Honeywell

Americas M&V Services Team

Housing Authority of the City of Pittsburgh

Energy Cost Avoidance Report

Energy Guarantee

September 2011 through August 2012

Helping customers manage energy resources to improve financial performance

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Housing Authority of the City of Pittsburgh

















Program Overview

Measurement & Verification Services

Honeywell is pleased to provide this comprehensive report of your energy consumption. This report was processed using an industry-standard program based on proven and accepted engineering formulas for energy conservation and analysis.

Service Contract Number: 565-89-52029

Baseline Period: Calendar Yrs. 2004, 2005 & 2006

Guarantee Period: September 2011 - August 2023

Guarantee Term: 12 Years

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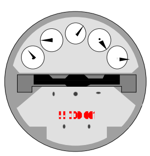
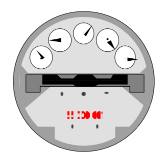
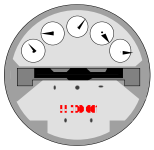


Meters Included in Report

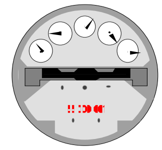


Buildings	**Electric Acct #**	**Gas Acct #**	**Water Acct #**
Addison Terrace		2-0000-481-2216	201881
		2-0000-387-0074	201882
			201883
Bedford Dwellings		0900608-210691	
		4578803-274077	
Arlington Heights	4000-004-642-001	0900608-196578	201494
Allegheny Dwellings		0900608-169042	201662
		0900608-315595	201663
		0900608-422918	
Northview Heights & High Rise	9000-001-979-001	0900608-116176	201693
			201694
Hamilton-Larimer		0900608-421814	202112
Pennsylvania-Bidwell		0900608-280359	125461
Pressley Street		0900608-210020	137061
			137062

Program Overview



Meters Included in Report



Buildings	Electric Acct #	Gas Acct #	Water Acct #
Homewood North	1000-538-716-001	0900608-120956	165740
	2000-541-678-001	0900608-137716	165741
	3000-538-693-001	0900608-146749	211622
	4000-537-155-001	0900608-183554	215886
	4000-538-691-001	0900608-374664	215887
	5000-537-153-001	2-0000-442-1893	215888
	5000-538-717-001		1021-980
	5000-541-792-001		885-852
	5000-542-549-001		93033-88568
	6000-538-715-001		93035-88570
	6001-055-907-001		93037-88572
	7000-538-694-001		93817-980
	7000-541-679-001		
	8000-538-692-001		
	8000-538-736-001		
	8000-542-550-001		
	9000-537-154-001		
	9000-541-793-001		
	000-537-152-001		
	0000-538-718-001		
Murray Towers		2-0000-387-03414	190254
Mazza Pavillon (Brookline)		0900608-307611	261244
			24-0733625-0
			24-0750368-5
Caliguiri Plaza (Allentown)		0900608-410310	201368
Morse Gardens		0900608-200444	102365
			103336
D.A.P. Carrick Regency		0900608-389302	255656
			24-0704817-8
			24-0750415-4
Gualtieri Manor		1009-2775-001-7	281276
			24-0725936-1
Finello Pavillion		2-0000-382-5003	

Retrofit Highlights

- Lighting
- Water Conservation (showers, faucet aerators, toilets)
- Refrigerators
- Building Envelope
- Roofs and Insulation (attics)
- Limiting Thermostats
- Geothermal Heat Pump Systems
- New Boilers
- Adjust CFMs and New Ventilation Units
- Radiator Control Valves
- Ventilation Unit Heat Recovery
- Insulate Make up Air Ducts

Determination of Energy Savings

Theory of Energy Management

Energy conservation measures (ECM) include the installation of equipment or systems for the purpose of reducing energy use and/or costs. The cost of ECM implementation is recovered through the savings created by the ECM. The Federal Energy Management Program (F.E.M.P) of the U.S. Department of Energy and its Measurement and Verification Guidelines for Federal Energy Projects classify measurement and verification approaches as Options A, B, C, and D. The F.E.M.P. Guideline is based on the International Performance Measurement and Verification Protocol (I.P.M.V.P.).

Option A: Verification techniques determine savings by measuring the performance of a system before and after a retrofit, either through physical measurement or the use of manufacturer data, and multiplying the difference by an agreed-upon or stipulated factor, such as hours of operation.

Option B: Verification techniques are designed for projects where long-term continuous measurement of performance is desired. Metering is conducted on an individual system level, and the measured performance is compared with a baseline to determine savings.

Option C: Verification techniques involve utility whole building meter analysis, reviewing overall energy use, and identifying the effects of energy projects on a facility. Energy use before and after a retrofit project is compared to determine savings.

Option D: Computer models are developed that use calibrated simulations of baseline and post-installation energy use to measure savings.

Methodology

<u>Scope of Work</u>

The following page details each ECM and the IPMVP methodology used

ECM	ECM Description	Post-Installation Option	Performance Period Option
1,2	Lighting	B (measured sample set)	A
6	Refrigerators	B (measured sample set)	A
10,11	Water Conservation (showers, faucet aerators, toilets)	B (measured sample set)	A (electric), A (gas & water at Mazza Pavilion) C (gas and water for remaining sites)
16	Building Envelope	A (visual inspection)	A for cooling, C for gas heating
18	Roofs and Insulation (attics)	A (visual inspection)	A for cooling, C for gas heating,
21	Limiting Thermostats	A (visual inspection)	A (tenant paid allowance sites), C (gas at frozen base sites)
26	Geothermal Heat Pump Systems	A (visual inspection)	C (electric and gas)
27	New Boilers	A (visual inspection)	C (gas)
29,30	Adjust CFMs and New Ventilation Units	A (visual inspection)	A (electric), C (gas)
31	Radiator Control Valves	A (visual inspection)	C (gas)
32	Ventilation Unit Heat Recovery	A (visual inspection)	A for electric, C for gas
37	Insulate Make up Air Ducts	A (visual inspection)	A (electric), C (gas)

Annual Guarantee Amount

The guarantee table below reflects Honeywell's annual guarantee, which will provide the housing authority the amount needed to cover the principal amount to be paid to a financial institution, the interest amount to be paid to a financial institution, and on-going M&V costs to be paid to Honeywell, for each performance year. The total shown is the cost of the project over the 12-year term.

		Savings					Amortization			P+I+Service	Savings %
		Energy	RBY	Total	M&V	Total	Interest	Principal	Balance	= Honeywell Guarantee	Guaranteed by HW
Escalation Over Term		16.3%	0.0%		3.0%						
0	Year 1	$ 2,584,170	$ -	$ 2,584,170	$ 72,342	$ 72,342	$ 1,191,039.78	$ 1,320,788.22	$ 25,171,724.12	$ 2,584,170	92.59%
1	Year 2	$ 2,653,236	$ -	$ 2,653,236	$ 74,512	$ 74,512	$ 1,127,557.67	$ 1,451,158.33	$ 23,720,565.79	$ 2,653,228	92.59%
2	Year 3	$ 2,724,373	$ -	$ 2,724,373	$ 76,747	$ 76,747	$ 1,057,907.42	$ 1,589,712.58	$ 22,130,853.21	$ 2,724,367	92.59%
3	Year 4	$ 2,797,645	$ -	$ 2,797,645	$ 79,049	$ 79,049	$ 981,703.48	$ 1,736,884.52	$ 20,393,968.70	$ 2,797,637	92.59%
4	Year 5	$ 2,873,114	$ -	$ 2,873,114	$ 81,420	$ 81,420	$ 898,539.46	$ 1,893,152.54	$ 18,500,816.15	$ 2,873,112	92.59%
5	Year 6	$ 2,950,848	$ -	$ 2,950,848	$ 83,863	$ 83,863	$ 807,986.95	$ 2,058,993.05	$ 16,441,823.10	$ 2,950,843	92.59%
6	Year 7	$ 3,030,913	$ -	$ 3,030,913	$ 86,379	$ 86,379	$ 709,594.70	$ 2,234,929.30	$ 14,206,893.80	$ 3,030,903	92.59%
7	Year 8	$ 3,113,381	$ -	$ 3,113,381	$ 88,970	$ 88,970	$ 602,886.58	$ 2,421,521.42	$ 11,785,372.38	$ 3,113,378	92.59%
8	Year 9	$ 3,198,323	$ -	$ 3,198,323	$ 91,639	$ 91,639	$ 487,360.92	$ 2,619,319.08	$ 9,166,053.30	$ 3,198,319	92.59%
9	Year 10	$ 3,285,813	$ -	$ 3,285,813	$ 94,388	$ 94,388	$ 362,489.49	$ 2,828,934.51	$ 6,337,118.79	$ 3,285,812	92.59%
10	Year 11	$ 3,375,927	$ -	$ 3,375,927	$ 97,220	$ 97,220	$ 227,715.76	$ 3,050,984.24	$ 3,286,134.55	$ 3,375,920	92.59%
11	Year 12	$ 3,468,745	$ -	$ 3,468,745	$ 100,137	$ 100,137	$ 82,453.50	$ 3,286,134.55	$ -	$ 3,468,725	92.58%
	Total	$36,056,488	$ -	$ 36,056,488	$ 1,026,666	$1,026,666	$ 8,537,235.70	$ 26,492,512.34		$ 36,056,414	92.59%

Cost Avoidance Summary

Year 1 Savings		
Option A Cost Avoidance	$	432,805
Option C Cost Avoidance	$	1,928,276
Adjustments	$	207,282
Total Year 1 Savings	**$**	**2,568,363**

Year 1 Savings		
Year 1 Debt Service	$	2,511,828
Year 1 M&V Service Cost	$	72,342
Total Year 1 Energy Guarantee	**$**	**2,584,170**
Net Results	**$**	**(15,807)**
Percent of Plan		99%

Cumulative Results

TIME PERIOD		COST AVOIDANCE		ANNUAL GUARANTEE		NET RESULTS	
Year 1	9/11 - 8/12	$	2,568,363	$	2,584,170	$	(15,807)
TOTAL		**$**	**2,568,363**	**$**	**2,584,170**	**$**	**(15,807)**

Energy Avoidance Summary by Site

Site	Project Number	Project Name	Cost Summary	Electrical		Natural Gas		Water		Total Energy Savings
				Yearly Energy Savings				Yearly Savings		
			Description of ECM	(KWH)	($)	(MCF)	($)	(Kgals)	($)	($)
1	PA 1-01	Addison Terrace	Retrofit Tenant Area Lighting	524,417	$59,679		$0		$0	$59,679
1	PA 1-01	Addison Terrace	Retrofit Common Area Lighting	208,405	$23,716		$0		$0	$23,716
1	PA 1-01	Addison Terrace	High Efficiency Refrigerators	26,515	$3,017		$0		$0	$3,017
1	PA 1-01	Addison Terrace	Building Envelope	17,919	$2,039		$0		$0	$2,039
1	PA 1-01	Addison Terrace	Option C Savings			13,872	$275,643	830	$7,691	$283,334
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**777,256**	**$88,452**	**13,872**	**$275,643**	**830**	**$7,691**	**$371,786**
2	PA 1-02	Bedford Dwellings	Retrofit Tenant Area Lighting	380,228	$43,270		$0		$0	$43,270
2	PA 1-02	Bedford Dwellings	Retrofit Common Area Lighting	106,355	$12,103		$0		$0	$12,103
2	PA 1-02	Bedford Dwellings	High Efficiency Refrigerators	28,516	$3,245		$0		$0	$3,245
2	PA 1-02	Bedford Dwellings	Building Envelope	3,075	$350		$0		$0	$350
2	PA 1-02	Bedford Dwellings	Option C Savings			18,468	$366,980		$0	$366,980
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**518,174**	**$58,968**	**18,468**	**$366,980**		**$0**	**$425,948**
3	PA 1-04	Arlington Heights	Option C Savings	(389,462)	($44,339)	6,434	$127,842	7,414	$68,727	$152,229
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**(389,462)**	**($44,339)**	**6,434**	**$127,842**	**7,414**	**$68,727**	**$152,229**
4	PA 1-05	Allegheny Dwellings	Retrofit Tenant Area Lighting	295,457	$33,623		$0		$0	$33,623
4	PA 1-05	Allegheny Dwellings	Retrofit Common Area Lighting	31,790	$3,618		$0		$0	$3,618
4	PA 1-05	Allegheny Dwellings	High Efficiency Refrigerators	14,062	$1,600		$0		$0	$1,600
4	PA 1-05	Allegheny Dwellings	Water Conservations	222,931	$25,370		$0		$0	$25,370
4	PA 1-05	Allegheny Dwellings	Building Envelope	7,255	$826		$0		$0	$826
4	PA 1-05	Allegheny Dwellings	Option C Savings			1,253	$24,907	6,523	$60,471	$85,378
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**571,495**	**$65,036**	**1,253**	**$24,907**	**6,523**	**$60,471**	**$150,415**

Energy Avoidance Summary by Site

Site	Project Number	Project Name	Cost Summary	Electrical		Natural Gas		Water		Total Energy Savings
				Yearly Energy Savings				Yearly Savings		
			Description of ECM	(KWH)	($)	(MCF)	($)	(Kgals)	($)	($)
5	PA 1-09	Northview Heights	Option C Savings	(2,415,873)	($275,047)	31,681	$629,517	4,669	$43,278	$397,747
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**(2,415,873)**	**($275,047)**	**31,681**	**$629,517**	**4,669**	**$43,278**	**$397,747**
7	PA 1-11	Hamilton-Larimer	Retrofit Tenant Area Lighting	41,936	$4,772		$0		$0	$4,772
7	PA 1-11	Hamilton-Larimer	Retrofit Common Area Lighting	32,079	$3,651		$0		$0	$3,651
7	PA 1-11	Hamilton-Larimer	High Efficiency Refrigerators	19,494	$2,218		$0		$0	$2,218
7	PA 1-11	Hamilton-Larimer	Option C Savings	0	$0	1,268	$25,192	2,239	$20,761	$45,953
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**93,509**	**$10,641**	**1,268**	**$25,192**	**2,239**	**$20,761**	**$56,594**
8	PA 1-15	Pennsylvania-Bidwell	Retrofit Tenant Area Lighting	84,959	$9,668		$0		$0	$9,668
8	PA 1-15	Pennsylvania-Bidwell	Retrofit Common Area Lighting	15,929	$1,813		$0		$0	$1,813
8	PA 1-15	Pennsylvania-Bidwell	Building Envelope	3,688	$420		$0		$0	$420
8	PA 1-15	Pennsylvania-Bidwell	Option C Savings	0	$0	2,236	$44,432	2,020	$18,728	$63,160
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**104,576**	**$11,901**	**2,236**	**$44,432**	**2,020**	**$18,728**	**$75,061**
9	PA 1-17	Pressley Street	Retrofit Tenant Area Lighting	68,020	$7,741		$0		$0	$7,741
9	PA 1-17	Pressley Street	Retrofit Common Area Lighting	278,784	$31,726		$0		$0	$31,726
9	PA 1-17	Pressley Street	Building Envelope	4,321	$492		$0		$0	$492
9	PA 1-17	Pressley Street	Option C Savings	0	$0	52	$1,026	1,943	$18,013	$19,039
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**351,125**	**$39,958**	**52**	**$1,026**	**1,943**	**$18,013**	**$58,997**
10	PA 1-20	Homewood North	Option C Savings	(466,620)	($53,101)	17,713	$351,971	5,089	$47,178	$346,048
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**-466,620**	**-$53,101**	**17,713**	**$351,971**	**5,089**	**$47,178**	**$346,048**

Energy Avoidance Summary by Site

Site	Project Number	Project Name	Cost Summary	Electrical		Natural Gas		Water		Total Energy Savings
				Yearly Energy Savings				Yearly Savings		
			Description of ECM	(KWH)	($)	(MCF)	($)	(Kgals)	($)	($)
11	PA 1-31	Murray Towers	Retrofit Tenant Area Lighting	46,433	$5,284		$0		$0	$5,284
11	PA 1-31	Murray Towers	Retrofit Common Area Lighting	67,034	$7,628		$0		$0	$7,628
11	PA 1-31	Murray Towers	Building Envelope	674	$77		$0		$0	$77
11	PA 1-31	Murray Towers	Roof Replacement with Added Insulation	146	$17		$0		$0	$17
11	PA 1-31	Murray Towers	New Ventilation Unit	13,243	$1,507		$0		$0	$1,507
11	PA 1-31	Murray Towers	New Ventilation Unit	3,842	$437		$0		$0	$437
11	PA 1-31	Murray Towers	Insulated Duct	212	$24		$0		$0	$24
11	PA 1-31	Murray Towers	Option C Savings	0	$0	3,069	60,982	2,365	21,924	$82,906
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**131,585**	**$14,974**	**3,069**	**$60,982**	**2,365**	**$21,924**	**$97,880**

Site	Project Number	Project Name	Description of ECM	(KWH)	($)	(MCF)	($)	(Kgals)	($)	($)
12	PA 1-32	Glen Hazel Family	Retrofit Tenant Area Lighting	153,182	$17,432		$0		$0	$17,432
12	PA 1-32	Glen Hazel Family	Retrofit Common Area Lighting	0	$0		$0		$0	$0
12	PA 1-32	Glen Hazel Family	High Efficiency Refrigerators	34,071	$3,877		$0		$0	$3,877
12	PA 1-32	Glen Hazel Family	Water Conservations	0	$0	840	$16,684	1,797	$16,655	$33,339
12	PA 1-32	Glen Hazel Family	Limiting Thermostats	0	$0	2,294	$45,573			$45,573
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**187,253**	**$21,309**	**3,133**	**$62,257**	**1,797**	**$16,655**	**$100,222**

Site	Project Number	Project Name	Description of ECM	(KWH)	($)	(MCF)	($)	(Kgals)	($)	($)
13	PA 1-40	Mazza Pavilion	Retrofit Tenant Area Lighting				$0		$0	$0
13	PA 1-40	Mazza Pavilion	Retrofit Common Area Lighting				$0		$0	$0
13	PA 1-40	Mazza Pavilion	Building Envelope				$0		$0	$0
13	PA 1-40	Mazza Pavilion	Option C Savings			0	$0	0	$0	$0
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**0**	**$0**	**0**	**$0**	**0**	**0**	**$0**

Energy Avoidance Summary by Site

Site	Project Number	Project Name	Cost Summary	Electrical		Natural Gas		Water		Total Energy Savings
				Yearly Energy Savings				Yearly Savings		
			Description of ECM	**(KWH)**	**($)**	**(MCF)**	**($)**	**(Kgals)**	**($)**	**($)**
14	PA 1-41	Caluguiri Plaza	Retrofit Tenant Area Lighting	53,296	$6,065		$0		$0	$6,065
14	PA 1-41	Caluguiri Plaza	Retrofit Common Area Lighting	30,311	$3,449		$0		$0	$3,449
14	PA 1-41	Caluguiri Plaza	Building Envelope	1,161	$132		$0		$0	$132
14	PA 1-41	Caluguiri Plaza	Limiting Thermostats	30,433	$3,463		$0		$0	$3,463
14	PA 1-41	Caluguiri Plaza	Option C Savings	0	$0	1,125	$22,351	1,767	$16,381	$38,732
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**115,201**	**$13,110**	**1,125**	**$22,351**	**1,767**	**$16,381**	**$51,842**
15	PA 1-44	Finello Pavilion	Retrofit Tenant Area Lighting	24,773	$2,819		$0		$0	$2,819
15	PA 1-44	Finello Pavilion	Retrofit Common Area Lighting	17,579	$2,000		$0		$0	$2,000
15	PA 1-44	Finello Pavilion	Building Envelope	668	$76		$0		$0	$76
15	PA 1-44	Finello Pavilion	Limiting Thermostats	19,733	$2,246		$0		$0	$2,246
15	PA 1-44	Finello Pavilion	Option C Savings	0	$0	(321)	($6,385)		$0	($6,385)
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**62,753**	**$7,141**	**(321)**	**($6,385)**	**0**	**$0**	**$756**
16	PA 1-45	Morse Gardens	Retrofit Tenant Area Lighting	7,332	$834		$0		$0	$834
16	PA 1-45	Morse Gardens	Retrofit Common Area Lighting	9,164	$1,043		$0		$0	$1,043
16	PA 1-45	Morse Gardens	Limiting Thermostats	19,469	$2,216		$0		$0	$2,216
16	PA 1-45	Morse Gardens	Option C Savings	0	$0	752	$14,949	1,795	$16,641	$31,590
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**35,965**	**$4,093**	**752**	**$14,949**	**1,795**	**$16,641**	**$35,683**
17	PA 1-46	Carrick Regency	Retrofit Tenant Area Lighting	33,678	$3,833		$0		$0	$3,833
17	PA 1-46	Carrick Regency	Retrofit Common Area Lighting	53,933	$6,138		$0		$0	$6,138
17	PA 1-46	Carrick Regency	Building Envelope	1,170	$133		$0		$0	$133
17	PA 1-46	Carrick Regency	Limiting Thermostats	15,161	$1,725		$0		$0	$1,725
17	PA 1-46	Carrick Regency	Option C Savings	0	$0	125	$2,493	722	$6,693	$9,187
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**103,941**	**$11,829**	**125**	**$2,493**	**722**	**$6,693**	**$21,015**

Energy Avoidance Summary by Site

Site	Project Number	Project Name	Cost Summary	Electrical		Natural Gas		Water		Total Energy Savings
				Yearly Energy Savings				Yearly Savings		
			Description of ECM	(KWH)	($)	(MCF)	($)	(Kgals)	($)	($)
18	PA 1-47	Gualtieri Manor	Retrofit Tenant Area Lighting	16,158	$1,839		$0		$0	$1,839
18	PA 1-47	Gualtieri Manor	Retrofit Common Area Lighting	33,036	$3,759		$0		$0	$3,759
18	PA 1-47	Gualtieri Manor	Limiting Thermostats	7,751	$882		$0		$0	$882
18	PA 1-47	Gualtieri Manor	Option C Savings	0	$0	358	$7,121	567	$5,256	$12,377
			Rate Applied		**$0.11**		**$19.87**		**$9.27**	
			Totals:	**56,945**	**$6,480**	**358**	**$7,121**	**567**	**$5,256**	**$18,858**

Total ALL Sites:

(KWH)	($)	(MCF)	($)	(Water)	($)	Total Energy Savings
(162,178)	($18,595)	101,220	$2,011,278	39,740	$368,398	$2,361,081

The Rate table below outlines the rates applied throughout this report per the contractual agreement.

