral Balance(1)	Interest(2)	Forecast Sch. 101 Use
\$	0.00250	8.25%(3)	
Nov '07	\$305,677		14,543,100
Dec '07	\$269,319	\$1,977	21,654,226
Jan '08	\$215,184	\$1,665	22,123,639
Feb '08	\$159,875	\$1,289	18,392,970
Mar '08	\$113,892	\$941	13,577,745
Apr '08	\$79,948	\$666	7,525,594
May '08	\$61,134	\$485	5,719,850
Jun '08	\$46,834	\$371	3,523,371
Jul '08	\$38,026	\$292	2,239,105
Aug '08	\$32,428	\$242	2,436,386
Sep '08	\$26,337	\$202	3,497,694
Oct '08	\$17,593	\$151	<u>7,025,553</u>
Nov '08	\$29	\$61	
Total		\$8,342	122,259,233
Incremental Rate to Recover Est. Interest		\$0.00007	
Rate to recover deferral bal.		<u>\$0.00250</u>	
Proposed decoupling rate		\$0.00257	
Estimated decoupling recovery	\$	314,206	

(1) Deferral balance at beginning of the month / Rate of \$0.00250 is rate to recover deferral balance over 12 months

(2) Interest computed on average balance between beginning and end of month

(3) FERC rate @ July '07 - changes quarterly

Exhibit D-4 Decoupling Margin Impact

Avista Utilities
Decoupling Data Request D.6

Gas - Washington	1/08 - 12/08	12/31/07
Operating Revenue	377,590,274	284,735,942
Exploration/Dev		
Production Ops Exp	308,796,419	220,407,159
Margin	<u>68,793,855</u>	<u>64,328,783</u>
Underground Stg Exp	778,936	884,714
Distribution Exps	29,014,306	30,085,043
Customer Accting Exp	4,950,109	4,734,722
Cust Serv/Info	5,169,099	4,658,248
Sales Exp	441,524	516,483
A & G Exps	11,794,912	9,478,074
Total Exps Before FIT	<u>360,945,305</u>	<u>270,764,443</u>
Net Operating Inc	16,644,969	13,971,499
Remove Decoupling Deferrals		
Account 407328 Decoupling Def	504,233	219,007
Account 407428 Decoupling Def	(1,177,741)	(1,119,126)
Total Exps Before FIT W/O Decoupling	<u>15,971,461</u>	<u>13,071,380</u>
Percent of Pre-Tax Income	-4.05%	-6.44%
Percent of Margin	-0.98%	-1.40%