Utility Rate Escalation Table:

Guarantee Year	Gas Rate (MCF)	Agreed to Escalation	Water Rate (1000 gal)	Agreed to Escalation	Electricty Rate (kWh)	Agreed to Escalation
Year 1	$19.8705		$9.2700		$0.1138	
Year 2	$20.4666	3%	$9.5481	3%	$0.1138	0%
Year 3	$21.0806	3%	$9.8345	3%	$0.1138	0%
Year 4	$21.7130	3%	$10.1296	3%	$0.1138	0%
Year 5	$22.3644	3%	$10.4335	3%	$0.1138	0%
Year 6	$23.0354	3%	$10.7465	3%	$0.1138	0%
Year 7	$23.7264	3%	$11.0689	3%	$0.1138	0%
Year 8	$24.4382	3%	$11.4009	3%	$0.1138	0%
Year 9	$25.1714	3%	$11.7430	3%	$0.1138	0%
Year 10	$25.9265	3%	$12.0952	3%	$0.1138	0%
Year 11	$26.7043	3%	$12.4581	3%	$0.1138	0%
Year 12	$27.5054	3%	$12.8318	3%	$0.1138	0%

Option C Savings

		Electric Savings		Gas Savings		Water / Sewer Savings		Total Savings
HA Site #	Site Name	kWh	Annual Savings	MCF	Annual Savings	1000 Gal/yr.	Annual Savings	Savings/yr.
PA 1-01	Addison Terrance			13,872	$275,643	830	$7,691	**$283,334**
PA 1-02	Bedford Dwellings			18,468	$366,980			**$366,980**
PA 1-04	Arlington Heights	(389,462)	($44,339)	6,434	$127,842	7,414	$68,727	**$152,229**
PA 1-05	Allegheny Dwellings			1,253	$24,907	6,523	$60,471	**$85,378**
PA 1-09	Northview Heights	(2,415,873)	($275,047)	31,681	$629,517	4,669	$43,278	**$397,747**
PA 1-11	Hamilton-Larimer			1,268	$25,192	2,239	$20,761	**$45,953**
PA 1-15	Pennsylvania-Bidwell			2,236	$44,432	2,020	$18,728	**$63,160**
PA 1-17	Pressley Street			52	$1,026	1,943	$18,013	**$19,039**
PA 1-20	Homewood North	(466,620)	($53,101)	17,713	$351,971	5,089	$47,178	**$346,048**
PA 1-31	Murray Tower			3,069	$60,982	2,365	$21,924	**$82,906**
PA 1-40	Mazza Pavilion (Brookline)							
PA 1-41	Caliguiri Plaza (Allentown)			1,125	$22,351	1,767	$16,381	**$38,732**
PA 1-44	Finello Pavilion (South Oakland)			(321)	($6,385)			**($6,385)**
PA 1-45	Morse Gardens			752	$14,949	1,795	$16,641	**$31,590**
PA 1-46	Carrick Regency			125	$2,493	722	$6,693	**$9,187**
PA 1-47	Gualtieri Manor			358	$7,121	567	$5,256	**$12,377**
		(3,271,955)	**($372,488)**	**98,086**	**$1,949,021**	**37,943**	**$351,743**	**$1,928,276**

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-01 Water

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	3,582	3,225	3,453	3,991	4,311	4,445	4,984	7,448	4,464	6,169	2,985	3,457
YTD Use	3,582	6,807	10,260	14,251	18,562	23,007	27,991	35,439	39,903	46,072	49,057	52,514
Month $	$ 33,205	$ 29,896	$ 32,009	$ 37,000	$ 39,963	$ 41,205	$ 46,202	$ 69,043	$ 41,381	$ 57,187	$ 27,671	$ 32,046
YTD $	$ 33,205	$ 63,101	$ 95,110	$ 132,110	$ 172,073	$ 213,278	$ 259,480	$ 328,523	$ 369,904	$ 427,091	$ 454,762	$ 486,808
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.271	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	3,386	3,165	3,636	3,904	4,231	4,932	5,173	7,031	5,122	5,513	3,076	3,385
YTD Use	3,386	6,551	10,187	14,091	18,322	23,254	28,427	35,458	40,579	46,092	49,169	52,554
Month $	$ 31,386	$ 29,342	$ 33,709	$ 36,186	$ 39,221	$ 45,717	$ 47,956	$ 65,177	$ 47,479	$ 51,105	$ 28,518	$ 31,378
YTD $	$ 31,386	$ 60,728	$ 94,436	$ 130,622	$ 169,844	$ 215,561	$ 263,516	$ 328,693	$ 376,172	$ 427,277	$ 455,795	$ 487,173
BP Length	29	30	31	30	30	31	30	30	33	30	31	30
HDD	150	384	589	888	918	917	347	390	92	2	-	2
CDD	47	-	-	-	-	-	8	34	99	273	272	199
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	3,030	3,366	3,666	3,779	4,493	4,916	4,466	7,750	7,565	2,739	2,977	2,977
YTD Use	3,030	6,396	10,062	13,841	18,334	23,250	27,716	35,466	43,031	45,770	48,747	51,724
Month $	$ 28,088	$ 31,203	$ 33,984	$ 35,031	$ 41,650	$ 45,571	$ 41,400	$ 71,843	$ 70,128	$ 25,391	$ 27,597	$ 27,597
YTD $	$ 28,088	$ 59,291	$ 93,275	$ 128,306	$ 169,956	$ 215,528	$ 256,927	$ 328,770	$ 398,897	$ 424,288	$ 451,885	$ 479,482
BP Length	29	30	31	30	30	31	30	30	33	30	31	30
HDD	150	384	589	888	918	917	347	390	92	2	-	2
CDD	47	-	-	-	-	-	8	34	99	273	272	199
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-10.5%	6.3%	0.8%	-3.2%	6.2%	-0.3%	-13.7%	10.2%	47.7%	-50.3%	-3.2%	-12.1%
YTD Use	-10.5%	-2.4%	-1.2%	-1.8%	0.1%	-0.0%	-2.5%	0.0%	6.0%	-0.7%	-0.9%	-1.6%
Month $	-10.5%	6.3%	0.8%	-3.2%	6.2%	-0.3%	-13.7%	10.2%	47.7%	-50.3%	-3.2%	-12.1%
YTD $	-10.5%	-2.4%	-1.2%	-1.8%	0.1%	-0.0%	-2.5%	0.0%	6.0%	-0.7%	-0.9%	-1.6%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	356	(201)	(30)	125	(262)	16	707	(719)	(2,443)	2,774	99	408
YTD Use	356	155	125	250	(12)	4	711	(8)	(2,452)	322	422	830

Cost Avoidance

Month Use $	$ 3,298	$ (1,861)	$ (275)	$ 1,155	$ (2,429)	$ 146	$ 6,556	$ (6,666)	$ (22,648)	$ 25,714	$ 921	$ 3,781
YTD $	$ 3,298	$ 1,437	$ 1,162	$ 2,316	$ (113)	$ 33	$ 6,589	$ (77)	$ (22,725)	$ 2,989	$ 3,910	$ 7,691

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-01 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	815	4,788	4,586	9,736	10,041	8,679	7,959	5,065	2,474	875	577	511
YTD Use	815	5,603	10,189	19,925	29,966	38,645	46,604	51,669	54,143	55,018	55,595	56,106
Month $	$ 16,195	$ 95,140	$ 91,127	$ 193,461	$ 199,521	$ 172,457	$ 158,150	$ 100,645	$ 49,160	$ 17,387	$ 11,465	$ 10,154
YTD $	$ 16,195	$ 111,335	$ 202,462	$ 395,923	$ 595,444	$ 767,901	$ 926,051	$1,026,696	$1,075,856	$1,093,243	$1,104,708	$1,114,862
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	159	473	634	843	864	997	863	379	261	59	6	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	1,142	4,118	5,674	8,689	10,090	8,558	4,659	4,698	885	485	156	175
YTD Use	1,142	5,260	10,933	19,622	29,712	38,270	42,929	47,627	48,512	48,997	49,153	49,328
Month $	$ 22,686	$ 81,824	$ 112,741	$ 172,647	$ 200,490	$ 170,062	$ 92,575	$ 93,347	$ 17,595	$ 9,631	$ 3,093	$ 3,484
YTD $	$ 22,686	$ 104,510	$ 217,251	$ 389,898	$ 590,387	$ 760,449	$ 853,024	$ 946,371	$ 963,966	$ 973,597	$ 976,690	$ 980,175
BP Length	30	31	30	31	31	28	32	30	31	29	33	30
HDD	104	411	573	884	1,029	872	467	472	77	36	-	4
CDD	98	-	-	-	-	-	8	7	126	170	375	194
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	1,028	3,512	5,032	5,947	7,790	6,485	2,874	679	733	508	463	405
YTD Use	1,028	4,540	9,572	15,519	23,309	29,794	32,668	33,347	34,080	34,588	35,051	35,456
Month $	$ 20,427	$ 69,786	$ 99,989	$ 118,170	$ 154,792	$ 128,861	$ 57,108	$ 13,492	$ 14,565	$ 10,094	$ 9,200	$ 8,048
YTD $	$ 20,427	$ 90,213	$ 190,201	$ 308,372	$ 463,164	$ 592,025	$ 649,133	$ 662,625	$ 677,190	$ 687,284	$ 696,484	$ 704,532
BP Length	30	31	30	31	31	28	32	30	31	29	33	30
HDD	104	411	573	884	1,029	872	467	472	77	36	-	4
CDD	98	-	-	-	-	-	8	7	126	170	375	194
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-10.0%	-14.7%	-11.3%	-31.6%	-22.8%	-24.2%	-38.3%	-85.5%	-17.2%	4.8%	197.4%	131.0%
YTD Use	-10.0%	-13.7%	-12.5%	-20.9%	-21.5%	-22.1%	-23.9%	-30.0%	-29.7%	-29.4%	-28.7%	-28.1%
Month $	-10.0%	-14.7%	-11.3%	-31.6%	-22.8%	-24.2%	-38.3%	-85.5%	-17.2%	4.8%	197.4%	131.0%
YTD $	-10.0%	-13.7%	-12.5%	-20.9%	-21.5%	-22.1%	-23.9%	-30.0%	-29.7%	-29.4%	-28.7%	-28.1%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	114	606	642	2,742	2,300	2,073	1,785	4,019	152	(23)	(307)	(230)
YTD Use	114	720	1,361	4,103	6,403	8,476	10,261	14,280	14,432	14,409	14,102	13,872

Cost Avoidance

Month Use $	$ 2,259	$ 12,039	$ 12,752	$ 54,477	$ 45,698	$ 41,201	$ 35,467	$ 79,855	$ 3,030	$ (463)	$ (6,107)	$ (4,563)
YTD $	$ 2,259	$ 14,297	$ 27,049	$ 81,526	$ 127,224	$ 168,425	$ 203,891	$ 283,746	$ 286,776	$ 286,313	$ 280,206	$ 275,643

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-02 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	943	2,955	4,627	5,527	8,609	7,752	8,555	6,034	4,153	1,271	1,008	783
YTD Use	943	3,898	8,525	14,052	22,661	30,413	38,968	45,002	49,155	50,426	51,434	52,217
Month $	$ 18,738	$ 58,718	$ 91,948	$ 109,823	$ 171,066	$ 154,037	$ 169,993	$ 119,899	$ 82,523	$ 25,256	$ 20,030	$ 15,559
YTD $	$ 18,738	$ 77,456	$ 169,404	$ 279,227	$ 450,293	$ 604,330	$ 774,323	$ 894,222	$ 976,745	$1,002,001	$1,022,031	$1,037,590
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.871	$ 19.871	$ 19.872	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	1,860	4,009	5,149	7,444	8,497	7,258	4,162	4,710	1,726	1,376	1,290	1,264
YTD Use	1,860	5,869	11,018	18,462	26,959	34,217	38,379	43,089	44,815	46,191	47,481	48,745
Month $	$ 36,950	$ 79,669	$ 102,316	$ 147,921	$ 168,844	$ 144,219	$ 82,692	$ 93,594	$ 34,288	$ 27,347	$ 25,638	$ 25,125
YTD $	$ 36,950	$ 116,619	$ 218,935	$ 366,856	$ 535,700	$ 679,918	$ 762,610	$ 856,204	$ 890,492	$ 917,839	$ 943,477	$ 968,602
BP Length	30	31	30	31	31	28	30	31	31	29	32	31
HDD	90	380	543	853	998	844	407	477	66	29	-	2
CDD	98	-	-	-	-	-	8	7	126	154	379	208
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	744	2,407	3,954	4,337	5,269	4,415	3,137	3,234	954	687	552	587
YTD Use	744	3,151	7,105	11,442	16,711	21,126	24,263	27,497	28,451	29,138	29,690	30,277
Month $	$ 14,784	$ 47,829	$ 78,568	$ 86,179	$ 104,698	$ 87,729	$ 62,334	$ 64,262	$ 18,957	$ 13,651	$ 10,969	$ 11,664
YTD $	$ 14,784	$ 62,612	$ 141,181	$ 227,359	$ 332,058	$ 419,786	$ 482,120	$ 546,382	$ 565,338	$ 578,990	$ 589,958	$ 601,622
BP Length	30	31	30	31	31	28	30	31	31	29	32	31
HDD	90	380	543	853	998	844	407	477	66	29	-	2
CDD	98	-	-	-	-	-	8	7	126	154	379	208
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-60.0%	-40.0%	-23.2%	-41.7%	-38.0%	-39.2%	-24.6%	-31.3%	-44.7%	-50.1%	-57.2%	-53.6%
YTD Use	-60.0%	-46.3%	-35.5%	-38.0%	-38.0%	-38.3%	-36.8%	-36.2%	-36.5%	-36.9%	-37.5%	-37.9%
Month $	-60.0%	-40.0%	-23.2%	-41.7%	-38.0%	-39.2%	-24.6%	-31.3%	-44.7%	-50.1%	-57.2%	-53.6%
YTD $	-60.0%	-46.3%	-35.5%	-38.0%	-38.0%	-38.3%	-36.8%	-36.2%	-36.5%	-36.9%	-37.5%	-37.9%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	1,116	1,602	1,195	3,107	3,228	2,843	1,025	1,476	772	689	738	677
YTD Use	1,116	2,718	3,913	7,020	10,248	13,091	14,116	15,592	16,364	17,053	17,791	18,468

Cost Avoidance

Month Use $	$ 22,166	$ 31,841	$ 23,748	$ 61,742	$ 64,146	$ 56,490	$ 20,358	$ 29,332	$ 15,332	$ 13,696	$ 14,669	$ 13,461
YTD $	$ 22,166	$ 54,007	$ 77,754	$ 139,497	$ 203,642	$ 260,132	$ 280,490	$ 309,822	$ 325,154	$ 338,849	$ 353,519	$ 366,980

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-04 Electric

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	53,333	57,067	60,000	64,823	55,994	53,667	57,000	51,533	51,133	51,067	62,867	56,533
YTD Use	53,333	110,400	170,400	235,223	291,217	344,884	401,884	453,417	504,550	555,617	618,484	675,017
Month $	$ 6,072	$ 6,497	$ 6,831	$ 7,380	$ 6,375	$ 6,110	$ 6,489	$ 5,867	$ 5,821	$ 5,814	$ 7,157	$ 6,436
YTD $	$ 6,072	$ 12,569	$ 19,400	$ 26,780	$ 33,155	$ 39,265	$ 45,754	$ 51,621	$ 57,442	$ 63,256	$ 70,413	$ 76,849
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114
YTD Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	53,333	57,067	60,000	64,823	55,994	53,557	62,267	51,396	49,536	53,421	62,458	52,886
YTD Use	53,333	110,400	170,400	235,223	291,217	344,774	407,040	458,437	507,973	561,394	623,852	676,738
Month $	$ 6,072	$ 6,497	$ 6,831	$ 7,380	$ 6,375	$ 6,097	$ 7,089	$ 5,851	$ 5,640	$ 6,082	$ 7,111	$ 6,021
YTD $	$ 6,072	$ 12,569	$ 19,400	$ 26,780	$ 33,154	$ 39,252	$ 46,341	$ 52,192	$ 57,831	$ 63,913	$ 71,024	$ 77,045
BP Length	30	31	30	31	31	28	34	30	30	31	31	29
HDD	90	380	543	853	998	844	467	417	68	26	-	2
CDD	98	-	-	-	-	-	8	17	116	209	336	185
Month Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114
YTD Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	76,200	77,800	89,600	124,800	118,000	115,400	87,000	79,000	68,200	76,200	76,200	77,800
YTD Use	76,200	154,000	243,600	368,400	486,400	601,800	688,800	767,800	836,000	912,200	988,400	1,066,200
Month $	$ 8,675	$ 8,857	$ 10,201	$ 14,208	$ 13,434	$ 13,138	$ 9,905	$ 8,994	$ 7,764	$ 8,675	$ 8,675	$ 8,857
YTD $	$ 8,675	$ 17,533	$ 27,733	$ 41,941	$ 55,375	$ 68,513	$ 78,418	$ 87,412	$ 95,177	$ 103,852	$ 112,527	$ 121,384
BP Length	30	31	30	31	31	28	34	30	30	31	31	29
HDD	90	380	543	853	998	844	467	417	68	26	-	2
CDD	98	-	-	-	-	-	8	17	116	209	336	185
Month Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114
YTD Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	42.9%	36.3%	49.3%	92.5%	110.7%	115.5%	39.7%	53.7%	37.7%	42.6%	22.0%	47.1%
YTD Use	42.9%	39.5%	43.0%	56.6%	67.0%	74.5%	69.2%	67.5%	64.6%	62.5%	58.4%	57.5%
Month $	42.9%	36.3%	49.3%	92.5%	110.7%	115.5%	39.7%	53.7%	37.7%	42.6%	22.0%	47.1%
YTD $	42.9%	39.5%	43.0%	56.6%	67.0%	74.5%	69.2%	67.5%	64.6%	62.5%	58.4%	57.5%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	(22,867)	(20,733)	(29,600)	(59,977)	(62,006)	(61,843)	(24,733)	(27,604)	(18,664)	(22,779)	(13,742)	(24,914)
YTD Use	(22,867)	(43,600)	(73,200)	(133,177)	(195,183)	(257,026)	(281,760)	(309,363)	(328,027)	(350,806)	(364,548)	(389,462)

Cost Avoidance

Month Use $	$ (2,603)	$ (2,360)	$ (3,370)	$ (6,828)	$ (7,059)	$ (7,041)	$ (2,816)	$ (3,143)	$ (2,125)	$ (2,593)	$ (1,564)	$ (2,836)
YTD $	$ (2,603)	$ (4,964)	$ (8,334)	$ (15,162)	$ (22,221)	$ (29,262)	$ (32,078)	$ (35,220)	$ (37,345)	$ (39,938)	$ (41,503)	$ (44,339)

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-04 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	253	1,199	1,067	1,765	1,747	1,650	1,537	1,010	470	214	405	174
YTD Use	253	1,452	2,519	4,284	6,031	7,681	9,218	10,228	10,698	10,912	11,317	11,491
Month $	$ 5,027	$ 23,825	$ 21,202	$ 35,072	$ 34,714	$ 32,786	$ 30,541	$ 20,069	$ 9,339	$ 4,252	$ 8,048	$ 3,457
YTD $	$ 5,027	$ 28,852	$ 50,054	$ 85,126	$ 119,840	$ 152,626	$ 183,167	$ 203,236	$ 212,575	$ 216,827	$ 224,875	$ 228,332
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	214	535	694	905	926	1,053	925	439	313	92	11	3
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.871	$ 19.870	$ 19.870	$ 19.869	$ 19.872	$ 19.868
YTD Rate	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	297	862	1,127	1,654	1,897	1,647	928	954	244	160	73	87
YTD Use	297	1,159	2,286	3,940	5,837	7,484	8,411	9,365	9,610	9,769	9,842	9,929
Month $	$ 5,893	$ 17,133	$ 22,394	$ 32,868	$ 37,692	$ 32,728	$ 18,430	$ 18,951	$ 4,857	$ 3,170	$ 1,442	$ 1,730
YTD $	$ 5,893	$ 23,026	$ 45,420	$ 78,288	$ 115,980	$ 148,709	$ 167,139	$ 186,090	$ 190,947	$ 194,117	$ 195,559	$ 197,289
BP Length	30	31	30	31	31	29	31	30	31	29	32	31
HDD	137	473	633	946	1,091	945	512	529	104	56	-	10
CDD	98	-	-	-	-	-	8	7	126	170	375	204
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.870

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	205	258	344	397	426	415	191	402	231	229	211	186
YTD Use	205	463	807	1,204	1,630	2,045	2,236	2,638	2,869	3,098	3,309	3,495
Month $	$ 4,073	$ 5,127	$ 6,835	$ 7,889	$ 8,465	$ 8,246	$ 3,795	$ 7,988	$ 4,590	$ 4,550	$ 4,193	$ 3,696
YTD $	$ 4,073	$ 9,200	$ 16,036	$ 23,924	$ 32,389	$ 40,635	$ 44,431	$ 52,419	$ 57,009	$ 61,559	$ 65,752	$ 69,448
BP Length	30	31	30	31	31	29	31	30	31	29	32	31
HDD	137	473	633	946	1,091	945	512	529	104	56	-	10
CDD	98	-	-	-	-	-	8	7	126	170	375	204
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-30.9%	-70.1%	-69.5%	-76.0%	-77.5%	-74.8%	-79.4%	-57.8%	-5.5%	43.5%	189.0%	113.6%
YTD Use	-30.9%	-60.0%	-64.7%	-69.4%	-72.1%	-72.7%	-73.4%	-71.8%	-70.1%	-68.3%	-66.4%	-64.8%
Month $	-30.9%	-70.1%	-69.5%	-76.0%	-77.5%	-74.8%	-79.4%	-57.8%	-5.5%	43.5%	190.8%	113.6%
YTD $	-30.9%	-60.0%	-64.7%	-69.4%	-72.1%	-72.7%	-73.4%	-71.8%	-70.1%	-68.3%	-66.4%	-64.8%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	92	604	783	1,257	1,471	1,232	737	552	13	(69)	(138)	(99)
YTD Use	92	696	1,479	2,736	4,207	5,439	6,175	6,727	6,741	6,671	6,533	6,434

Cost Avoidance

Month Use $	$ 1,820	$ 12,006	$ 15,558	$ 24,980	$ 29,227	$ 24,482	$ 14,635	$ 10,963	$ 267	$ (1,380)	$ (2,750)	$ (1,966)
YTD $	$ 1,820	$ 13,826	$ 29,384	$ 54,364	$ 83,591	$ 108,073	$ 122,708	$ 133,671	$ 133,938	$ 132,558	$ 129,808	$ 127,842

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-04 Water

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	342	373	386	483	511	1,491	685	5,634	1,639	490	686	635
YTD Use	342	715	1,101	1,584	2,095	3,586	4,271	9,905	11,544	12,034	12,720	13,355
Month $	$ 3,170	$ 3,458	$ 3,578	$ 4,478	$ 4,737	$ 13,822	$ 6,350	$ 52,227	$ 15,194	$ 4,542	$ 6,359	$ 5,886
YTD $	$ 3,170	$ 6,628	$ 10,206	$ 14,684	$ 19,421	$ 33,243	$ 39,593	$ 91,820	$ 107,014	$ 111,556	$ 117,915	$ 123,801
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 9.269	$ 9.271	$ 9.269	$ 9.271	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.269	$ 9.270	$ 9.269
YTD Rate	$ 9.269	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	342	373	386	483	511	1,544	508	4,496	2,531	782	640	669
YTD Use	342	715	1,101	1,584	2,095	3,639	4,147	8,644	11,174	11,957	12,596	13,265
Month $	$ 3,170	$ 3,458	$ 3,578	$ 4,477	$ 4,737	$ 14,315	$ 4,711	$ 41,680	$ 23,459	$ 7,252	$ 5,929	$ 6,198
YTD $	$ 3,170	$ 6,628	$ 10,206	$ 14,684	$ 19,421	$ 33,736	$ 38,447	$ 80,127	$ 103,586	$ 110,838	$ 116,767	$ 122,965
BP Length	30	31	30	31	31	29	23	31	30	30	31	32
HDD	90	380	543	853	998	858	306	454	176	29	-	2
CDD	98	-	-	-	-	-	8	7	56	193	345	231
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	428	456	450	480	496	532	529	494	471	525	485	505
YTD Use	428	884	1,334	1,814	2,310	2,842	3,371	3,865	4,336	4,861	5,346	5,851
Month $	$ 3,968	$ 4,227	$ 4,172	$ 4,450	$ 4,598	$ 4,932	$ 4,904	$ 4,579	$ 4,366	$ 4,867	$ 4,496	$ 4,681
YTD $	$ 3,968	$ 8,195	$ 12,366	$ 16,816	$ 21,414	$ 26,345	$ 31,249	$ 35,829	$ 40,195	$ 45,061	$ 49,557	$ 54,239
BP Length	30	31	30	31	31	29	23	31	30	30	31	32
HDD	90	380	543	853	998	858	306	454	176	29	-	2
CDD	98	-	-	-	-	-	8	7	56	193	345	231
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	25.1%	22.3%	16.6%	-0.6%	-2.9%	-65.5%	4.1%	-89.0%	-81.4%	-32.9%	-24.2%	-24.5%
YTD Use	25.1%	23.6%	21.2%	14.5%	10.3%	-21.9%	-18.7%	-55.3%	-61.2%	-59.3%	-57.6%	-55.9%
Month $	25.1%	22.3%	16.6%	-0.6%	-2.9%	-65.5%	4.1%	-89.0%	-81.4%	-32.9%	-24.2%	-24.5%
YTD $	25.1%	23.6%	21.2%	14.5%	10.3%	-21.9%	-18.7%	-55.3%	-61.2%	-59.3%	-57.6%	-55.9%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	(86)	(83)	(64)	3	15	1,012	(21)	4,002	2,060	257	155	164
YTD Use	(86)	(169)	(233)	(230)	(215)	797	776	4,779	6,838	7,096	7,250	7,414

Cost Avoidance

Month Use $	$ (797)	$ (769)	$ (593)	$ 28	$ 139	$ 9,384	$ (193)	$ 37,100	$ 19,093	$ 2,385	$ 1,433	$ 1,517
YTD $	$ (797)	$ (1,567)	$ (2,160)	$ (2,132)	$ (1,993)	$ 7,391	$ 7,198	$ 44,298	$ 63,391	$ 65,776	$ 67,210	$ 68,727

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-05 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	173	828	1,700	2,652	3,391	2,598	3,244	1,336	921	134	80	157
YTD Use	173	1,001	2,701	5,353	8,744	11,342	14,586	15,922	16,843	16,977	17,057	17,214
Month $	$ 3,438	$ 16,453	$ 33,780	$ 52,696	$ 67,381	$ 51,624	$ 64,460	$ 26,547	$ 18,301	$ 2,663	$ 1,590	$ 3,120
YTD $	$ 3,438	$ 19,891	$ 53,671	$ 106,367	$ 173,748	$ 225,372	$ 289,832	$ 316,379	$ 334,680	$ 337,343	$ 338,933	$ 342,053
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	92	382	544	750	771	913	770	293	188	30	-	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.873	$ 19.871	$ 19.871	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.873	$ 19.875	$ 19.873
YTD Rate	$ 19.873	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	275	1,166	1,723	2,792	3,293	2,776	1,294	1,505	216	107	53	59
YTD Use	275	1,440	3,163	5,955	9,248	12,024	13,318	14,823	15,038	15,145	15,199	15,257
Month $	$ 5,460	$ 23,163	$ 34,230	$ 55,473	$ 65,441	$ 55,161	$ 25,705	$ 29,900	$ 4,291	$ 2,126	$ 1,060	$ 1,166
YTD $	$ 5,460	$ 28,622	$ 62,852	$ 118,325	$ 183,766	$ 238,927	$ 264,633	$ 294,532	$ 298,823	$ 300,949	$ 302,009	$ 303,175
BP Length	30	31	30	31	31	28	30	31	30	30	30	33
HDD	64	321	483	791	936	788	359	419	47	16	-	-
CDD	98	-	-	-	-	-	8	7	121	159	363	224
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	60	943	1,863	2,447	2,988	2,498	1,351	1,497	254	29	27	47
YTD Use	60	1,003	2,866	5,313	8,301	10,799	12,150	13,647	13,901	13,930	13,957	14,004
Month $	$ 1,192	$ 18,738	$ 37,019	$ 48,623	$ 59,373	$ 49,637	$ 26,845	$ 29,746	$ 5,047	$ 576	$ 537	$ 934
YTD $	$ 1,192	$ 19,930	$ 56,949	$ 105,572	$ 164,946	$ 214,583	$ 241,428	$ 271,174	$ 276,221	$ 276,797	$ 277,334	$ 278,268
BP Length	30	31	30	31	31	28	30	31	30	30	30	33
HDD	64	321	483	791	936	788	359	419	47	16	-	-
CDD	98	-	-	-	-	-	8	7	121	159	363	224
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-78.2%	-19.1%	8.1%	-12.3%	-9.3%	-10.0%	4.4%	-0.5%	17.6%	-72.9%	-49.4%	-19.9%
YTD Use	-78.2%	-30.4%	-9.4%	-10.8%	-10.2%	-10.2%	-8.8%	-7.9%	-7.6%	-8.0%	-8.2%	-8.2%
Month $	-78.2%	-19.1%	8.1%	-12.3%	-9.3%	-10.0%	4.4%	-0.5%	17.6%	-72.9%	-49.4%	-19.9%
YTD $	-78.2%	-30.4%	-9.4%	-10.8%	-10.2%	-10.2%	-8.8%	-7.9%	-7.6%	-8.0%	-8.2%	-8.2%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	215	223	(140)	345	305	278	(57)	8	(38)	78	26	12
YTD Use	215	437	297	642	947	1,225	1,168	1,176	1,137	1,215	1,242	1,253

Cost Avoidance

Month Use $	$ 4,268	$ 4,425	$ (2,789)	$ 6,850	$ 6,068	$ 5,524	$ (1,140)	$ 153	$ (756)	$ 1,549	$ 524	$ 232
YTD $	$ 4,268	$ 8,692	$ 5,903	$ 12,753	$ 18,821	$ 24,345	$ 23,205	$ 23,358	$ 22,602	$ 24,152	$ 24,675	$ 24,907

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-05 Water

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	821	680	613	831	1,120	678	415	1,364	558	1,490	845	906
YTD Use	821	1,501	2,114	2,945	4,065	4,743	5,158	6,522	7,080	8,570	9,415	10,321
Month $	$ 7,611	$ 6,304	$ 5,683	$ 7,706	$ 10,382	$ 6,285	$ 3,847	$ 12,644	$ 5,173	$ 13,812	$ 7,833	$ 8,399
YTD $	$ 7,611	$ 13,915	$ 19,598	$ 27,304	$ 37,686	$ 43,971	$ 47,818	$ 60,462	$ 65,635	$ 79,447	$ 87,280	$ 95,679
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 9.270	$ 9.271	$ 9.271	$ 9.273	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.271	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.271	$ 9.271	$ 9.271	$ 9.271	$ 9.271	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	821	680	613	831	1,120	702	506	1,309	621	1,445	820	959
YTD Use	821	1,501	2,114	2,945	4,065	4,767	5,273	6,582	7,204	8,649	9,468	10,427
Month $	$ 7,611	$ 6,304	$ 5,683	$ 7,703	$ 10,382	$ 6,510	$ 4,690	$ 12,135	$ 5,760	$ 13,397	$ 7,599	$ 8,889
YTD $	$ 7,611	$ 13,914	$ 19,597	$ 27,300	$ 37,683	$ 44,192	$ 48,882	$ 61,017	$ 66,777	$ 80,174	$ 87,772	$ 96,661
BP Length	30	31	30	31	31	29	33	30	31	30	30	33
HDD	90	380	543	853	998	858	454	417	74	20	-	2
CDD	98	-	-	-	-	-	8	17	116	209	336	230
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	210	207	211	266	308	350	377	385	175	435	504	476
YTD Use	210	417	628	894	1,202	1,552	1,929	2,314	2,489	2,924	3,428	3,904
Month $	$ 1,947	$ 1,919	$ 1,956	$ 2,466	$ 2,855	$ 3,245	$ 3,495	$ 3,569	$ 1,622	$ 4,032	$ 4,672	$ 4,413
YTD $	$ 1,947	$ 3,866	$ 5,822	$ 8,287	$ 11,143	$ 14,387	$ 17,882	$ 21,451	$ 23,073	$ 27,105	$ 31,778	$ 36,190
BP Length	30	31	30	31	31	29	33	30	31	30	30	33
HDD	90	380	543	853	998	858	454	417	74	20	-	2
CDD	98	-	-	-	-	-	8	17	116	209	336	230
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-74.4%	-69.6%	-65.6%	-68.0%	-72.5%	-50.2%	-25.5%	-70.6%	-71.8%	-69.9%	-38.5%	-50.4%
YTD Use	-74.4%	-72.2%	-70.3%	-69.6%	-70.4%	-67.4%	-63.4%	-64.8%	-65.4%	-66.2%	-63.8%	-62.6%
Month $	-74.4%	-69.6%	-65.6%	-68.0%	-72.5%	-50.2%	-25.5%	-70.6%	-71.8%	-69.9%	-38.5%	-50.4%
YTD $	-74.4%	-72.2%	-70.3%	-69.6%	-70.4%	-67.4%	-63.4%	-64.8%	-65.4%	-66.2%	-63.8%	-62.6%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	611	473	402	565	812	352	129	924	446	1,010	316	483
YTD Use	611	1,084	1,486	2,051	2,863	3,215	3,344	4,268	4,715	5,725	6,040	6,523

Cost Avoidance

Month Use $	$ 5,664	$ 4,385	$ 3,727	$ 5,238	$ 7,527	$ 3,265	$ 1,195	$ 8,566	$ 4,138	$ 9,364	$ 2,927	$ 4,476
YTD $	$ 5,664	$ 10,049	$ 13,775	$ 19,013	$ 26,540	$ 29,805	$ 31,000	$ 39,566	$ 43,704	$ 53,068	$ 55,995	$ 60,471

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-09 Electric

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	341,938	352,979	383,458	443,435	381,698	375,752	371,218	327,657	363,217	368,472	380,818	374,790
YTD Use	341,938	694,917	1,078,375	1,521,810	1,903,508	2,279,260	2,650,478	2,978,135	3,341,352	3,709,824	4,090,642	4,465,432
Month $	$ 38,929	$ 40,186	$ 43,656	$ 50,484	$ 43,456	$ 42,779	$ 42,262	$ 37,303	$ 41,352	$ 41,950	$ 43,355	$ 42,669
YTD $	$ 38,929	$ 79,115	$ 122,771	$ 173,255	$ 216,711	$ 259,490	$ 301,752	$ 339,055	$ 380,407	$ 422,357	$ 465,712	$ 508,381
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114
YTD Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	341,938	352,979	383,458	443,435	381,698	374,645	426,760	319,119	389,479	368,482	355,666	406,908
YTD Use	341,938	694,917	1,078,375	1,521,810	1,903,508	2,278,153	2,704,913	3,024,033	3,413,512	3,781,994	4,137,659	4,544,567
Month $	$ 38,930	$ 40,187	$ 43,657	$ 50,485	$ 43,456	$ 42,653	$ 48,587	$ 36,332	$ 44,342	$ 41,952	$ 40,493	$ 46,326
YTD $	$ 38,930	$ 79,116	$ 122,773	$ 173,258	$ 216,714	$ 259,368	$ 307,954	$ 344,286	$ 388,628	$ 430,580	$ 471,073	$ 517,399
BP Length	30	31	30	31	31	28	36	29	33	30	29	34
HDD	90	380	543	853	998	844	494	390	88	6	-	2
CDD	98	-	-	-	-	-	8	27	106	253	292	245
Month Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114
YTD Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	392,800	445,800	581,200	757,440	745,280	783,680	486,120	481,920	497,640	562,360	596,080	630,120
YTD Use	392,800	838,600	1,419,800	2,177,240	2,922,520	3,706,200	4,192,320	4,674,240	5,171,880	5,734,240	6,330,320	6,960,440
Month $	$ 44,720	$ 50,754	$ 66,170	$ 86,235	$ 84,850	$ 89,222	$ 55,345	$ 54,867	$ 56,656	$ 64,025	$ 67,864	$ 71,739
YTD $	$ 44,720	$ 95,475	$ 161,644	$ 247,879	$ 332,729	$ 421,951	$ 477,296	$ 532,162	$ 588,819	$ 652,843	$ 720,707	$ 792,446
BP Length	30	31	30	31	31	28	36	29	33	30	29	34
HDD	90	380	543	853	998	844	494	390	88	6	-	2
CDD	98	-	-	-	-	-	8	27	106	253	292	245
Month Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114
YTD Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	14.9%	26.3%	51.6%	70.8%	95.3%	109.2%	13.9%	51.0%	27.8%	52.6%	67.6%	54.9%
YTD Use	14.9%	20.7%	31.7%	43.1%	53.5%	62.7%	55.0%	54.6%	51.5%	51.6%	53.0%	53.2%
Month $	14.9%	26.3%	51.6%	70.8%	95.3%	109.2%	13.9%	51.0%	27.8%	52.6%	67.6%	54.9%
YTD $	14.9%	20.7%	31.7%	43.1%	53.5%	62.7%	55.0%	54.6%	51.5%	51.6%	53.0%	53.2%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	(50,862)	(92,821)	(197,742)	(314,005)	(363,582)	(409,035)	(59,360)	(162,801)	(108,161)	(193,878)	(240,414)	(223,213)
YTD Use	(50,862)	(143,683)	(341,425)	(655,430)	(1,019,012)	(1,428,047)	(1,487,407)	(1,650,207)	(1,758,369)	(1,952,246)	(2,192,661)	(2,415,873)

Cost Avoidance

Month Use $	$ (5,791)	$ (10,568)	$ (22,513)	$ (35,749)	$ (41,394)	$ (46,569)	$ (6,758)	$ (18,535)	$ (12,314)	$ (22,073)	$ (27,371)	$ (25,413)
YTD $	$ (5,791)	$ (16,358)	$ (38,871)	$ (74,621)	$ (116,015)	$ (162,583)	$ (169,341)	$ (187,876)	$ (200,190)	$ (222,263)	$ (249,634)	$ (275,047)

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.
Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-09 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	1,194	3,730	5,635	9,143	10,940	9,587	9,357	5,211	3,527	1,684	1,130	1,100
YTD Use	1,194	4,924	10,559	19,702	30,642	40,229	49,586	54,797	58,324	60,008	61,138	62,238
Month $	$ 23,725	$ 74,117	$ 111,971	$ 181,671	$ 217,384	$ 190,499	$ 185,929	$ 103,546	$ 70,084	$ 33,462	$ 22,454	$ 21,858
YTD $	$ 23,725	$ 97,842	$ 209,813	$ 391,484	$ 608,868	$ 799,367	$ 985,296	$1,088,842	$1,158,926	$1,192,388	$1,214,842	$1,236,700
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	111	412	574	781	802	941	801	321	211	38	2	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.870	$ 19.871	$ 19.871	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.870	$ 19.870	$ 19.871	$ 19.870	$ 19.870	$ 19.870	$ 19.870	$ 19.870	$ 19.870	$ 19.870	$ 19.870	$ 19.870

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	1,656	4,486	6,120	9,318	10,803	9,170	4,789	5,484	1,476	1,059	931	912
YTD Use	1,656	6,142	12,262	21,581	32,384	41,553	46,343	51,827	53,302	54,361	55,293	56,205
Month $	$ 32,912	$ 89,133	$ 121,615	$ 185,160	$ 214,660	$ 182,205	$ 95,167	$ 108,969	$ 29,320	$ 21,043	$ 18,505	$ 18,130
YTD $	$ 32,912	$ 122,046	$ 243,661	$ 428,821	$ 643,482	$ 825,686	$ 920,854	$1,029,823	$1,059,143	$1,080,186	$1,098,691	$1,116,821
BP Length	30	31	30	31	31	28	30	31	31	29	32	31
HDD	77	350	513	822	967	816	383	448	56	21	-	1
CDD	98	-	-	-	-	-	8	7	126	154	379	208
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.871	$ 19.870
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	1,202	1,865	2,700	2,815	3,400	2,901	2,185	2,347	1,514	1,231	1,209	1,155
YTD Use	1,202	3,067	5,767	8,582	11,982	14,883	17,068	19,415	20,929	22,160	23,369	24,524
Month $	$ 23,884	$ 37,058	$ 53,650	$ 55,935	$ 67,560	$ 57,644	$ 43,417	$ 46,636	$ 30,084	$ 24,461	$ 24,023	$ 22,950
YTD $	$ 23,884	$ 60,943	$ 114,593	$ 170,529	$ 238,088	$ 295,733	$ 339,150	$ 385,786	$ 415,870	$ 440,330	$ 464,354	$ 487,304
BP Length	30	31	30	31	31	28	30	31	31	29	32	31
HDD	77	350	513	822	967	816	383	448	56	21	-	1
CDD	98	-	-	-	-	-	8	7	126	154	379	208
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-27.4%	-58.4%	-55.9%	-69.8%	-68.5%	-68.4%	-54.4%	-57.2%	2.6%	16.2%	29.8%	26.6%
YTD Use	-27.4%	-50.1%	-53.0%	-60.2%	-63.0%	-64.2%	-63.2%	-62.5%	-60.7%	-59.2%	-57.7%	-56.4%
Month $	-27.4%	-58.4%	-55.9%	-69.8%	-68.5%	-68.4%	-54.4%	-57.2%	2.6%	16.2%	29.8%	26.6%
YTD $	-27.4%	-50.1%	-53.0%	-60.2%	-63.0%	-64.2%	-63.2%	-62.5%	-60.7%	-59.2%	-57.7%	-56.4%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	454	2,621	3,420	6,503	7,403	6,269	2,604	3,137	(38)	(172)	(278)	(243)
YTD Use	454	3,075	6,495	12,999	20,402	26,670	29,275	32,412	32,373	32,201	31,924	31,681

Cost Avoidance

Month Use $	$ 9,028	$ 52,075	$ 67,965	$ 129,225	$ 147,101	$ 124,561	$ 51,750	$ 62,333	$ (764)	$ (3,418)	$ (5,518)	$ (4,820)
YTD $	$ 9,028	$ 61,103	$ 129,068	$ 258,293	$ 405,393	$ 529,954	$ 581,704	$ 644,037	$ 643,273	$ 639,855	$ 634,337	$ 629,517