Exhibit D-5 Decoupling Margin Impact per Customer

Schedule 101 Recorded Gas Margin Revenue and Gas Margin Revenue per Customer 2006 - 2008 Before and After Decoupling Deferral							
Date	Billed Usage	Net Unbilled Usage	Billed Customers	Basic Charge	Margin Rate per Therm	Recorded Margin Revenue	Margin Revenue per Customer
Jan-06	18,562,669	(1,793,843)	135,510	\$5.50	0.19823	\$ 4,069,389	\$ 30.03
Feb-06	16,709,536	(83,311)	135,699	\$5.50	0.19823	\$ 4,042,161	\$ 29.79
Mar-06	16,924,558	(2,261,639)	135,789	\$5.50	0.19823	\$ 3,653,470	\$ 26.91
Apr-06	11,304,373	(3,307,708)	135,775	\$5.50	0.19823	\$ 2,331,941	\$ 17.18
May-06	6,552,477	(2,523,061)	135,938	\$5.50	0.19823	\$ 1,546,410	\$ 11.38
Jun-06	3,538,290	(933,968)	135,719	\$5.50	0.19823	\$ 1,262,709	\$ 9.30
Jul-06	2,378,214	(129,459)	135,822	\$5.50	0.19823	\$ 1,192,792	\$ 8.78
Aug-06	1,985,594	171,541	136,128	\$5.50	0.19823	\$ 1,176,313	\$ 8.64
Sep-06	2,479,717	597,407	136,466	\$5.50	0.19823	\$ 1,360,541	\$ 9.97
Oct-06	4,292,105	3,433,476	137,302	\$5.50	0.19823	\$ 2,286,603	\$ 16.65
Nov-06	9,891,005	4,711,720	138,036	\$5.50	0.19823	\$ 3,653,896	\$ 26.47
Dec-06	18,364,798	2,537,269	138,667	\$5.50	0.19823	\$ 4,906,085	\$ 35.38
Jan-07	21,292,599	652,094	138,804	\$5.50	0.19823	\$ 5,113,518	\$ 36.84
Feb-07	21,234,566	(4,280,920)	139,210	\$5.50	0.19823	\$ 4,126,376	\$ 29.64
Mar-07	14,472,322	(2,744,478)	139,055	\$5.50	0.19823	\$ 3,089,613	\$ 22.22
Apr-07	9,724,124	(1,911,391)	139,113	\$5.50	0.19823	\$ 2,313,840	\$ 16.63
May-07	6,113,562	(2,002,319)	139,012	\$5.50	0.19823	\$ 1,579,538	\$ 11.36
Jun-07	3,664,833	(959,501)	138,838	\$5.50	0.19823	\$ 1,299,887	\$ 9.36
Jul-07	2,462,636	(401,547)	138,877	\$5.50	0.19823	\$ 1,172,393	\$ 8.44
Aug-07	2,010,203	396,676	139,096	\$5.50	0.19823	\$ 1,242,144	\$ 8.93
Sep-07	2,332,936	508,401	139,568	\$5.50	0.19823	\$ 1,330,862	\$ 9.54
Oct-07	4,484,817	3,164,109	140,039	\$5.50	0.19823	\$ 2,286,461	\$ 16.33
Nov-07	9,398,517	5,254,887	140,930	\$5.50	0.19823	\$ 3,679,859	\$ 26.11
Dec-07	18,392,852	1,597,192	141,242	\$5.50	0.19823	\$ 4,739,457	\$ 33.56
Jan-08	20,755,627	1,480,100	141,580	\$5.50	0.21748	\$ 5,614,516	\$ 39.66
Feb-08	22,514,347	(4,030,702)	141,745	\$5.50	0.21748	\$ 4,799,421	\$ 33.86
Mar-08	14,859,076	(6,064)	141,763	\$5.50	0.21748	\$ 4,009,930	\$ 28.29
Apr-08	13,629,159	(2,806,201)	141,662	\$5.50	0.21748	\$ 3,132,918	\$ 22.12
May-08	8,714,627	(3,928,912)	141,566	\$5.50	0.21748	\$ 1,819,410	\$ 12.85
Jun-08	4,232,714	(782,373)	141,413	\$5.50	0.21748	\$ 1,528,152	\$ 10.81
Jul-08	2,763,613	(586,063)	141,354	\$5.50	0.21748	\$ 1,251,021	\$ 8.85
Aug-08	2,223,233	105,695	141,399	\$5.50	0.21748	\$ 1,284,190	\$ 9.08
Sep-08	2,487,966	320,280	141,829	\$5.50	0.21748	\$ 1,390,797	\$ 9.81
Oct-08	3,933,329	3,250,212	142,135	\$5.50	0.21748	\$ 2,344,019	\$ 16.49
Nov-08	8,603,159	3,482,932	142,818	\$5.50	0.21748	\$ 3,413,982	\$ 23.90
Dec-08	15,345,278	8,361,158	143,336	\$5.50	0.21748	\$ 5,944,024	\$ 41.47
2006 Annual Total			1,636,851			\$ 31,482,311	\$ 230.80
2007 Annual Total			1,673,784			\$ 31,973,949	\$ 229.23
2008 Annual Total			1,702,600			\$ 36,532,378	\$ 257.48
2007 with Decoupling Deferred Revenue					\$900,119	\$ 32,874,068	\$ 235.69
2008 with Decoupling Deferred Revenue					\$673,508	\$ 37,205,886	\$ 262.23

From Avista's Original Data Submission for D-7 & 2008 Revenue Run

Exhibit D-6 Typical Residential Natural Gas Usage

Natural Gas Residential use assumptions

Assumptions

Home size	1600 sq.ft.	
Shell average R value	11	
Heat loss area	4960 sq.ft.	
Average WA/ID Degree Days	6445 HDD	451 CDD
Annual Heating BTU consumption		69.75 million BTU
Average AFUE	83%	

Gas Heat only

Therms / yr	758.5542	63.21285 therms/mo
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Water Heat Assumptions

2.5 people per house - per 2001 national census information
 15. million BTU's per year for Hot water
 EF factor = .55

Water Heat only

Therms/yr	214.47	17.8725 therms/mo
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Both Space and Water Heat **973.0242** therms/yr 81.08535 therms/yr

Average 101 customer consumption **654.70**

This is an estimated based on the fact that not all customers have both space and water heat and there is also other burner tip load that may be added to these two factors. Also some customers use gas as a back-up to electric space heating systems and may be lower even if they have gas heat. This is only a guess. We could however just take all of our gas customers and divide their entire load by their number.
 Tom

Index to ... Therm use % of population

	63	20% Gas space heat only
100%	18	10% Gas water heat only
	81	70% Gas space and water heat

71 Weighted average
 70 Typical average residential use

1600 Square footage of home from residential use modeling

This assumes other burner tips use such as cooking and laundry are rolled into these numbers

From Avista's original data submission for Question D-9.