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-09 Water

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	2,204	1,345	1,282	1,042	3,317	4,498	1,743	3,344	3,386	1,507	1,890	1,744
YTD Use	2,204	3,549	4,831	5,873	9,190	13,688	15,431	18,775	22,161	23,668	25,558	27,302
Month $	$ 20,431	$ 12,468	$ 11,884	$ 9,661	$ 30,749	$ 41,696	$ 16,158	$ 30,999	$ 31,388	$ 13,970	$ 17,520	$ 16,167
YTD $	$ 20,431	$ 32,899	$ 44,783	$ 54,444	$ 85,193	$ 126,889	$ 143,047	$ 174,046	$ 205,434	$ 219,404	$ 236,924	$ 253,091
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.272	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	2,204	1,345	1,282	1,042	3,317	4,444	1,743	3,400	3,386	1,457	1,879	1,805
YTD Use	2,204	3,549	4,831	5,873	9,190	13,634	15,377	18,778	22,164	23,620	25,500	27,305
Month $	$ 20,431	$ 12,468	$ 11,884	$ 9,659	$ 30,749	$ 41,199	$ 16,158	$ 31,520	$ 31,388	$ 13,504	$ 17,421	$ 16,732
YTD $	$ 20,431	$ 32,899	$ 44,783	$ 54,443	$ 85,191	$ 126,391	$ 142,548	$ 174,068	$ 205,456	$ 218,961	$ 236,381	$ 253,114
BP Length	30	31	30	31	31	28	31	31	31	29	31	32
HDD	90	380	543	853	998	844	424	460	66	28	-	2
CDD	98	-	-	-	-	-	8	7	126	170	363	216
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	1,547	1,556	1,510	1,488	1,582	1,628	1,969	2,065	2,278	2,338	2,377	2,298
YTD Use	1,547	3,103	4,613	6,101	7,683	9,311	11,280	13,345	15,623	17,961	20,338	22,636
Month $	$ 14,341	$ 14,424	$ 13,998	$ 13,794	$ 14,665	$ 15,092	$ 18,253	$ 19,143	$ 21,117	$ 21,673	$ 22,035	$ 21,302
YTD $	$ 14,341	$ 28,765	$ 42,763	$ 56,556	$ 71,221	$ 86,313	$ 104,566	$ 123,708	$ 144,825	$ 166,498	$ 188,533	$ 209,836
BP Length	30	31	30	31	31	28	31	31	31	29	31	32
HDD	90	380	543	853	998	844	424	460	66	28	-	2
CDD	98	-	-	-	-	-	8	7	126	170	363	216
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-29.8%	15.7%	17.8%	42.8%	-52.3%	-63.4%	13.0%	-39.3%	-32.7%	60.5%	26.5%	27.3%
YTD Use	-29.8%	-12.6%	-4.5%	3.9%	-16.4%	-31.7%	-26.6%	-28.9%	-29.5%	-24.0%	-20.2%	-17.1%
Month $	-29.8%	15.7%	17.8%	42.8%	-52.3%	-63.4%	13.0%	-39.3%	-32.7%	60.5%	26.5%	27.3%
YTD $	-29.8%	-12.6%	-4.5%	3.9%	-16.4%	-31.7%	-26.6%	-28.9%	-29.5%	-24.0%	-20.2%	-17.1%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	657	(211)	(228)	(446)	1,735	2,816	(226)	1,335	1,108	(881)	(498)	(493)
YTD Use	657	446	218	(228)	1,507	4,323	4,097	5,433	6,541	5,659	5,162	4,669

Cost Avoidance

Month Use $	$ 6,090	$ (1,956)	$ (2,114)	$ (4,134)	$ 16,083	$ 26,108	$ (2,095)	$ 12,378	$ 10,271	$ (8,169)	$ (4,614)	$ (4,570)
YTD $	$ 6,090	$ 4,134	$ 2,021	$ (2,114)	$ 13,970	$ 40,078	$ 37,983	$ 50,360	$ 60,631	$ 52,462	$ 47,848	$ 43,278

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-11 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	34	158	229	321	330	395	330	119	74	11	-	-
YTD Use	34	192	421	742	1,072	1,467	1,797	1,916	1,990	2,001	2,001	2,001
Month $	$ 676	$ 3,140	$ 4,550	$ 6,376	$ 6,557	$ 7,849	$ 6,557	$ 2,365	$ 1,470	$ 174	$ -	$ -
YTD $	$ 676	$ 3,816	$ 8,366	$ 14,742	$ 21,299	$ 29,148	$ 35,705	$ 38,070	$ 39,540	$ 39,714	$ 39,714	$ 39,714
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	76	354	514	719	740	885	739	266	165	25	-	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.882	$ 19.873	$ 19.869	$ 19.863	$ 19.870	$ 19.871	$ 19.870	$ 19.874	$ 19.865	$ 15.818	$ -	$ -
YTD Rate	$ 19.882	$ 19.875	$ 19.872	$ 19.868	$ 19.868	$ 19.869	$ 19.869	$ 19.870	$ 19.869	$ 19.847	$ 19.847	$ 19.847

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	24	131	190	352	404	344	157	162	17	5	0	0
YTD Use	24	155	344	696	1,100	1,444	1,602	1,764	1,781	1,786	1,786	1,786
Month $	$ 471	$ 2,599	$ 3,775	$ 6,990	$ 8,027	$ 6,834	$ 3,127	$ 3,225	$ 338	$ 98	$ 1	$ 1
YTD $	$ 471	$ 3,070	$ 6,845	$ 13,834	$ 21,862	$ 28,696	$ 31,823	$ 35,048	$ 35,386	$ 35,484	$ 35,485	$ 35,485
BP Length	30	31	29	32	31	29	31	30	31	29	32	31
HDD	53	293	426	788	905	771	353	364	38	11	-	-
CDD	98	-	-	-	-	-	8	7	126	170	375	204
Month Rate	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.870	$ 19.871	$ 19.870	$ 19.872	$ 19.871
YTD Rate	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	3	4	41	120	133	115	54	42	6	-	-	-
YTD Use	3	7	48	168	301	416	470	512	518	518	518	518
Month $	$ 60	$ 79	$ 815	$ 2,384	$ 2,643	$ 2,285	$ 1,073	$ 835	$ 119	$ -	$ -	$ -
YTD $	$ 60	$ 139	$ 954	$ 3,338	$ 5,981	$ 8,266	$ 9,339	$ 10,174	$ 10,293	$ 10,293	$ 10,293	$ 10,293
BP Length	30	31	29	32	31	29	31	30	31	29	32	31
HDD	53	293	426	788	905	771	353	364	38	11	-	-
CDD	98	-	-	-	-	-	8	7	126	170	375	204
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ -	$ -	$ -
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-87.3%	-96.9%	-78.4%	-65.9%	-67.1%	-66.6%	-65.7%	-74.1%	-64.7%	-100.0%	-100.0%	-100.0%
YTD Use	-87.3%	-95.5%	-86.1%	-75.9%	-72.6%	-71.2%	-70.7%	-71.0%	-70.9%	-71.0%	-71.0%	-71.0%
Month $	-87.3%	-96.9%	-78.4%	-65.9%	-67.1%	-66.6%	-65.7%	-74.1%	-64.7%	-100.0%	-100.0%	-100.0%
YTD $	-87.3%	-95.5%	-86.1%	-75.9%	-72.6%	-71.2%	-70.7%	-71.0%	-70.9%	-71.0%	-71.0%	-71.0%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	21	127	149	232	271	229	103	120	11	5	0	0
YTD Use	21	148	296	528	799	1,028	1,132	1,252	1,263	1,268	1,268	1,268

Cost Avoidance

Month Use $	$ 411	$ 2,520	$ 2,960	$ 4,605	$ 5,385	$ 4,549	$ 2,054	$ 2,390	$ 219	$ 98	$ 1	$ 1
YTD $	$ 411	$ 2,931	$ 5,891	$ 10,496	$ 15,881	$ 20,430	$ 22,484	$ 24,874	$ 25,093	$ 25,191	$ 25,192	$ 25,192

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-11 Water

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	272	253	324	255	271	273	169	323	516	279	272	269
YTD Use	272	525	849	1,104	1,375	1,648	1,817	2,140	2,656	2,935	3,207	3,476
Month $	$ 2,521	$ 2,345	$ 3,003	$ 2,365	$ 2,512	$ 2,531	$ 1,567	$ 2,994	$ 4,783	$ 2,586	$ 2,521	$ 2,494
YTD $	$ 2,521	$ 4,866	$ 7,869	$ 10,234	$ 12,746	$ 15,277	$ 16,844	$ 19,838	$ 24,621	$ 27,207	$ 29,728	$ 32,222
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 9.268	$ 9.269	$ 9.269	$ 9.275	$ 9.269	$ 9.271	$ 9.272	$ 9.269	$ 9.269	$ 9.269	$ 9.268	$ 9.271
YTD Rate	$ 9.268	$ 9.269	$ 9.269	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	272	253	324	255	271	283	287	388	435	273	262	291
YTD Use	272	525	849	1,104	1,375	1,658	1,945	2,333	2,768	3,041	3,303	3,594
Month $	$ 2,521	$ 2,345	$ 3,003	$ 2,364	$ 2,512	$ 2,621	$ 2,665	$ 3,594	$ 4,034	$ 2,533	$ 2,431	$ 2,698
YTD $	$ 2,521	$ 4,867	$ 7,870	$ 10,234	$ 12,746	$ 15,367	$ 18,032	$ 21,626	$ 25,660	$ 28,193	$ 30,624	$ 33,322
BP Length	30	31	30	31	31	29	42	30	31	30	30	33
HDD	90	380	543	853	998	858	618	281	65	-	-	15
CDD	98	-	-	-	-	-	8	48	111	311	307	188
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.272	$ 9.271	$ 9.271	$ 9.272	$ 9.272	$ 9.272

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-	-	860	65	80	60	50	50	70	40	40	40
YTD Use	-	-	860	925	1,005	1,065	1,115	1,165	1,235	1,275	1,315	1,355
Month $	$ -	$ -	$ 7,972	$ 603	$ 742	$ 556	$ 464	$ 464	$ 649	$ 371	$ 371	$ 371
YTD $	$ -	$ -	$ 7,972	$ 8,575	$ 9,316	$ 9,873	$ 10,336	$ 10,800	$ 11,449	$ 11,820	$ 12,191	$ 12,561
BP Length	30	31	30	31	31	29	42	42	30	31	30	33
HDD	90	380	543	853	998	858	618	618	281	65	-	15
CDD	98	-	-	-	-	-	8	8	48	111	311	188
Month Rate	$ -	$ -	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 12.980	$ 5.300	$ 9.275	$ 9.270
YTD Rate	$ -	$ -	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-100.0%	-100.0%	165.4%	-74.5%	-70.5%	-78.8%	-82.6%	-87.1%	-88.5%	-74.4%	-84.7%	-86.3%
YTD Use	-100.0%	-100.0%	1.3%	-16.2%	-26.9%	-35.8%	-42.7%	-50.1%	-55.4%	-58.1%	-60.2%	-62.3%
Month $	-100.0%	-100.0%	165.4%	-74.5%	-70.5%	-78.8%	-82.6%	-87.1%	-83.9%	-85.4%	-84.7%	-86.3%
YTD $	-100.0%	-100.0%	1.3%	-16.2%	-26.9%	-35.8%	-42.7%	-50.1%	-55.4%	-58.1%	-60.2%	-62.3%
BP Length	-	-	-	-	-	-	-	40.0%	-3.2%	3.3%	-	-
HDD	-	-	-	-	-	-	-	119.9%	332.3%	-	-	-
CDD	-	-	-	-	-	-	-	-84.4%	-57.2%	-64.5%	1.3%	-

Use Avoidance

Month Use	272	253	(536)	190	191	223	237	338	365	233	222	251
YTD Use	272	525	(11)	179	370	593	830	1,168	1,533	1,766	1,988	2,239

Cost Avoidance

Month Use $	$ 2,521	$ 2,345	$ (4,969)	$ 1,761	$ 1,771	$ 2,065	$ 2,202	$ 3,131	$ 3,385	$ 2,162	$ 2,060	$ 2,327
YTD $	$ 2,521	$ 4,867	$ (102)	$ 1,659	$ 3,430	$ 5,495	$ 7,696	$ 10,827	$ 14,212	$ 16,374	$ 18,434	$ 20,761

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-15 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	130	592	842	1,616	1,863	1,852	1,666	948	855	232	337	304
YTD Use	130	722	1,564	3,180	5,043	6,895	8,561	9,509	10,364	10,596	10,933	11,237
Month $	$ 2,583	$ 11,763	$ 16,731	$ 32,106	$ 37,019	$ 36,800	$ 33,104	$ 18,837	$ 16,989	$ 4,610	$ 6,696	$ 6,041
YTD $	$ 2,583	$ 14,346	$ 31,077	$ 63,183	$ 100,202	$ 137,002	$ 170,106	$ 188,943	$ 205,932	$ 210,542	$ 217,238	$ 223,279
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	92	382	544	750	771	913	770	293	188	30	-	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.869	$ 19.870	$ 19.871	$ 19.868	$ 19.871	$ 19.870	$ 19.870	$ 19.870	$ 19.870	$ 19.871	$ 19.869	$ 19.872
YTD Rate	$ 19.869	$ 19.870	$ 19.870	$ 19.869	$ 19.870	$ 19.870	$ 19.870	$ 19.870	$ 19.870	$ 19.870	$ 19.870	$ 19.870

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	279	773	1,075	1,666	1,942	1,645	874	930	252	187	163	163
YTD Use	279	1,052	2,126	3,793	5,735	7,380	8,253	9,183	9,435	9,622	9,784	9,947
Month $	$ 5,544	$ 15,357	$ 21,353	$ 33,111	$ 38,589	$ 32,686	$ 17,359	$ 18,473	$ 5,006	$ 3,712	$ 3,231	$ 3,231
YTD $	$ 5,544	$ 20,901	$ 42,255	$ 75,366	$ 113,955	$ 146,641	$ 164,000	$ 182,473	$ 187,479	$ 191,191	$ 194,422	$ 197,653
BP Length	30	31	30	31	31	28	31	31	31	30	31	31
HDD	64	321	483	791	936	788	374	404	47	16	-	-
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 19.870	$ 19.871	$ 19.871	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.870	$ 19.871	$ 19.871	$ 19.870	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	149	600	995	1,142	1,362	1,464	741	633	192	141	158	134
YTD Use	149	749	1,744	2,886	4,248	5,712	6,453	7,086	7,278	7,419	7,577	7,711
Month $	$ 2,961	$ 11,922	$ 19,771	$ 22,692	$ 27,064	$ 29,090	$ 14,724	$ 12,578	$ 3,815	$ 2,802	$ 3,140	$ 2,663
YTD $	$ 2,961	$ 14,883	$ 34,654	$ 57,346	$ 84,410	$ 113,500	$ 128,224	$ 140,802	$ 144,618	$ 147,419	$ 150,559	$ 153,221
BP Length	30	31	30	31	31	28	31	31	31	30	31	31
HDD	64	321	483	791	936	788	374	404	47	16	-	-
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-46.6%	-22.4%	-7.4%	-31.5%	-29.9%	-11.0%	-15.2%	-31.9%	-23.8%	-24.5%	-2.8%	-17.6%
YTD Use	-46.6%	-28.8%	-18.0%	-23.9%	-25.9%	-22.6%	-21.8%	-22.8%	-22.9%	-22.9%	-22.6%	-22.5%
Month $	-46.6%	-22.4%	-7.4%	-31.5%	-29.9%	-11.0%	-15.2%	-31.9%	-23.8%	-24.5%	-2.8%	-17.6%
YTD $	-46.6%	-28.8%	-18.0%	-23.9%	-25.9%	-22.6%	-21.8%	-22.8%	-22.9%	-22.9%	-22.6%	-22.5%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	130	173	80	524	580	181	133	297	60	46	5	29
YTD Use	130	303	382	907	1,487	1,668	1,800	2,097	2,157	2,203	2,207	2,236

Cost Avoidance

Month Use $	$ 2,584	$ 3,435	$ 1,582	$ 10,419	$ 11,525	$ 3,595	$ 2,635	$ 5,895	$ 1,191	$ 910	$ 91	$ 568
YTD $	$ 2,584	$ 6,018	$ 7,600	$ 18,020	$ 29,545	$ 33,140	$ 35,775	$ 41,671	$ 42,862	$ 43,772	$ 43,863	$ 44,432

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-15 Water

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	379	407	375	390	335	340	361	454	331	400	299	502
YTD Use	379	786	1,161	1,551	1,886	2,226	2,587	3,041	3,372	3,772	4,071	4,573
Month $	$ 3,513	$ 3,773	$ 3,476	$ 3,620	$ 3,105	$ 3,152	$ 3,346	$ 4,209	$ 3,068	$ 3,708	$ 2,772	$ 4,654
YTD $	$ 3,513	$ 7,286	$ 10,762	$ 14,382	$ 17,487	$ 20,639	$ 23,985	$ 28,194	$ 31,262	$ 34,970	$ 37,742	$ 42,396
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 9.269	$ 9.270	$ 9.269	$ 9.282	$ 9.269	$ 9.271	$ 9.269	$ 9.271	$ 9.269	$ 9.270	$ 9.271	$ 9.271
YTD Rate	$ 9.269	$ 9.270	$ 9.270	$ 9.273	$ 9.272	$ 9.272	$ 9.271	$ 9.271	$ 9.271	$ 9.271	$ 9.271	$ 9.271

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	379	407	375	390	335	339	361	466	320	397	303	512
YTD Use	379	786	1,161	1,551	1,886	2,225	2,586	3,051	3,372	3,769	4,072	4,583
Month $	$ 3,513	$ 3,773	$ 3,476	$ 3,615	$ 3,105	$ 3,139	$ 3,346	$ 4,317	$ 2,969	$ 3,683	$ 2,806	$ 4,743
YTD $	$ 3,513	$ 7,286	$ 10,762	$ 14,378	$ 17,483	$ 20,623	$ 23,969	$ 28,286	$ 31,255	$ 34,938	$ 37,744	$ 42,487
BP Length	30	31	30	31	31	28	31	31	30	30	31	32
HDD	90	380	543	853	998	844	424	460	65	29	-	2
CDD	98	-	-	-	-	-	8	7	126	170	363	216
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	218	217	218	217	216	215	185	224	215	208	198	232
YTD Use	218	435	653	870	1,086	1,301	1,486	1,710	1,925	2,133	2,331	2,563
Month $	$ 2,021	$ 2,012	$ 2,021	$ 2,012	$ 2,002	$ 1,993	$ 1,715	$ 2,076	$ 1,993	$ 1,928	$ 1,835	$ 2,151
YTD $	$ 2,021	$ 4,032	$ 6,053	$ 8,065	$ 10,067	$ 12,060	$ 13,775	$ 15,852	$ 17,845	$ 19,773	$ 21,608	$ 23,759
BP Length	30	31	30	31	31	28	31	31	30	30	31	32
HDD	90	380	543	853	998	844	424	460	65	29	-	2
CDD	98	-	-	-	-	-	8	7	126	170	363	216
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-42.5%	-46.7%	-41.9%	-44.4%	-35.5%	-36.5%	-48.8%	-51.9%	-32.9%	-47.7%	-34.6%	-54.7%
YTD Use	-42.5%	-44.7%	-43.8%	-43.9%	-42.4%	-41.5%	-42.5%	-44.0%	-42.9%	-43.4%	-42.8%	-44.1%
Month $	-42.5%	-46.7%	-41.9%	-44.4%	-35.5%	-36.5%	-48.8%	-51.9%	-32.9%	-47.7%	-34.6%	-54.7%
YTD $	-42.5%	-44.7%	-43.8%	-43.9%	-42.4%	-41.5%	-42.5%	-44.0%	-42.9%	-43.4%	-42.8%	-44.1%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	161	190	157	173	119	124	176	242	105	189	105	280
YTD Use	161	351	508	681	800	924	1,100	1,341	1,447	1,636	1,741	2,020

Cost Avoidance

Month Use $	$ 1,492	$ 1,761	$ 1,455	$ 1,604	$ 1,103	$ 1,146	$ 1,632	$ 2,240	$ 976	$ 1,755	$ 970	$ 2,592
YTD $	$ 1,492	$ 3,254	$ 4,709	$ 6,313	$ 7,416	$ 8,562	$ 10,194	$ 12,434	$ 13,410	$ 15,165	$ 16,136	$ 18,728

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-17 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	154	553	1,282	2,169	2,447	2,198	2,177	1,062	572	216	143	129
YTD Use	154	707	1,989	4,158	6,605	8,803	10,980	12,042	12,614	12,830	12,973	13,102
Month $	$ 3,060	$ 10,988	$ 25,476	$ 43,099	$ 48,623	$ 43,676	$ 43,258	$ 21,103	$ 11,366	$ 4,292	$ 2,841	$ 2,563
YTD $	$ 3,060	$ 14,048	$ 39,524	$ 82,623	$ 131,246	$ 174,922	$ 218,180	$ 239,283	$ 250,649	$ 254,941	$ 257,782	$ 260,345
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	63	326	484	688	709	857	709	243	144	20	-	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.870	$ 19.870	$ 19.872	$ 19.870	$ 19.870	$ 19.871	$ 19.870	$ 19.871	$ 19.871	$ 19.870	$ 19.867	$ 19.868
YTD Rate	$ 19.870	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	222	842	1,280	2,129	2,532	2,127	977	1,113	188	117	108	105
YTD Use	222	1,064	2,344	4,473	7,005	9,132	10,110	11,223	11,411	11,528	11,636	11,741
Month $	$ 4,413	$ 16,730	$ 25,437	$ 42,307	$ 50,308	$ 42,271	$ 19,422	$ 22,110	$ 3,735	$ 2,332	$ 2,147	$ 2,080
YTD $	$ 4,413	$ 21,143	$ 46,580	$ 88,887	$ 139,195	$ 181,466	$ 200,888	$ 222,999	$ 226,734	$ 229,066	$ 231,212	$ 233,292
BP Length	30	31	30	31	31	28	30	31	31	29	32	31
HDD	44	266	425	729	874	732	316	363	30	7	-	-
CDD	98	-	-	-	-	-	8	7	126	154	379	208
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.871	$ 19.870	$ 19.870
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	173	766	1,272	1,901	2,588	2,054	1,121	1,151	234	152	135	142
YTD Use	173	939	2,211	4,112	6,700	8,754	9,875	11,026	11,260	11,412	11,547	11,689
Month $	$ 3,438	$ 15,221	$ 25,275	$ 37,774	$ 51,425	$ 40,814	$ 22,275	$ 22,871	$ 4,650	$ 3,020	$ 2,683	$ 2,822
YTD $	$ 3,438	$ 18,658	$ 43,934	$ 81,708	$ 133,132	$ 173,946	$ 196,221	$ 219,092	$ 223,742	$ 226,762	$ 229,445	$ 232,266
BP Length	30	31	30	31	31	28	30	31	31	29	32	31
HDD	44	266	425	729	874	732	316	363	30	7	-	-
CDD	98	-	-	-	-	-	8	7	126	154	379	208
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-22.1%	-9.0%	-0.6%	-10.7%	2.2%	-3.4%	14.7%	3.4%	24.5%	29.5%	25.0%	35.7%
YTD Use	-22.1%	-11.8%	-5.7%	-8.1%	-4.4%	-4.1%	-2.3%	-1.8%	-1.3%	-1.0%	-0.8%	-0.4%
Month $	-22.1%	-9.0%	-0.6%	-10.7%	2.2%	-3.4%	14.7%	3.4%	24.5%	29.5%	25.0%	35.7%
YTD $	-22.1%	-11.8%	-5.7%	-8.1%	-4.4%	-4.1%	-2.3%	-1.8%	-1.3%	-1.0%	-0.8%	-0.4%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	49	76	8	228	(56)	73	(144)	(38)	(46)	(35)	(27)	(37)
YTD Use	49	125	133	361	305	378	235	197	151	116	89	52

Cost Avoidance

Month Use $	$ 975	$ 1,509	$ 162	$ 4,533	$ (1,117)	$ 1,457	$ (2,853)	$ (761)	$ (915)	$ (689)	$ (536)	$ (742)
YTD $	$ 975	$ 2,485	$ 2,647	$ 7,179	$ 6,063	$ 7,520	$ 4,667	$ 3,907	$ 2,992	$ 2,303	$ 1,768	$ 1,026

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.
Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-17 Water

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	244	346	400	452	318	557	489	763	585	695	572	866
YTD Use	244	590	990	1,442	1,760	2,317	2,806	3,569	4,154	4,849	5,421	6,287
Month $	$ 2,262	$ 3,207	$ 3,708	$ 4,194	$ 2,948	$ 5,163	$ 4,533	$ 7,073	$ 5,423	$ 6,443	$ 5,302	$ 8,028
YTD $	$ 2,262	$ 5,469	$ 9,177	$ 13,371	$ 16,319	$ 21,482	$ 26,015	$ 33,088	$ 38,511	$ 44,954	$ 50,256	$ 58,284
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 9.270	$ 9.269	$ 9.270	$ 9.279	$ 9.270	$ 9.269	$ 9.270	$ 9.270	$ 9.270	$ 9.271	$ 9.269	$ 9.270
YTD Rate	$ 9.270	$ 9.269	$ 9.270	$ 9.273	$ 9.272	$ 9.271	$ 9.271	$ 9.271	$ 9.271	$ 9.271	$ 9.271	$ 9.271

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	244	346	400	452	318	547	556	750	570	709	563	862
YTD Use	244	590	990	1,442	1,760	2,307	2,864	3,613	4,184	4,893	5,456	6,318
Month $	$ 2,262	$ 3,207	$ 3,708	$ 4,190	$ 2,948	$ 5,074	$ 5,156	$ 6,951	$ 5,288	$ 6,570	$ 5,219	$ 7,995
YTD $	$ 2,262	$ 5,469	$ 9,177	$ 13,367	$ 16,315	$ 21,389	$ 26,545	$ 33,497	$ 38,785	$ 45,355	$ 50,574	$ 58,569
BP Length	30	31	30	31	31	28	34	30	30	31	30	33
HDD	90	380	543	853	998	844	467	417	68	26	-	2
CDD	98	-	-	-	-	-	8	17	116	209	336	230
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	373	336	335	381	328	353	387	359	370	385	350	418
YTD Use	373	709	1,044	1,425	1,753	2,106	2,493	2,852	3,222	3,607	3,957	4,375
Month $	$ 3,458	$ 3,115	$ 3,105	$ 3,532	$ 3,041	$ 3,272	$ 3,587	$ 3,328	$ 3,430	$ 3,569	$ 3,245	$ 3,875
YTD $	$ 3,458	$ 6,572	$ 9,678	$ 13,210	$ 16,250	$ 19,523	$ 23,110	$ 26,438	$ 29,868	$ 33,437	$ 36,681	$ 40,556
BP Length	30	31	30	31	31	28	34	30	30	31	30	33
HDD	90	380	543	853	998	844	467	417	68	26	-	2
CDD	98	-	-	-	-	-	8	17	116	209	336	230
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	52.9%	-2.9%	-16.3%	-15.7%	3.1%	-35.5%	-30.4%	-52.1%	-35.1%	-45.7%	-37.8%	-51.5%
YTD Use	52.9%	20.2%	5.5%	-1.2%	-0.4%	-8.7%	-12.9%	-21.1%	-23.0%	-26.3%	-27.5%	-30.8%
Month $	52.9%	-2.9%	-16.3%	-15.7%	3.1%	-35.5%	-30.4%	-52.1%	-35.1%	-45.7%	-37.8%	-51.5%
YTD $	52.9%	20.2%	5.5%	-1.2%	-0.4%	-8.7%	-12.9%	-21.1%	-23.0%	-26.3%	-27.5%	-30.8%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	(129)	10	65	71	(10)	194	169	391	200	324	213	444
YTD Use	(129)	(119)	(54)	17	7	201	371	761	962	1,286	1,499	1,943

Cost Avoidance

Month Use $	$ (1,196)	$ 93	$ 603	$ 658	$ (93)	$ 1,802	$ 1,569	$ 3,623	$ 1,858	$ 3,001	$ 1,975	$ 4,120
YTD $	$ (1,196)	$ (1,103)	$ (501)	$ 158	$ 65	$ 1,867	$ 3,435	$ 7,059	$ 8,917	$ 11,918	$ 13,893	$ 18,013

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-20 Electric

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	84,432	73,196	70,953	76,009	90,147	75,593	74,397	70,170	66,203	70,897	83,634	91,172
YTD Use	84,432	157,628	228,581	304,590	394,737	470,330	544,727	614,897	681,100	751,997	835,631	926,803
Month $	$ 9,612	$ 8,333	$ 8,078	$ 8,654	$ 10,263	$ 8,606	$ 8,470	$ 7,989	$ 7,537	$ 8,071	$ 9,522	$ 10,380
YTD $	$ 9,612	$ 17,945	$ 26,023	$ 34,677	$ 44,940	$ 53,546	$ 62,016	$ 70,005	$ 77,542	$ 85,613	$ 95,135	$ 105,515
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114
YTD Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	84,432	73,196	70,953	76,009	90,147	75,801	100,172	66,000	65,889	78,970	83,125	92,847
YTD Use	84,432	157,628	228,581	304,590	394,737	470,538	570,710	636,710	702,599	781,569	864,694	957,540
Month $	$ 9,608	$ 8,330	$ 8,074	$ 8,650	$ 10,259	$ 8,626	$ 11,400	$ 7,511	$ 7,498	$ 8,987	$ 9,460	$ 10,566
YTD $	$ 9,608	$ 17,938	$ 26,013	$ 34,662	$ 44,921	$ 53,547	$ 64,947	$ 72,458	$ 79,956	$ 88,943	$ 98,402	$ 108,968
BP Length	30	31	30	31	31	28	42	29	30	32	30	32
HDD	90	380	543	853	998	844	607	284	87	-	-	10
CDD	98	-	-	-	-	-	8	48	88	325	218	195
Month Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114
YTD Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	81,680	100,440	128,440	184,560	162,040	149,880	97,440	87,120	84,920	118,880	115,320	113,440
YTD Use	81,680	182,120	310,560	495,120	657,160	807,040	904,480	991,600	1,076,520	1,195,400	1,310,720	1,424,160
Month $	$ 9,295	$ 11,430	$ 14,616	$ 21,003	$ 18,440	$ 17,056	$ 11,089	$ 9,914	$ 9,664	$ 13,529	$ 13,123	$ 12,909
YTD $	$ 9,295	$ 20,725	$ 35,342	$ 56,345	$ 74,785	$ 91,841	$ 102,930	$ 112,844	$ 122,508	$ 136,037	$ 149,160	$ 162,069
BP Length	30	31	30	31	31	28	42	29	30	32	30	32
HDD	90	380	543	853	998	844	607	284	87	-	-	10
CDD	98	-	-	-	-	-	8	48	88	325	218	195
Month Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114
YTD Rate	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114	$ 0.114

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-3.3%	37.2%	81.0%	142.8%	79.8%	97.7%	-2.7%	32.0%	28.9%	50.5%	38.7%	22.2%
YTD Use	-3.3%	15.5%	35.9%	62.6%	66.5%	71.5%	58.5%	55.7%	53.2%	52.9%	51.6%	48.7%
Month $	-3.3%	37.2%	81.0%	142.8%	79.8%	97.7%	-2.7%	32.0%	28.9%	50.5%	38.7%	22.2%
YTD $	-3.3%	15.5%	35.9%	62.6%	66.5%	71.5%	58.5%	55.7%	53.2%	52.9%	51.6%	48.7%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	2,752	(27,244)	(57,487)	(108,551)	(71,893)	(74,079)	2,732	(21,120)	(19,031)	(39,910)	(32,195)	(20,593)
YTD Use	2,752	(24,492)	(81,979)	(190,530)	(262,423)	(336,502)	(333,770)	(354,890)	(373,921)	(413,831)	(446,026)	(466,620)

Cost Avoidance

Month Use $	$ 313	$ (3,100)	$ (6,542)	$ (12,353)	$ (8,181)	$ (8,430)	$ 311	$ (2,403)	$ (2,166)	$ (4,542)	$ (3,664)	$ (2,344)
YTD $	$ 313	$ (2,787)	$ (9,329)	$ (21,682)	$ (29,864)	$ (38,294)	$ (37,983)	$ (40,386)	$ (42,552)	$ (47,094)	$ (50,758)	$ (53,101)

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-20 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	212	867	1,714	3,700	4,290	4,764	4,436	2,036	1,058	461	146	159
YTD Use	212	1,079	2,793	6,493	10,783	15,547	19,983	22,019	23,077	23,538	23,684	23,843
Month $	$ 4,213	$ 17,228	$ 34,059	$ 73,522	$ 85,247	$ 94,665	$ 88,148	$ 40,457	$ 21,024	$ 9,161	$ 2,901	$ 3,159
YTD $	$ 4,213	$ 21,441	$ 55,500	$ 129,022	$ 214,269	$ 308,934	$ 397,082	$ 437,539	$ 458,563	$ 467,724	$ 470,625	$ 473,784
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	53	300	454	657	678	829	679	221	125	16	-	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.873	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.872	$ 19.870	$ 19.868
YTD Rate	$ 19.873	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	289	1,458	2,321	4,032	4,851	4,057	1,901	1,847	224	108	91	91
YTD Use	289	1,746	4,068	8,100	12,951	17,008	18,909	20,756	20,980	21,088	21,179	21,270
Month $	$ 5,736	$ 28,963	$ 46,126	$ 80,123	$ 96,392	$ 80,621	$ 37,772	$ 36,702	$ 4,448	$ 2,146	$ 1,811	$ 1,811
YTD $	$ 5,736	$ 34,698	$ 80,824	$ 160,948	$ 257,339	$ 337,961	$ 375,733	$ 412,434	$ 416,882	$ 419,028	$ 420,839	$ 422,651
BP Length	30	31	30	31	31	28	32	30	31	30	31	31
HDD	36	242	396	698	843	704	320	312	24	4	-	-
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 19.871	$ 19.871	$ 19.870	$ 19.870	$ 19.871	$ 19.871	$ 19.870	$ 19.871	$ 19.870	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	189	271	285	334	447	410	333	337	285	218	213	235
YTD Use	189	460	745	1,079	1,526	1,936	2,269	2,606	2,891	3,109	3,322	3,557
Month $	$ 3,756	$ 5,385	$ 5,663	$ 6,637	$ 8,882	$ 8,147	$ 6,617	$ 6,696	$ 5,663	$ 4,332	$ 4,232	$ 4,670
YTD $	$ 3,756	$ 9,140	$ 14,804	$ 21,440	$ 30,322	$ 38,469	$ 45,086	$ 51,783	$ 57,446	$ 61,777	$ 66,010	$ 70,679
BP Length	30	31	30	31	31	28	32	30	31	30	31	31
HDD	36	242	396	698	843	704	320	312	24	4	-	-
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-34.5%	-81.4%	-87.7%	-91.7%	-90.8%	-89.9%	-82.5%	-81.8%	27.3%	101.9%	133.7%	157.8%
YTD Use	-34.5%	-73.7%	-81.7%	-86.7%	-88.2%	-88.6%	-88.0%	-87.4%	-86.2%	-85.3%	-84.3%	-83.3%
Month $	-34.5%	-81.4%	-87.7%	-91.7%	-90.8%	-89.9%	-82.5%	-81.8%	27.3%	101.9%	133.7%	157.8%
YTD $	-34.5%	-73.7%	-81.7%	-86.7%	-88.2%	-88.6%	-88.0%	-87.4%	-86.2%	-85.3%	-84.3%	-83.3%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	100	1,187	2,036	3,698	4,404	3,647	1,568	1,510	(61)	(110)	(122)	(144)
YTD Use	100	1,286	3,323	7,021	11,425	15,072	16,640	18,150	18,089	17,979	17,857	17,713

Cost Avoidance

Month Use $	$ 1,980	$ 23,578	$ 40,463	$ 73,487	$ 87,510	$ 72,474	$ 31,155	$ 30,005	$ (1,215)	$ (2,186)	$ (2,421)	$ (2,858)
YTD $	$ 1,980	$ 25,558	$ 66,021	$ 139,507	$ 227,017	$ 299,491	$ 330,647	$ 360,652	$ 359,437	$ 357,251	$ 354,829	$ 351,971

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-20 Water

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	1,363	821	1,139	1,023	1,287	907	1,340	1,219	3,533	1,488	1,179	1,018
YTD Use	1,363	2,184	3,323	4,346	5,633	6,540	7,880	9,099	12,632	14,120	15,299	16,317
Month $	$ 12,635	$ 7,611	$ 10,559	$ 9,482	$ 11,930	$ 8,408	$ 12,422	$ 11,300	$ 32,751	$ 13,794	$ 10,929	$ 9,437
YTD $	$ 12,635	$ 20,246	$ 30,805	$ 40,287	$ 52,217	$ 60,625	$ 73,047	$ 84,347	$ 117,098	$ 130,892	$ 141,821	$ 151,258
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.269	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	1,363	821	1,139	1,023	1,287	916	1,383	1,219	3,533	1,488	1,179	1,018
YTD Use	1,363	2,184	3,323	4,346	5,633	6,549	7,932	9,151	12,684	14,172	15,351	16,369
Month $	$ 12,635	$ 7,611	$ 10,559	$ 9,483	$ 11,930	$ 8,492	$ 12,823	$ 11,300	$ 32,751	$ 13,794	$ 10,929	$ 9,437
YTD $	$ 12,635	$ 20,246	$ 30,804	$ 40,287	$ 52,218	$ 60,710	$ 73,533	$ 84,833	$ 117,584	$ 131,378	$ 142,307	$ 151,744
BP Length	30	31	30	31	31	28	32	30	31	30	31	31
HDD	90	380	543	853	998	844	440	444	66	28	-	2
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	670	278	644	433	949	1,035	1,121	989	1,189	1,489	1,234	1,249
YTD Use	670	948	1,592	2,025	2,974	4,009	5,130	6,119	7,308	8,797	10,031	11,280
Month $	$ 6,211	$ 2,577	$ 5,970	$ 4,014	$ 8,797	$ 9,594	$ 10,392	$ 9,168	$ 11,022	$ 13,803	$ 11,439	$ 11,578
YTD $	$ 6,211	$ 8,788	$ 14,758	$ 18,772	$ 27,569	$ 37,163	$ 47,555	$ 56,723	$ 67,745	$ 81,548	$ 92,987	$ 104,565
BP Length	30	31	30	31	31	28	32	30	31	30	31	31
HDD	90	380	543	853	998	844	440	444	66	28	-	2
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-50.8%	-66.1%	-43.5%	-57.7%	-26.3%	13.0%	-19.0%	-18.9%	-66.3%	0.1%	4.7%	22.7%
YTD Use	-50.8%	-56.6%	-52.1%	-53.4%	-47.2%	-38.8%	-35.3%	-33.1%	-42.4%	-37.9%	-34.7%	-31.1%
Month $	-50.8%	-66.1%	-43.5%	-57.7%	-26.3%	13.0%	-19.0%	-18.9%	-66.3%	0.1%	4.7%	22.7%
YTD $	-50.8%	-56.6%	-52.1%	-53.4%	-47.2%	-38.8%	-35.3%	-33.1%	-42.4%	-37.9%	-34.7%	-31.1%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	693	543	495	590	338	(119)	262	230	2,344	(1)	(55)	(231)
YTD Use	693	1,236	1,731	2,321	2,659	2,540	2,802	3,032	5,376	5,375	5,320	5,089

Cost Avoidance

Month Use $	$ 6,424	$ 5,034	$ 4,589	$ 5,469	$ 3,133	$ (1,102)	$ 2,431	$ 2,132	$ 21,729	$ (9)	$ (510)	$ (2,141)
YTD $	$ 6,424	$ 11,458	$ 16,046	$ 21,516	$ 24,649	$ 23,547	$ 25,978	$ 28,110	$ 49,839	$ 49,830	$ 49,320	$ 47,178

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-31 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	64	467	738	1,111	1,151	1,444	1,160	333	168	15	-	-
YTD Use	64	531	1,269	2,380	3,531	4,975	6,135	6,468	6,636	6,651	6,651	6,651
Month $	$ 1,262	$ 9,288	$ 14,664	$ 22,088	$ 22,868	$ 28,696	$ 23,054	$ 6,608	$ 3,341	$ 297	$ -	$ -
YTD $	$ 1,262	$ 10,550	$ 25,214	$ 47,302	$ 70,170	$ 98,866	$ 121,920	$ 128,528	$ 131,869	$ 132,166	$ 132,166	$ 132,166
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	34	250	395	595	616	773	621	178	90	8	-	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.719	$ 19.889	$ 19.870	$ 19.881	$ 19.868	$ 19.873	$ 19.874	$ 19.844	$ 19.887	$ 19.800	$ -	$ -
YTD Rate	$ 19.719	$ 19.868	$ 19.869	$ 19.875	$ 19.873	$ 19.873	$ 19.873	$ 19.871	$ 19.872	$ 19.872	$ 19.872	$ 19.872

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	42	372	631	1,189	1,459	1,211	524	487	23	2	1	1
YTD Use	42	414	1,045	2,234	3,693	4,904	5,428	5,915	5,938	5,940	5,940	5,941
Month $	$ 829	$ 7,399	$ 12,539	$ 23,618	$ 28,999	$ 24,062	$ 10,406	$ 9,681	$ 459	$ 31	$ 14	$ 13
YTD $	$ 829	$ 8,228	$ 20,767	$ 44,385	$ 73,384	$ 97,446	$ 107,852	$ 117,533	$ 117,991	$ 118,022	$ 118,036	$ 118,050
BP Length	30	31	30	31	31	28	32	30	31	29	32	31
HDD	22	199	338	636	781	648	280	261	12	1	-	-
CDD	98	-	-	-	-	-	8	7	126	170	375	204
Month Rate	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.870	$ 19.871	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.870
YTD Rate	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.870	$ 19.870	$ 19.870	$ 19.870	$ 19.870	$ 19.870

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	115	173	189	520	528	462	246	436	71	42	63	27
YTD Use	115	288	477	997	1,525	1,987	2,233	2,669	2,740	2,782	2,845	2,872
Month $	$ 2,285	$ 3,438	$ 3,756	$ 10,333	$ 10,492	$ 9,180	$ 4,888	$ 8,664	$ 1,411	$ 835	$ 1,252	$ 537
YTD $	$ 2,285	$ 5,723	$ 9,478	$ 19,811	$ 30,303	$ 39,483	$ 44,371	$ 53,034	$ 54,445	$ 55,280	$ 56,532	$ 57,068
BP Length	30	31	30	31	31	28	32	30	31	29	32	31
HDD	22	199	338	636	781	648	280	261	12	1	-	-
CDD	98	-	-	-	-	-	8	7	126	170	375	204
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	175.5%	-53.5%	-70.0%	-56.3%	-63.8%	-61.8%	-53.0%	-10.5%	207.5%	2586.4%	8969.2%	3912.2%
YTD Use	175.5%	-30.5%	-54.4%	-55.4%	-58.7%	-59.5%	-58.9%	-54.9%	-53.9%	-53.2%	-52.1%	-51.7%
Month $	175.5%	-53.5%	-70.0%	-56.3%	-63.8%	-61.8%	-53.0%	-10.5%	207.5%	2586.4%	8969.1%	3912.2%
YTD $	175.5%	-30.5%	-54.4%	-55.4%	-58.7%	-59.5%	-58.9%	-54.9%	-53.9%	-53.2%	-52.1%	-51.7%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	(73)	199	442	669	931	749	278	51	(48)	(40)	(62)	(26)
YTD Use	(73)	126	568	1,237	2,168	2,917	3,195	3,246	3,198	3,158	3,095	3,069

Cost Avoidance

Month Use $	$ (1,456)	$ 3,961	$ 8,783	$ 13,285	$ 18,508	$ 14,882	$ 5,518	$ 1,018	$ (952)	$ (803)	$ (1,238)	$ (523)
YTD $	$ (1,456)	$ 2,506	$ 11,289	$ 24,574	$ 43,082	$ 57,963	$ 63,481	$ 64,498	$ 63,546	$ 62,743	$ 61,505	$ 60,982

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-31 Water

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	341	267	258	267	255	181	382	411	97	491	325	381
YTD Use	341	608	866	1,133	1,388	1,569	1,951	2,362	2,459	2,950	3,275	3,656
Month $	$ 3,161	$ 2,475	$ 2,392	$ 2,471	$ 2,364	$ 1,678	$ 3,541	$ 3,810	$ 899	$ 4,552	$ 3,013	$ 3,532
YTD $	$ 3,161	$ 5,636	$ 8,028	$ 10,499	$ 12,863	$ 14,541	$ 18,082	$ 21,892	$ 22,791	$ 27,343	$ 30,356	$ 33,888
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 9.270	$ 9.270	$ 9.271	$ 9.255	$ 9.271	$ 9.271	$ 9.270	$ 9.270	$ 9.268	$ 9.271	$ 9.271	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.267	$ 9.267	$ 9.268	$ 9.268	$ 9.268	$ 9.268	$ 9.269	$ 9.269	$ 9.269

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	341	267	258	267	255	183	394	411	97	491	325	381
YTD Use	341	608	866	1,133	1,388	1,571	1,965	2,376	2,473	2,964	3,289	3,670
Month $	$ 3,161	$ 2,475	$ 2,392	$ 2,475	$ 2,364	$ 1,694	$ 3,655	$ 3,810	$ 899	$ 4,552	$ 3,013	$ 3,532
YTD $	$ 3,161	$ 5,636	$ 8,028	$ 10,503	$ 12,867	$ 14,561	$ 18,216	$ 22,026	$ 22,925	$ 27,477	$ 30,490	$ 34,022
BP Length	30	31	30	31	31	28	32	30	31	30	31	31
HDD	90	380	543	853	998	844	440	444	66	28	-	2
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	120	113	110	115	109	106	109	105	104	104	99	111
YTD Use	120	233	343	458	567	673	782	887	991	1,095	1,194	1,305
Month $	$ 1,112	$ 1,048	$ 1,020	$ 1,066	$ 1,010	$ 983	$ 1,010	$ 973	$ 964	$ 964	$ 918	$ 1,029
YTD $	$ 1,112	$ 2,160	$ 3,180	$ 4,246	$ 5,256	$ 6,239	$ 7,249	$ 8,222	$ 9,187	$ 10,151	$ 11,068	$ 12,097
BP Length	30	31	30	31	31	28	32	30	31	30	31	31
HDD	90	380	543	853	998	844	440	444	66	28	-	2
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-64.8%	-57.7%	-57.4%	-56.9%	-57.3%	-42.0%	-72.4%	-74.5%	7.2%	-78.8%	-69.5%	-70.9%
YTD Use	-64.8%	-61.7%	-60.4%	-59.6%	-59.1%	-57.2%	-60.2%	-62.7%	-59.9%	-63.1%	-63.7%	-64.4%
Month $	-64.8%	-57.7%	-57.4%	-56.9%	-57.3%	-42.0%	-72.4%	-74.5%	7.2%	-78.8%	-69.5%	-70.9%
YTD $	-64.8%	-61.7%	-60.4%	-59.6%	-59.1%	-57.2%	-60.2%	-62.7%	-59.9%	-63.1%	-63.7%	-64.4%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	221	154	148	152	146	77	285	306	(7)	387	226	270
YTD Use	221	375	523	675	821	898	1,183	1,489	1,482	1,869	2,095	2,365

Cost Avoidance

Month Use $	$ 2,049	$ 1,428	$ 1,372	$ 1,409	$ 1,353	$ 712	$ 2,645	$ 2,837	$ (65)	$ 3,587	$ 2,095	$ 2,503
YTD $	$ 2,049	$ 3,476	$ 4,848	$ 6,257	$ 7,611	$ 8,322	$ 10,967	$ 13,804	$ 13,739	$ 17,326	$ 19,421	$ 21,924

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-40 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	64	213	291	390	401	466	400	168	114	23	2	-
YTD Use	64	277	568	958	1,359	1,825	2,225	2,393	2,507	2,530	2,532	2,532
Month $	$ 1,281	$ 4,226	$ 5,775	$ 7,766	$ 7,965	$ 9,265	$ 7,955	$ 3,337	$ 2,257	$ 449	$ 38	$ -
YTD $	$ 1,281	$ 5,507	$ 11,282	$ 19,048	$ 27,013	$ 36,278	$ 44,233	$ 47,570	$ 49,827	$ 50,276	$ 50,314	$ 50,314
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 20.016	$ 19.840	$ 19.845	$ 19.913	$ 19.863	$ 19.882	$ 19.888	$ 19.863	$ 19.798	$ 19.522	$ 19.000	$ -
YTD Rate	$ 20.016	$ 19.881	$ 19.863	$ 19.883	$ 19.877	$ 19.878	$ 19.880	$ 19.879	$ 19.875	$ 19.872	$ 19.871	$ 19.871

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	44	183	261	410	480	406	196	229	32	14	1	1
YTD Use	44	227	488	898	1,378	1,784	1,980	2,210	2,242	2,256	2,256	2,258
Month $	$ 864	$ 3,638	$ 5,190	$ 8,155	$ 9,539	$ 8,068	$ 3,891	$ 4,560	$ 636	$ 282	$ 11	$ 29
YTD $	$ 864	$ 4,503	$ 9,693	$ 17,847	$ 27,387	$ 35,454	$ 39,346	$ 43,905	$ 44,541	$ 44,823	$ 44,833	$ 44,863
BP Length	30	31	30	31	31	28	30	31	31	29	33	31
HDD	90	380	543	853	998	844	407	477	66	29	-	2
CDD	98	-	-	-	-	-	8	7	126	154	391	204
Month Rate	$ 19.870	$ 19.871	$ 19.871	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.871	$ 19.870
YTD Rate	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	7	8	20	29	48	43	27	21	17	12	12	11
YTD Use	7	15	35	64	112	155	182	203	220	232	244	255
Month $	$ 139	$ 159	$ 397	$ 576	$ 954	$ 854	$ 537	$ 417	$ 338	$ 238	$ 238	$ 219
YTD $	$ 139	$ 298	$ 695	$ 1,272	$ 2,225	$ 3,080	$ 3,616	$ 4,034	$ 4,372	$ 4,610	$ 4,848	$ 5,067
BP Length	30	31	30	31	31	28	30	31	31	29	33	31
HDD	90	380	543	853	998	844	407	477	66	29	-	2
CDD	98	-	-	-	-	-	8	7	126	154	391	204
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-83.9%	-95.6%	-92.3%	-92.9%	-90.0%	-89.4%	-86.2%	-90.8%	-46.8%	-15.3%	2107.0%	647.4%
YTD Use	-83.9%	-93.4%	-92.8%	-92.9%	-91.9%	-91.3%	-90.8%	-90.8%	-90.2%	-89.7%	-89.2%	-88.7%
Month $	-83.9%	-95.6%	-92.3%	-92.9%	-90.0%	-89.4%	-86.2%	-90.8%	-46.8%	-15.3%	2107.0%	647.4%
YTD $	-83.9%	-93.4%	-92.8%	-92.9%	-91.9%	-91.3%	-90.8%	-90.8%	-90.2%	-89.7%	-89.2%	-88.7%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	37	175	241	381	432	363	169	208	15	2	(11)	(10)
YTD Use	37	212	453	834	1,266	1,629	1,798	2,007	2,022	2,024	2,012	2,003

Cost Avoidance

Month Use $	$ 725	$ 3,479	$ 4,792	$ 7,579	$ 8,585	$ 7,213	$ 3,355	$ 4,143	$ 298	$ 43	$ (228)	$ (189)
YTD $	$ 725	$ 4,205	$ 8,997	$ 16,576	$ 25,161	$ 32,374	$ 35,729	$ 39,872	$ 40,169	$ 40,213	$ 39,985	$ 39,796

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-40 Water

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	179	112	78	110	75	100	130	95	107	192	89	59
YTD Use	179	291	369	479	554	654	784	879	986	1,178	1,267	1,326
Month $	$ 1,659	$ 1,038	$ 723	$ 1,022	$ 695	$ 927	$ 1,205	$ 881	$ 992	$ 1,780	$ 825	$ 547
YTD $	$ 1,659	$ 2,697	$ 3,420	$ 4,442	$ 5,137	$ 6,064	$ 7,269	$ 8,150	$ 9,142	$ 10,922	$ 11,747	$ 12,294
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 9.268	$ 9.268	$ 9.269	$ 9.291	$ 9.267	$ 9.270	$ 9.269	$ 9.274	$ 9.271	$ 9.271	$ 9.270	$ 9.271
YTD Rate	$ 9.268	$ 9.268	$ 9.268	$ 9.273	$ 9.273	$ 9.272	$ 9.272	$ 9.272	$ 9.272	$ 9.272	$ 9.272	$ 9.271

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	179	112	78	110	75	99	134	95	107	192	89	59
YTD Use	179	291	369	479	554	653	787	882	989	1,181	1,270	1,329
Month $	$ 1,659	$ 1,038	$ 723	$ 1,020	$ 695	$ 916	$ 1,244	$ 881	$ 992	$ 1,780	$ 825	$ 547
YTD $	$ 1,659	$ 2,698	$ 3,421	$ 4,440	$ 5,136	$ 6,052	$ 7,296	$ 8,177	$ 9,168	$ 10,948	$ 11,773	$ 12,320
BP Length	30	31	30	31	31	28	32	30	31	30	31	31
HDD	90	380	543	853	998	844	440	444	66	28	-	2
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	16	42	109	138	224	205	214	202	152	132	108	105
YTD Use	16	58	167	305	529	734	948	1,150	1,302	1,434	1,542	1,647
Month $	$ 148	$ 389	$ 1,010	$ 1,279	$ 2,076	$ 1,900	$ 1,984	$ 1,873	$ 1,409	$ 1,224	$ 1,001	$ 973
YTD $	$ 148	$ 538	$ 1,548	$ 2,827	$ 4,904	$ 6,804	$ 8,788	$ 10,661	$ 12,070	$ 13,294	$ 14,295	$ 15,268
BP Length	30	31	30	31	31	28	32	30	31	30	31	31
HDD	90	380	543	853	998	844	440	444	66	28	-	2
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.273	$ 9.269	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-91.1%	-62.5%	39.7%	25.5%	198.7%	107.4%	59.5%	112.6%	42.1%	-31.3%	21.3%	78.0%
YTD Use	-91.1%	-80.1%	-54.7%	-36.3%	-4.5%	12.4%	20.5%	30.4%	31.6%	21.4%	21.4%	23.9%
Month $	-91.1%	-62.5%	39.7%	25.5%	198.7%	107.4%	59.5%	112.6%	42.1%	-31.2%	21.3%	78.0%
YTD $	-91.1%	-80.1%	-54.7%	-36.3%	-4.5%	12.4%	20.5%	30.4%	31.6%	21.4%	21.4%	23.9%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	163	70	(31)	(28)	(149)	(106)	(80)	(107)	(45)	60	(19)	(46)
YTD Use	163	233	202	174	25	(81)	(161)	(268)	(313)	(253)	(272)	(318)

Cost Avoidance

Month Use $	$ 1,511	$ 649	$ (287)	$ (260)	$ (1,381)	$ (984)	$ (740)	$ (992)	$ (417)	$ 556	$ (176)	$ (426)
YTD $	$ 1,511	$ 2,160	$ 1,873	$ 1,613	$ 232	$ (752)	$ (1,492)	$ (2,484)	$ (2,901)	$ (2,345)	$ (2,521)	$ (2,948)

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-41 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	68	224	445	748	745	727	635	272	142	90	39	63
YTD Use	68	292	737	1,485	2,230	2,957	3,592	3,864	4,006	4,096	4,135	4,198
Month $	$ 1,351	$ 4,451	$ 8,842	$ 14,869	$ 14,804	$ 14,446	$ 12,618	$ 5,405	$ 2,822	$ 1,788	$ 775	$ 1,252
YTD $	$ 1,351	$ 5,802	$ 14,644	$ 29,513	$ 44,317	$ 58,763	$ 71,381	$ 76,786	$ 79,608	$ 81,396	$ 82,171	$ 83,423
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	53	300	454	657	678	829	679	221	125	16	-	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.868	$ 19.871	$ 19.870	$ 19.878	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.873	$ 19.867	$ 19.872	$ 19.873
YTD Rate	$ 19.868	$ 19.870	$ 19.870	$ 19.874	$ 19.873	$ 19.873	$ 19.872	$ 19.872	$ 19.872	$ 19.872	$ 19.872	$ 19.872

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	73	264	403	683	816	684	366	301	65	41	40	37
YTD Use	73	337	740	1,423	2,239	2,923	3,288	3,590	3,655	3,696	3,736	3,774
Month $	$ 1,446	$ 5,242	$ 8,017	$ 13,565	$ 16,212	$ 13,595	$ 7,265	$ 5,991	$ 1,298	$ 817	$ 798	$ 744
YTD $	$ 1,446	$ 6,687	$ 14,704	$ 28,269	$ 44,482	$ 58,077	$ 65,341	$ 71,332	$ 72,630	$ 73,447	$ 74,244	$ 74,988
BP Length	30	31	30	31	31	28	35	30	32	29	30	28
HDD	36	242	396	698	843	704	347	285	25	3	-	-
CDD	98	-	-	-	-	-	8	27	106	222	323	177
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.870	$ 19.871	$ 19.870	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	62	168	302	395	521	432	237	291	76	56	54	55
YTD Use	62	230	532	927	1,448	1,880	2,117	2,408	2,484	2,540	2,594	2,649
Month $	$ 1,232	$ 3,338	$ 6,001	$ 7,849	$ 10,353	$ 8,584	$ 4,709	$ 5,782	$ 1,510	$ 1,113	$ 1,073	$ 1,093
YTD $	$ 1,232	$ 4,570	$ 10,571	$ 18,420	$ 28,772	$ 37,357	$ 42,066	$ 47,848	$ 49,358	$ 50,471	$ 51,544	$ 52,637
BP Length	30	31	30	31	31	28	35	30	32	29	30	28
HDD	36	242	396	698	843	704	347	285	25	3	-	-
CDD	98	-	-	-	-	-	8	27	106	222	323	177
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-14.8%	-36.3%	-25.1%	-42.1%	-36.1%	-36.9%	-35.2%	-3.5%	16.4%	36.3%	34.5%	46.8%
YTD Use	-14.8%	-31.7%	-28.1%	-34.8%	-35.3%	-35.7%	-35.6%	-32.9%	-32.0%	-31.3%	-30.6%	-29.8%
Month $	-14.8%	-36.3%	-25.1%	-42.1%	-36.1%	-36.9%	-35.2%	-3.5%	16.4%	36.3%	34.5%	46.8%
YTD $	-14.8%	-31.7%	-28.1%	-34.8%	-35.3%	-35.7%	-35.6%	-32.9%	-32.0%	-31.3%	-30.6%	-29.8%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	11	96	101	288	295	252	129	10	(11)	(15)	(14)	(18)
YTD Use	11	107	208	496	791	1,043	1,171	1,182	1,171	1,156	1,142	1,125

Cost Avoidance

Month Use $	$ 214	$ 1,903	$ 2,016	$ 5,717	$ 5,860	$ 5,011	$ 2,555	$ 208	$ (212)	$ (296)	$ (275)	$ (349)
YTD $	$ 214	$ 2,117	$ 4,133	$ 9,849	$ 15,709	$ 20,720	$ 23,275	$ 23,484	$ 23,272	$ 22,976	$ 22,700	$ 22,351

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-41 Water

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	271	251	323	253	269	271	167	321	514	277	270	267
YTD Use	271	522	845	1,098	1,367	1,638	1,805	2,126	2,640	2,917	3,187	3,454
Month $	$ 2,512	$ 2,327	$ 2,994	$ 2,341	$ 2,494	$ 2,512	$ 1,548	$ 2,976	$ 4,765	$ 2,568	$ 2,503	$ 2,475
YTD $	$ 2,512	$ 4,839	$ 7,833	$ 10,174	$ 12,668	$ 15,180	$ 16,728	$ 19,704	$ 24,469	$ 27,037	$ 29,540	$ 32,015
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 9.269	$ 9.271	$ 9.269	$ 9.253	$ 9.271	$ 9.269	$ 9.269	$ 9.271	$ 9.270	$ 9.271	$ 9.270	$ 9.270
YTD Rate	$ 9.269	$ 9.270	$ 9.270	$ 9.266	$ 9.267	$ 9.267	$ 9.268	$ 9.268	$ 9.269	$ 9.269	$ 9.269	$ 9.269

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	271	251	323	253	269	270	129	289	456	336	274	276
YTD Use	271	522	845	1,098	1,367	1,637	1,766	2,055	2,512	2,848	3,122	3,398
Month $	$ 2,512	$ 2,327	$ 2,994	$ 2,345	$ 2,494	$ 2,503	$ 1,199	$ 2,681	$ 4,229	$ 3,113	$ 2,542	$ 2,562
YTD $	$ 2,512	$ 4,839	$ 7,833	$ 10,178	$ 12,672	$ 15,175	$ 16,374	$ 19,054	$ 23,284	$ 26,397	$ 28,938	$ 31,500
BP Length	30	31	30	31	31	28	24	31	30	30	31	32
HDD	90	380	543	853	998	844	319	454	176	29	-	2
CDD	98	-	-	-	-	-	8	7	56	193	345	231
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	133	132	136	131	141	129	123	125	119	119	133	210
YTD Use	133	265	401	532	673	802	925	1,050	1,169	1,288	1,421	1,631
Month $	$ 1,233	$ 1,224	$ 1,261	$ 1,214	$ 1,307	$ 1,196	$ 1,140	$ 1,159	$ 1,103	$ 1,103	$ 1,233	$ 1,947
YTD $	$ 1,233	$ 2,457	$ 3,717	$ 4,932	$ 6,239	$ 7,435	$ 8,575	$ 9,734	$ 10,837	$ 11,940	$ 13,173	$ 15,119
BP Length	30	31	30	31	31	28	24	31	30	30	31	32
HDD	90	380	543	853	998	844	319	454	176	29	-	2
CDD	98	-	-	-	-	-	8	7	56	193	345	231
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-50.9%	-47.4%	-57.9%	-48.2%	-47.6%	-52.2%	-4.9%	-56.8%	-73.9%	-64.6%	-51.5%	-24.0%
YTD Use	-50.9%	-49.2%	-52.5%	-51.5%	-50.8%	-51.0%	-47.6%	-48.9%	-53.5%	-54.8%	-54.5%	-52.0%
Month $	-50.9%	-47.4%	-57.9%	-48.2%	-47.6%	-52.2%	-4.9%	-56.8%	-73.9%	-64.6%	-51.5%	-24.0%
YTD $	-50.9%	-49.2%	-52.5%	-51.5%	-50.8%	-51.0%	-47.6%	-48.9%	-53.5%	-54.8%	-54.5%	-52.0%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	138	119	187	122	128	141	6	164	337	217	141	66
YTD Use	138	257	444	566	694	835	841	1,005	1,343	1,560	1,701	1,767

Cost Avoidance

Month Use $	$ 1,279	$ 1,103	$ 1,733	$ 1,131	$ 1,187	$ 1,307	$ 58	$ 1,522	$ 3,126	$ 2,010	$ 1,309	$ 615
YTD $	$ 1,279	$ 2,382	$ 4,116	$ 5,247	$ 6,433	$ 7,740	$ 7,799	$ 9,321	$ 12,447	$ 14,457	$ 15,766	$ 16,381

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-44 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	60	114	213	197	300	233	129	149	67	61	29	42
YTD Use	60	174	387	584	884	1,117	1,246	1,395	1,462	1,523	1,552	1,594
Month $	$ 1,192	$ 2,265	$ 4,232	$ 3,919	$ 5,961	$ 4,630	$ 2,563	$ 2,961	$ 1,331	$ 1,212	$ 576	$ 835
YTD $	$ 1,192	$ 3,457	$ 7,689	$ 11,608	$ 17,569	$ 22,199	$ 24,762	$ 27,723	$ 29,054	$ 30,266	$ 30,842	$ 31,677
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	243	566	724	936	957	1,081	956	469	339	112	17	7
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.867	$ 19.868	$ 19.869	$ 19.893	$ 19.870	$ 19.871	$ 19.868	$ 19.872	$ 19.866	$ 19.869	$ 19.862	$ 19.881
YTD Rate	$ 19.867	$ 19.868	$ 19.868	$ 19.877	$ 19.874	$ 19.874	$ 19.873	$ 19.873	$ 19.873	$ 19.873	$ 19.872	$ 19.873

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	57	126	157	220	249	214	156	123	59	32	24	32
YTD Use	57	183	340	560	809	1,023	1,179	1,301	1,361	1,392	1,416	1,449
Month $	$ 1,127	$ 2,512	$ 3,120	$ 4,377	$ 4,948	$ 4,243	$ 3,093	$ 2,436	$ 1,181	$ 628	$ 476	$ 645
YTD $	$ 1,127	$ 3,639	$ 6,759	$ 11,136	$ 16,084	$ 20,327	$ 23,420	$ 25,856	$ 27,037	$ 27,664	$ 28,141	$ 28,786
BP Length	30	31	30	31	31	28	36	30	32	31	28	34
HDD	157	504	663	977	1,122	956	630	489	162	26	1	18
CDD	98	-	-	-	-	-	8	34	99	273	272	245
Month Rate	$ 19.871	$ 19.870	$ 19.871	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.871	$ 19.870
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	75	108	124	333	213	306	109	183	59	109	48	103
YTD Use	75	183	307	640	853	1,159	1,268	1,451	1,510	1,619	1,667	1,770
Month $	$ 1,490	$ 2,146	$ 2,464	$ 6,617	$ 4,232	$ 6,080	$ 2,166	$ 3,636	$ 1,172	$ 2,166	$ 954	$ 2,047
YTD $	$ 1,490	$ 3,636	$ 6,100	$ 12,717	$ 16,950	$ 23,030	$ 25,196	$ 28,832	$ 30,004	$ 32,170	$ 33,124	$ 35,171
BP Length	30	31	30	31	31	28	36	30	32	31	28	34
HDD	157	504	663	977	1,122	956	630	489	162	26	1	18
CDD	98	-	-	-	-	-	8	34	99	273	272	245
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	32.2%	-14.6%	-21.0%	51.2%	-14.5%	43.3%	-30.0%	49.3%	-0.7%	245.1%	100.3%	217.3%
YTD Use	32.2%	-0.1%	-9.7%	14.2%	5.4%	13.3%	7.6%	11.5%	11.0%	16.3%	17.7%	22.2%
Month $	32.2%	-14.6%	-21.0%	51.2%	-14.5%	43.3%	-30.0%	49.3%	-0.7%	245.1%	100.3%	217.3%
YTD $	32.2%	-0.1%	-9.7%	14.2%	5.4%	13.3%	7.6%	11.5%	11.0%	16.3%	17.7%	22.2%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	(18)	18	33	(113)	36	(92)	47	(60)	0	(77)	(24)	(71)
YTD Use	(18)	0	33	(80)	(44)	(136)	(89)	(150)	(149)	(227)	(251)	(321)

Cost Avoidance

Month Use $	$ (363)	$ 366	$ 656	$ (2,240)	$ 716	$ (1,837)	$ 927	$ (1,200)	$ 8	$ (1,538)	$ (477)	$ (1,402)
YTD $	$ (363)	$ 3	$ 659	$ (1,582)	$ (866)	$ (2,703)	$ (1,776)	$ (2,976)	$ (2,968)	$ (4,506)	$ (4,983)	$ (6,385)

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-45 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	80	162	288	498	486	428	461	152	137	187	67	53
YTD Use	80	242	530	1,028	1,514	1,942	2,403	2,555	2,692	2,879	2,946	2,999
Month $	$ 1,590	$ 3,219	$ 5,723	$ 9,892	$ 9,657	$ 8,505	$ 9,160	$ 3,020	$ 2,722	$ 3,716	$ 1,331	$ 1,053
YTD $	$ 1,590	$ 4,809	$ 10,532	$ 20,424	$ 30,081	$ 38,586	$ 47,746	$ 50,766	$ 53,488	$ 57,204	$ 58,535	$ 59,588
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	92	382	544	750	771	913	770	293	188	30	-	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.875	$ 19.870	$ 19.872	$ 19.863	$ 19.870	$ 19.871	$ 19.870	$ 19.868	$ 19.869	$ 19.872	$ 19.866	$ 19.868
YTD Rate	$ 19.875	$ 19.872	$ 19.872	$ 19.868	$ 19.869	$ 19.869	$ 19.869	$ 19.869	$ 19.869	$ 19.869	$ 19.869	$ 19.869

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	98	219	291	436	503	428	234	264	92	77	70	68
YTD Use	98	316	607	1,043	1,546	1,973	2,207	2,471	2,563	2,640	2,710	2,778
Month $	$ 1,939	$ 4,343	$ 5,781	$ 8,659	$ 9,990	$ 8,496	$ 4,643	$ 5,243	$ 1,828	$ 1,538	$ 1,396	$ 1,351
YTD $	$ 1,939	$ 6,282	$ 12,063	$ 20,722	$ 30,711	$ 39,207	$ 43,850	$ 49,093	$ 50,921	$ 52,459	$ 53,855	$ 55,207
BP Length	30	31	30	31	31	28	30	31	31	31	31	30
HDD	64	321	483	791	936	788	359	419	47	16	-	-
CDD	98	-	-	-	-	-	8	7	126	181	364	196
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.870	$ 19.871	$ 19.871	$ 19.870	$ 19.870
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	62	138	247	310	356	316	209	179	65	46	45	53
YTD Use	62	200	447	757	1,113	1,429	1,638	1,817	1,882	1,928	1,973	2,026
Month $	$ 1,232	$ 2,742	$ 4,908	$ 6,160	$ 7,074	$ 6,279	$ 4,153	$ 3,557	$ 1,292	$ 914	$ 894	$ 1,053
YTD $	$ 1,232	$ 3,974	$ 8,882	$ 15,042	$ 22,116	$ 28,395	$ 32,548	$ 36,105	$ 37,396	$ 38,310	$ 39,204	$ 40,258
BP Length	30	31	30	31	31	28	30	31	31	31	31	30
HDD	64	321	483	791	936	788	359	419	47	16	-	-
CDD	98	-	-	-	-	-	8	7	126	181	364	196
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-36.5%	-36.9%	-15.1%	-28.9%	-29.2%	-26.1%	-10.5%	-32.2%	-29.3%	-40.6%	-36.0%	-22.1%
YTD Use	-36.5%	-36.7%	-26.4%	-27.4%	-28.0%	-27.6%	-25.8%	-26.5%	-26.6%	-27.0%	-27.2%	-27.1%
Month $	-36.5%	-36.9%	-15.1%	-28.9%	-29.2%	-26.1%	-10.5%	-32.2%	-29.3%	-40.6%	-36.0%	-22.1%
YTD $	-36.5%	-36.7%	-26.4%	-27.4%	-28.0%	-27.6%	-25.8%	-26.5%	-26.6%	-27.0%	-27.2%	-27.1%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	36	81	44	126	147	112	25	85	27	31	25	15
YTD Use	36	116	160	286	433	544	569	654	681	712	737	752

Cost Avoidance

Month Use $	$ 707	$ 1,601	$ 873	$ 2,499	$ 2,916	$ 2,217	$ 490	$ 1,686	$ 536	$ 624	$ 502	$ 298
YTD $	$ 707	$ 2,308	$ 3,181	$ 5,680	$ 8,596	$ 10,812	$ 11,302	$ 12,988	$ 13,524	$ 14,149	$ 14,651	$ 14,949

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-45 Water

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	203	229	215	186	240	245	184	645	259	174	249	207
YTD Use	203	432	647	833	1,073	1,318	1,502	2,147	2,406	2,580	2,829	3,036
Month $	$ 1,882	$ 2,123	$ 1,993	$ 1,724	$ 2,225	$ 2,271	$ 1,706	$ 5,979	$ 2,401	$ 1,613	$ 2,308	$ 1,919
YTD $	$ 1,882	$ 4,005	$ 5,998	$ 7,722	$ 9,947	$ 12,218	$ 13,924	$ 19,903	$ 22,304	$ 23,917	$ 26,225	$ 28,144
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 9.271	$ 9.271	$ 9.270	$ 9.269	$ 9.271	$ 9.269	$ 9.272	$ 9.270	$ 9.270	$ 9.270	$ 9.269	$ 9.271
YTD Rate	$ 9.271	$ 9.271	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	203	229	215	186	240	244	142	542	343	200	225	225
YTD Use	203	432	647	833	1,073	1,317	1,459	2,001	2,344	2,544	2,770	2,994
Month $	$ 1,882	$ 2,123	$ 1,993	$ 1,724	$ 2,225	$ 2,262	$ 1,321	$ 5,024	$ 3,176	$ 1,856	$ 2,089	$ 2,081
YTD $	$ 1,882	$ 4,005	$ 5,998	$ 7,722	$ 9,947	$ 12,209	$ 13,529	$ 18,553	$ 21,730	$ 23,586	$ 25,675	$ 27,756
BP Length	30	31	30	31	31	28	24	31	30	31	30	32
HDD	90	380	543	853	998	844	319	454	176	29	-	2
CDD	98	-	-	-	-	-	8	7	56	198	340	231
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	131	119	120	124	128	108	119	120	119	109	1	1
YTD Use	131	250	370	494	622	730	849	969	1,088	1,197	1,198	1,199
Month $	$ 1,214	$ 1,103	$ 1,112	$ 1,149	$ 1,187	$ 1,001	$ 1,103	$ 1,112	$ 1,103	$ 1,010	$ 9	$ 9
YTD $	$ 1,214	$ 2,318	$ 3,430	$ 4,579	$ 5,766	$ 6,767	$ 7,870	$ 8,983	$ 10,086	$ 11,096	$ 11,105	$ 11,115
BP Length	30	31	30	31	31	28	24	31	30	31	30	32
HDD	90	380	543	853	998	844	319	454	176	29	-	2
CDD	98	-	-	-	-	-	8	7	56	198	340	231
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-35.5%	-48.0%	-44.2%	-33.3%	-46.7%	-55.7%	-16.5%	-77.9%	-65.3%	-45.6%	-99.6%	-99.6%
YTD Use	-35.5%	-42.1%	-42.8%	-40.7%	-42.0%	-44.6%	-41.8%	-51.6%	-53.6%	-53.0%	-56.7%	-60.0%
Month $	-35.5%	-48.0%	-44.2%	-33.3%	-46.7%	-55.7%	-16.5%	-77.9%	-65.3%	-45.6%	-99.6%	-99.6%
YTD $	-35.5%	-42.1%	-42.8%	-40.7%	-42.0%	-44.6%	-41.8%	-51.6%	-53.6%	-53.0%	-56.7%	-60.0%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	72	110	95	62	112	136	23	422	224	91	224	224
YTD Use	72	182	277	339	451	587	610	1,032	1,256	1,347	1,572	1,795

Cost Avoidance

Month Use $	$ 667	$ 1,020	$ 881	$ 575	$ 1,038	$ 1,261	$ 217	$ 3,912	$ 2,073	$ 846	$ 2,080	$ 2,072
YTD $	$ 667	$ 1,687	$ 2,568	$ 3,143	$ 4,181	$ 5,441	$ 5,659	$ 9,571	$ 11,644	$ 12,490	$ 14,569	$ 16,641

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-46 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	29	99	278	415	489	488	363	130	88	17	36	24
YTD Use	29	128	406	821	1,310	1,798	2,161	2,291	2,379	2,396	2,432	2,456
Month $	$ 576	$ 1,967	$ 5,524	$ 8,256	$ 9,717	$ 9,697	$ 7,213	$ 2,583	$ 1,749	$ 338	$ 715	$ 477
YTD $	$ 576	$ 2,543	$ 8,067	$ 16,323	$ 26,040	$ 35,737	$ 42,950	$ 45,533	$ 47,282	$ 47,620	$ 48,335	$ 48,812
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	16	184	312	502	523	689	534	120	50	2	-	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.862	$ 19.869	$ 19.871	$ 19.894	$ 19.871	$ 19.871	$ 19.871	$ 19.869	$ 19.875	$ 19.882	$ 19.861	$ 19.875
YTD Rate	$ 19.862	$ 19.867	$ 19.869	$ 19.882	$ 19.878	$ 19.876	$ 19.875	$ 19.875	$ 19.875	$ 19.875	$ 19.875	$ 19.875

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	40	137	211	420	523	432	181	175	35	31	34	33
YTD Use	40	177	388	808	1,331	1,763	1,944	2,119	2,154	2,185	2,219	2,251
Month $	$ 794	$ 2,721	$ 4,194	$ 8,344	$ 10,398	$ 8,578	$ 3,606	$ 3,471	$ 695	$ 610	$ 674	$ 652
YTD $	$ 794	$ 3,515	$ 7,709	$ 16,053	$ 26,451	$ 35,029	$ 38,635	$ 42,107	$ 42,802	$ 43,412	$ 44,086	$ 44,738
BP Length	30	31	30	31	31	28	30	31	31	29	32	31
HDD	12	146	252	543	688	564	210	199	3	-	-	-
CDD	98	-	-	-	-	-	8	7	126	154	379	208
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.870	$ 19.871	$ 19.870	$ 19.871	$ 19.871	$ 19.870	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	48	191	225	302	406	344	217	216	56	40	41	40
YTD Use	48	239	464	766	1,172	1,516	1,733	1,949	2,005	2,045	2,086	2,126
Month $	$ 954	$ 3,795	$ 4,471	$ 6,001	$ 8,067	$ 6,835	$ 4,312	$ 4,292	$ 1,113	$ 795	$ 815	$ 795
YTD $	$ 954	$ 4,749	$ 9,220	$ 15,221	$ 23,288	$ 30,124	$ 34,436	$ 38,728	$ 39,840	$ 40,635	$ 41,450	$ 42,245
BP Length	30	31	30	31	31	28	30	31	31	29	32	31
HDD	12	146	252	543	688	564	210	199	3	-	-	-
CDD	98	-	-	-	-	-	8	7	126	154	379	208
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	20.1%	39.5%	6.6%	-28.1%	-22.4%	-20.3%	19.6%	23.6%	60.1%	30.2%	21.0%	21.8%
YTD Use	20.1%	35.1%	19.6%	-5.2%	-12.0%	-14.0%	-10.9%	-8.0%	-6.9%	-6.4%	-6.0%	-5.6%
Month $	20.1%	39.5%	6.6%	-28.1%	-22.4%	-20.3%	19.6%	23.6%	60.1%	30.2%	21.0%	21.8%
YTD $	20.1%	35.1%	19.6%	-5.2%	-12.0%	-14.0%	-10.9%	-8.0%	-6.9%	-6.4%	-6.0%	-5.6%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	(8)	(54)	(14)	118	117	88	(36)	(41)	(21)	(9)	(7)	(7)
YTD Use	(8)	(62)	(76)	42	159	247	211	170	149	140	133	125

Cost Avoidance

Month Use $	$ (159)	$ (1,075)	$ (277)	$ 2,343	$ 2,331	$ 1,743	$ (706)	$ (821)	$ (418)	$ (184)	$ (141)	$ (142)
YTD $	$ (159)	$ (1,234)	$ (1,511)	$ 832	$ 3,163	$ 4,906	$ 4,200	$ 3,379	$ 2,961	$ 2,777	$ 2,636	$ 2,493

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-46 Water

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	173	111	184	174	153	370	165	262	179	714	208	168
YTD Use	173	284	468	642	795	1,165	1,330	1,592	1,771	2,485	2,693	2,861
Month $	$ 1,604	$ 1,029	$ 1,706	$ 1,616	$ 1,418	$ 3,430	$ 1,530	$ 2,429	$ 1,659	$ 6,619	$ 1,928	$ 1,557
YTD $	$ 1,604	$ 2,633	$ 4,339	$ 5,955	$ 7,373	$ 10,803	$ 12,333	$ 14,762	$ 16,421	$ 23,040	$ 24,968	$ 26,525
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 9.272	$ 9.270	$ 9.272	$ 9.287	$ 9.268	$ 9.270	$ 9.273	$ 9.271	$ 9.268	$ 9.270	$ 9.269	$ 9.268
YTD Rate	$ 9.272	$ 9.271	$ 9.271	$ 9.276	$ 9.274	$ 9.273	$ 9.273	$ 9.273	$ 9.272	$ 9.272	$ 9.271	$ 9.271

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	173	111	184	174	153	362	154	278	179	714	208	168
YTD Use	173	284	468	642	795	1,157	1,311	1,589	1,768	2,482	2,690	2,858
Month $	$ 1,604	$ 1,029	$ 1,706	$ 1,613	$ 1,418	$ 3,353	$ 1,431	$ 2,577	$ 1,659	$ 6,619	$ 1,928	$ 1,557
YTD $	$ 1,604	$ 2,633	$ 4,338	$ 5,951	$ 7,370	$ 10,723	$ 12,154	$ 14,730	$ 16,390	$ 23,009	$ 24,937	$ 26,494
BP Length	30	31	30	31	31	28	29	33	31	30	31	31
HDD	90	380	543	853	998	844	385	499	66	28	-	2
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	176	169	193	175	158	180	189	400	183	118	115	80
YTD Use	176	345	538	713	871	1,051	1,240	1,640	1,823	1,941	2,056	2,136
Month $	$ 1,632	$ 1,567	$ 1,789	$ 1,622	$ 1,465	$ 1,669	$ 1,752	$ 3,708	$ 1,696	$ 1,094	$ 1,066	$ 742
YTD $	$ 1,632	$ 3,198	$ 4,987	$ 6,610	$ 8,074	$ 9,743	$ 11,495	$ 15,203	$ 16,899	$ 17,993	$ 19,059	$ 19,801
BP Length	30	31	30	31	31	28	29	33	31	30	31	31
HDD	90	380	543	853	998	844	385	499	66	28	-	2
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.271	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	1.7%	52.3%	4.9%	0.6%	3.3%	-50.2%	22.4%	43.9%	2.2%	-83.5%	-44.7%	-52.4%
YTD Use	1.7%	21.5%	15.0%	11.1%	9.6%	-9.1%	-5.4%	3.2%	3.1%	-21.8%	-23.6%	-25.3%
Month $	1.7%	52.3%	4.9%	0.6%	3.3%	-50.2%	22.4%	43.9%	2.2%	-83.5%	-44.7%	-52.4%
YTD $	1.7%	21.5%	15.0%	11.1%	9.6%	-9.1%	-5.4%	3.2%	3.1%	-21.8%	-23.6%	-25.3%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	(3)	(58)	(9)	(1)	(5)	182	(35)	(122)	(4)	596	93	88
YTD Use	(3)	(61)	(70)	(71)	(76)	106	71	(51)	(55)	541	634	722

Cost Avoidance

Month Use $	$ (28)	$ (538)	$ (83)	$ (9)	$ (46)	$ 1,685	$ (321)	$ (1,131)	$ (37)	$ 5,525	$ 862	$ 816
YTD $	$ (28)	$ (565)	$ (649)	$ (658)	$ (705)	$ 980	$ 659	$ (472)	$ (509)	$ 5,015	$ 5,877	$ 6,693

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-47 Gas

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	31	91	174	164	267	251	192	106	54	27	28	23
YTD Use	31	122	296	460	727	978	1,170	1,276	1,330	1,357	1,385	1,408
Month $	$ 616	$ 1,808	$ 3,457	$ 3,260	$ 5,305	$ 4,988	$ 3,815	$ 2,106	$ 1,073	$ 537	$ 556	$ 457
YTD $	$ 616	$ 2,424	$ 5,881	$ 9,141	$ 14,446	$ 19,434	$ 23,249	$ 25,355	$ 26,428	$ 26,965	$ 27,521	$ 27,978
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	34	250	395	595	616	773	621	178	90	8	-	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 19.871	$ 19.868	$ 19.868	$ 19.878	$ 19.869	$ 19.873	$ 19.870	$ 19.868	$ 19.870	$ 19.889	$ 19.857	$ 19.870
YTD Rate	$ 19.871	$ 19.869	$ 19.868	$ 19.872	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	39	92	131	219	261	219	116	109	37	33	34	34
YTD Use	39	131	262	481	742	961	1,077	1,186	1,223	1,256	1,290	1,323
Month $	$ 777	$ 1,822	$ 2,602	$ 4,350	$ 5,189	$ 4,354	$ 2,312	$ 2,156	$ 740	$ 652	$ 671	$ 671
YTD $	$ 777	$ 2,599	$ 5,200	$ 9,550	$ 14,739	$ 19,093	$ 21,406	$ 23,562	$ 24,302	$ 24,955	$ 25,626	$ 26,297
BP Length	30	31	30	31	31	28	32	30	31	30	31	31
HDD	22	199	338	636	781	648	280	261	12	1	-	-
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871
YTD Rate	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	80	66	78	82	75	90	95	78	86	96	90	49
YTD Use	80	146	224	306	381	471	566	644	730	826	916	965
Month $	$ 1,590	$ 1,311	$ 1,550	$ 1,630	$ 1,490	$ 1,789	$ 1,888	$ 1,550	$ 1,709	$ 1,909	$ 1,787	$ 974
YTD $	$ 1,590	$ 2,901	$ 4,451	$ 6,081	$ 7,571	$ 9,359	$ 11,247	$ 12,797	$ 14,506	$ 16,415	$ 18,202	$ 19,176
BP Length	30	31	30	31	31	28	32	30	31	30	31	31
HDD	22	199	338	636	781	648	280	261	12	1	-	-
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 19.871	$ 19.868	$ 19.868	$ 19.878	$ 19.869	$ 19.873	$ 19.870	$ 19.868	$ 19.870	$ 19.889	$ 19.857	$ 19.870
YTD Rate	$ 19.871	$ 19.870	$ 19.869	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.871	$ 19.873	$ 19.871	$ 19.871

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	104.7%	-28.0%	-40.4%	-62.5%	-71.3%	-58.9%	-18.4%	-28.1%	130.8%	192.4%	166.5%	45.1%
YTD Use	104.7%	11.6%	-14.4%	-36.3%	-48.6%	-51.0%	-47.5%	-45.7%	-40.3%	-34.2%	-29.0%	-27.1%
Month $	104.7%	-28.0%	-40.4%	-62.5%	-71.3%	-58.9%	-18.4%	-28.1%	130.8%	192.7%	166.3%	45.1%
YTD $	104.7%	11.6%	-14.4%	-36.3%	-48.6%	-51.0%	-47.5%	-45.7%	-40.3%	-34.2%	-29.0%	-27.1%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	(41)	26	53	137	186	129	21	31	(49)	(63)	(56)	(15)
YTD Use	(41)	(15)	38	175	361	490	511	542	493	430	374	358

Cost Avoidance

Month Use $	$ (813)	$ 511	$ 1,052	$ 2,720	$ 3,698	$ 2,566	$ 425	$ 607	$ (968)	$ (1,257)	$ (1,116)	$ (303)
YTD $	$ (813)	$ (302)	$ 750	$ 3,470	$ 7,168	$ 9,734	$ 10,159	$ 10,765	$ 9,797	$ 8,540	$ 7,424	$ 7,121

Meter Detail Report

Reference: Actual usage and costs for past Year.
SimActual: Actual usage and calculated costs for current Year.

Baseline: Current usage and costs based upon historic patterns of Unit use.

Meter: PA 1-47 Water

Reference

	Sep 2006	Oct 2006	Nov 2006	Dec 2006	Jan 2006	Feb 2006	Mar 2006	Apr 2006	May 2006	Jun 2006	Jul 2006	Aug 2006
Month Use	147	105	139	95	66	84	202	111	174	128	146	132
YTD Use	147	252	391	486	552	636	838	949	1,123	1,251	1,397	1,529
Month $	$ 1,363	$ 973	$ 1,283	$ 881	$ 612	$ 779	$ 1,873	$ 1,029	$ 1,613	$ 1,187	$ 1,353	$ 1,224
YTD $	$ 1,363	$ 2,336	$ 3,619	$ 4,500	$ 5,112	$ 5,891	$ 7,764	$ 8,793	$ 10,406	$ 11,593	$ 12,946	$ 14,170
BP Length	30	31	30	31	31	28	31	30	31	30	31	31
HDD	134	442	604	812	833	969	832	349	236	47	4	-
CDD	12	-	-	-	-	-	-	-	42	83	263	266
Month Rate	$ 9.272	$ 9.267	$ 9.230	$ 9.274	$ 9.273	$ 9.274	$ 9.272	$ 9.270	$ 9.270	$ 9.273	$ 9.267	$ 9.273
YTD Rate	$ 9.272	$ 9.270	$ 9.256	$ 9.259	$ 9.261	$ 9.263	$ 9.265	$ 9.266	$ 9.266	$ 9.267	$ 9.267	$ 9.267

Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	147	105	139	95	66	87	182	131	174	128	146	132
YTD Use	147	252	391	486	552	639	821	952	1,126	1,254	1,400	1,532
Month $	$ 1,363	$ 973	$ 1,289	$ 881	$ 612	$ 806	$ 1,691	$ 1,210	$ 1,613	$ 1,187	$ 1,353	$ 1,224
YTD $	$ 1,363	$ 2,336	$ 3,625	$ 4,505	$ 5,117	$ 5,924	$ 7,615	$ 8,825	$ 10,438	$ 11,625	$ 12,978	$ 14,202
BP Length	30	31	30	31	31	29	28	33	31	30	31	31
HDD	90	380	543	853	998	858	371	499	66	28	-	2
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	80	66	78	82	75	90	95	78	86	96	90	49
YTD Use	80	146	224	306	381	471	566	644	730	826	916	965
Month $	$ 742	$ 612	$ 723	$ 760	$ 695	$ 834	$ 881	$ 723	$ 797	$ 890	$ 834	$ 454
YTD $	$ 742	$ 1,353	$ 2,076	$ 2,837	$ 3,532	$ 4,366	$ 5,247	$ 5,970	$ 6,767	$ 7,657	$ 8,491	$ 8,945
BP Length	30	31	30	31	31	29	28	33	31	30	31	31
HDD	90	380	543	853	998	858	371	499	66	28	-	2
CDD	98	-	-	-	-	-	8	7	126	181	364	204
Month Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.271	$ 9.267	$ 9.270
YTD Rate	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270	$ 9.270

SimActual vs. Baseline

	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012
Month Use	-45.6%	-37.1%	-43.9%	-13.7%	13.6%	3.4%	-47.9%	-40.3%	-50.6%	-25.0%	-38.4%	-62.9%
YTD Use	-45.6%	-42.1%	-42.7%	-37.0%	-31.0%	-26.3%	-31.1%	-32.4%	-35.2%	-34.1%	-34.6%	-37.0%
Month $	-45.6%	-37.1%	-43.9%	-13.7%	13.6%	3.4%	-47.9%	-40.3%	-50.6%	-25.0%	-38.4%	-62.9%
YTD $	-45.6%	-42.1%	-42.7%	-37.0%	-31.0%	-26.3%	-31.1%	-32.4%	-35.2%	-34.1%	-34.6%	-37.0%
BP Length	-	-	-	-	-	-	-	-	-	-	-	-
HDD	-	-	-	-	-	-	-	-	-	-	-	-
CDD	-	-	-	-	-	-	-	-	-	-	-	-

Use Avoidance

Month Use	67	39	61	13	(9)	(3)	87	53	88	32	56	83
YTD Use	67	106	167	180	171	168	255	308	396	428	484	567

Cost Avoidance

Month Use $	$ 621	$ 362	$ 565	$ 121	$ (83)	$ (28)	$ 811	$ 487	$ 816	$ 297	$ 519	$ 769
YTD $	$ 621	$ 983	$ 1,548	$ 1,669	$ 1,585	$ 1,557	$ 2,368	$ 2,855	$ 3,671	$ 3,967	$ 4,487	$ 5,256

This section of the report provides Housing Authority of the City of Pittsburgh with a breakdown of the savings achieved from the Option A ECMs.

Annual cost avoidance is calculated based on the stipulated & one-time reconciliation. The energy unit dollar value will escalate 3% each year.

ECM #	ECM Description	kWh	kWh $	MCF	MCF $	Water	Water $	Total $
1	Retrofit Tenent Area Lighting	1,858,057	$ 196,859					$ 196,859
2	Retrofit Common Area Lighting	912,735	$ 100,645					$ 100,645
6	High Efficiency Refrigerators	122,657	$ 13,958					$ 13,958
10, 11	Water Conservation	222,931	$ 25,370	840	$ 16,684	1,797	$ 16,655	$ 58,709
16	Building Envelope Improvements	39,931	$ 4,544					$ 4,544
18	Roof Replacement and/or Added	146	$ 17					$ 17
21	Limiting Thermostats	92,546	$ 10,532	2,294	$ 45,573			$ 56,105
30	Replace Rooftop Ventilations Units	13,243	$ 1,507					$ 1,507
32	Ventilation Unit Heat Recovery	3,842	$ 437					$ 437
37	Insulate Make Up Air Duct on Roof	212	$ 24					$ 24
	Total	**3,266,301**	**$ 353,893**	**3,133**	**$ 62,257**	**1,797**	**$ 16,655**	**$ 432,805**

Lighting Savings

ECM: Interior Tenant Area Lighting Retrofit

HA Site #	Site Name	Proposed Savings Electric kWh	Proposed Savings Electric $	As Installed Savings Electric kWh	As Installed Savings Electric $	Difference Electric kWh	Difference Electric $
PA 1-01	Addison Terrance	422,878	$ 48,124	524,417	$ 59,679	101,539	$ 11,555
PA 1-02	Bedford Dwellings	280,238	$ 31,891	380,228	$ 43,270	99,990	$ 11,379
PA 1-04	Arlington Heights*	76,091	$ 8,659	94,962	$ 10,807	18,871	$ 2,148
PA 1-05	Allegheny Dwellings	293,553	$ 33,406	295,457	$ 33,623	1,904	$ 217
PA 1-09	Northview Heights*	701,803	$ 79,865	990,809	$ 112,754	289,006	$ 32,889
PA 1-09H	Northview High Rise*	65,848	$ 7,494	119,667	$ 13,618	53,819	$ 6,125
PA 1-11	Hamilton-Larimer	36,147	$ 4,114	41,936	$ 4,772	5,789	$ 659
PA 1-15	Pennsylvania-Bidwell	84,245	$ 9,587	84,959	$ 9,668	714	$ 81
PA 1-17	Pressley Street	82,441	$ 9,382	68,020	$ 7,741	-14,421	$ (1,641)
PA 1-20	Homewood North*	144,204	$ 16,410	175,355	$ 19,955	31,151	$ 3,545
PA 1-31	Murray Tower	26,150	$ 2,976	46,433	$ 5,284	20,283	$ 2,308
PA 1-32	Glen Hazel Family	162,295	$ 18,469	153,182	$ 17,432	-9,113	$ (1,037)
PA 1-40	Mazza Pavilion (Brookline)	8,521	$ 970	8,521		0	$ (970)
PA 1-41	Caliguiri Plaza (Allentown)	42,285	$ 4,812	53,296	$ 6,065	11,011	$ 1,253
PA 1-44	Finello Pavilion (South Oakland)	20,869	$ 2,375	24,773	$ 2,819	3,904	$ 444
PA 1-45	Morse Gardens	2,572	$ 293	7,332	$ 834	4,760	$ 542
PA 1-46	Carrick Regency	26,293	$ 2,992	33,678	$ 3,833	7,385	$ 840
PA 1-47	Gualtieri Manor	13,122	$ 1,493	16,158	$ 1,839	3,036	$ 345
		1,567,457	$178,377	1,858,057	**$ 196,859**	290,600	$ 32,101

ECM: Interior Common Area Lighting Retrofit

HA Site #	Site Name	Proposed Savings Electric kWh	Proposed Savings Electric $	As Installed Savings Electric kWh	As Installed Savings Electric $	Difference Electric kWh	Difference Electric $
PA 1-01	Addison Terrance	306,522	$ 34,882	208,405	$ 23,716	-98,117	$ (11,166)
PA 1-02	Bedford Dwellings	194,663	$ 22,153	106,355	$ 12,103	-88,308	$ (10,049)
PA 1-04	Arlington Heights*	154,711	$ 17,606	92,174	$ 10,489	-62,537	$ (7,117)
PA 1-05	Allegheny Dwellings	273,650	$ 31,141	31,790	$ 3,618	-241,860	$ (27,524)
PA 1-09	Northview Heights*	927,385	$105,536	435,906	$ 49,606	-491,479	$ (55,930)
PA 1-09H	Northview High Rise*	93,318	$ 10,620	7,004	$ 797	-86,314	$ (9,823)
PA 1-11	Hamilton-Larimer	6,905	$ 786	32,079	$ 3,651	25,174	$ 2,865
PA 1-15	Pennsylvania-Bidwell	39,943	$ 4,546	15,929	$ 1,813	-24,014	$ (2,733)
PA 1-17	Pressley Street	213,553	$ 24,302	278,784	$ 31,726	65,231	$ 7,423
PA 1-20	Homewood North*	243,930	$ 27,759	55,250	$ 6,287	-188,680	$ (21,472)
PA 1-31	Murray Tower	98,968	$ 11,263	67,034	$ 7,628	-31,934	$ (3,634)
PA 1-32	Glen Hazel Family	0	$ -	0	$ -	0	$ -
PA 1-40	Mazza Pavilion (Brookline)	21,332	$ 2,428	21,332		0	$ (2,428)
PA 1-41	Caliguiri Plaza (Allentown)	28,301	$ 3,221	30,311	$ 3,449	2,010	$ 229
PA 1-44	Finello Pavilion (South Oakland)	33,577	$ 3,821	17,579	$ 2,000	-15,998	$ (1,821)
PA 1-45	Morse Gardens	10,159	$ 1,156	9,164	$ 1,043	-995	$ (113)
PA 1-46	Carrick Regency	41,723	$ 4,748	53,933	$ 6,138	12,210	$ 1,389
PA 1-47	Gualtieri Manor	58,996	$ 6,714	33,036	$ 3,759	-25,960	$ (2,954)
		1,421,610	$161,779	912,735	**$ 100,645**	-508,875	$ (60,338)

Cost per kWh $0.1138

* Buildings are Opt C, therfore savings not included in lighting savings totals

High Efficiency Refrigerators

The table below shows a summary of the proposed number of high efficiency refrigerators and their locations along with the actual installed number and locations of the refrigerators.

Locations	# of Proposed Installations	# of Actual Installations
Addison Terrace	61	75
Bedford Dwellings	51	45
Allegheny Dwellings	29	40
Northview Heights	65	72
Hamilton-Larimer	30	0
Glen Hazel Family	69	70
Totals	305	302

HA Site #	Site Name	% of Units Occupied	Existing Refrig. Code #	Quan.	Existing Refrigerators Annual kWh	Existing Refrigerators Annual Cost	New Refrigerators Refrig. Code #	New Refrigerators Annual kWh	New Refrigerators Annual Cost	Annual Electric Savings
PA 1-01	Addison Terrace	78.1%	7	21	12,883	$ 1,466	1	6,335	$ 721	6,548
PA 1-01	Addison Terrace	78.1%	8	15	11,968	$ 1,362	1	4,525	$ 515	7,444
PA 1-01	Addison Terrace	78.1%	9	25	20,064	$ 2,283	1	7,541	$ 858	12,523
PA 1-02	Bedford Dwellings	93.1%	10	18	11,696	$ 1,331	1	6,468	$ 736	5,228
PA 1-02	Bedford Dwellings	93.1%	12	8	10,360	$ 1,179	1	2,875	$ 327	7,485
PA 1-02	Bedford Dwellings	93.1%	13	25	24,787	$ 2,821	1	8,984	$ 1,022	15,803
PA 1-05	Allegheny Dwellings	92.9%	14	17	12,588	$ 1,433	1	6,097	$ 694	6,491
PA 1-05	Allegheny Dwellings	92.9%	13	12	11,874	$ 1,351	1	4,303	$ 490	7,570
PA 1-09	Northview Heights*	83.6%	4	30	20,247	$ 2,304	1	9,685	$ 1,102	10,563
PA 1-09	Northview Heights*	83.6%	5	7	7,095	$ 807	1	2,260	$ 257	4,836
PA 1-09	Northview Heights*	83.6%	6	28	26,930	$ 3,065	1	9,039	$ 1,029	17,891
PA 1-11	Hamilton-Larimer	93.3%	8	3	2,859	$ 325	1	1,081	$ 123	1,778
PA 1-11	Hamilton-Larimer	93.3%	11	27	27,443	$ 3,123	1	9,727	$ 1,107	17,716
PA 1-32	Glen Hazel Family	96.9%	1	61	51,234	$ 5,830	1	22,810	$ 2,596	28,424
PA 1-32	Glen Hazel Family	96.9%	2	1	1,138	$ 130	1	374	$ 43	764
PA 1-32	Glen Hazel Family	96.9%	3	7	7,500	$ 854	1	2,618	$ 298	4,883
		88.6%		**305**	**206,394**	**23,488**		**83,737**	**9,529**	**122,657**

Electrical Savings - kWh	**122,657**
Electrical Savings - $	**$ 13,958**

* Building is Opt C, therfore savings not included in refrigerator savings total

Water Conservation Savings

ECM: **Low Flow Faucet Restrictors & Shower Heads**

		Annual Savings				Savings % of Total			
HA Site #	**Site Name**	**Natural Gas - MCF**	**Electric - kWh**	**Water - Mgals**	**Sewer - Mgals**	**Natural Gas - MCF**	**Electric - kWh**	**Water - Mgals**	**Sewer - Mgals**
PA 1-01	Addison Terrace	3,958	0	8,469	8,469	7.05%	0.00%	16.13%	0.00%
PA 1-04	Arlington Heights	919	0	1,967	1,967	8.00%	0.00%	14.73%	0.00%
PA 1-05	Allegheny Dwellings	0	222,931	3,011	3,011	0.00%	9.64%	29.17%	0.00%
PA 1-09	Northview Heights	3,550	0	7,596	7,596	6.34%	0.00%	30.91%	0.00%
PA 1-09H	Northview High Rise	355	0	759	759	5.70%	0.00%	27.81%	0.00%
PA 1-11	Hamilton-Larimer	268	0	574	574	13.43%	0.00%	16.52%	0.00%
PA 1-15	Pennsylvania-Bidwell	433	0	928	928	3.86%	0.00%	20.28%	0.00%
PA 1-17	Pressley Street	533	0	1,141	1,141	4.07%	0.00%	18.14%	0.00%
PA 1-20	Homewood North	1,222	0	2,614	2,614	5.12%	0.00%	16.02%	0.00%
PA 1-31	Murray Towers	196	0	418	418	2.94%	0.00%	11.45%	0.00%
PA 1-32	Glen Hazel Family	840	0	1,797	1,797	6.35%	0.00%	16.30%	0.00%
PA 1-40	Mazza Pavilion (Brookline)	89	0	190	190	3.51%	0.00%	14.35%	0.00%
PA 1-41	Caliguiri Plaza (Allentown)	341	0	730	730	8.12%	0.00%	21.13%	0.00%
PA 1-45	Morse Gardens	227	0	485	485	7.56%	0.00%	15.98%	0.00%
PA 1-46	Carrick Regency	198	0	424	424	8.06%	0.00%	14.81%	0.00%
PA 1-47	Gualtieri Manor	96	0	205	205	6.82%	0.00%	13.44%	0.00%
		1,194	**222,931**	**2,556**	**2,556**	**0.42%**	**0.98%**	**1.59%**	**0.00%**

ECM	**Electric Savings kWh**	**Electric Savings Dollars**	**Water Savings Mgal**	**Water Savings Dollars**	**Natural Gas Savings MCF**	**Natural Gas Savings Dollars**
Low Flow Aerators & Showerheads	**222,931**	**$25,370**	**1,797**	**$16,655**	**840**	**$16,684**
Total	**222,931**	**$25,370**	**1,797**	**$16,655**	**840**	**$16,684**

Building Envelope Savings

		Annual Savings				Savings % of Total			
HA Site #	Site Name	Electric - kWh	Natural Gas - MCF	Water - Mgals	Sewer - Mgals	Natural Gas - MCF	Electric - kWh	Water - Mgals	Sewer - Mgals
PA 1-01	Addison Terrace	17,919	1,676			2.99%	0.42%		
PA 1-02	Bedford Dwellings	3,075	288			0.55%	0.10%		
PA 1-04	Arlington Heights*	3,829	358			3.12%	0.57%		
PA 1-05	Allegheny Dwellings	7,255	636			3.70%	0.31%		
PA 1-09H	Northview High Rise	585	63			1.02%	0.13%		
PA 1-15	Pennsylvania-Bidwell	3,688	345			3.07%	0.55%		
PA 1-17	Pressley Street	4,321	539			4.11%	0.30%		
PA 1-20	Homewood North*	7,904	739			3.10%	0.85%		
PA 1-31	Murray Towers	674	56			0.84%	0.16%		
PA 1-40	Mazza Pavilion (Brookline)		0			0.00%	0.00%		
PA 1-41	Caliguiri Plaza (Allentown)	1,161	131			3.12%	0.14%		
PA 1-44	Finello Pavilion (South Oakland)	668	65			4.08%	0.14%		
PA 1-46	Carrick Regency	1,170	132			5.37%	0.18%		
		40,517				0.00%	0.18%		

		Present Annual Heating Usages		CFM Saved	Calculated Annual Savings				
HA Site #	Site Name	MCFs	KWhs		Htg. Eff.	Gas MCFs	Htg.kWh	EER	Clg.kWh
PA 1-01	Addison Terrace	48,812	-	**8,570**	75%	1,676	-	9	17,919
PA 1-02	Bedford Dwellings	41,774	-	**1,471**	75%	288	-	9	3,075
PA 1-04	Arlington Heights*	9,308	-	**1,831**	75%	358	-	9	3,829
PA 1-05	Allegheny Dwellings	16,009	-	**3,470**	80%	636	-	9	7,255
PA 1-09H	Northview High Rise*	4,979	-	**280**	65%	63	-	9	585
PA 1-15	Pennsylvania-Bidwell	9,326	-	**1,764**	75%	345	-	9	3,688
PA 1-17	Pressley Street	11,137	-	**2,755**	75%	539	-	12	4,321
PA 1-20	Homewood North*	20,267	-	**3,780**	75%	739	-	9	7,904
PA 1-31	Murray Towers	5,388	-	**323**	85%	56	-	9	674
PA 1-40	Mazza Pavilion (Brookline)		-	**82**	83%	-	-	10	
PA 1-41	Caliguiri Plaza (Allentown)	3,527	-	**740**	83%	131	-	12	1,161
PA 1-44	Finello Pavilion (South Oakland)	1,291	-	**355**	80%	65	-	10	668
PA 1-46	Carrick Regency	2,235	-	**746**	83%	132	-	12	1,170
	Total	**234,896**	**-**			**5,028**	**-**		**39,931**

***MCF Saved Calcs** MCF/yr. = cfm x Ca x DDh x 24 / 1030000 / Eh

***kWh Saved Calcs** Heating kWh/yr. = dcfm x Ca x DDh x 24 / 3413 / Eh
Cooling kWh/yr. = dcfm x Ca x DDc x 24 / 3413 / Ec

Where:
dcfm= Change in Infiltration Rate, Cu. Ft./ Min.
Eh= Heating Efficiency
EER= Energy Efficiency Ratio, Btu/kWh
DDh= Heating Degree Days per Year
DDc= Cooling Degree Days per Year
Ca= Heat capacity factor for air

Area	Electrical Savings kWh	Electrical Savings $	Natural Gas Savings MCF	Natural Gas Savings $	Total $
Building Envelope	39,931	$4,544	Option C Savings		$4,544

* Buildings are Opt C, therfore savings not included in building envelope savings totals

Roof Replacement and Added Insulation Savings

		Annual Savings		Savings % of Total	
HA Site #	**Site Name**	**Natural Gas - MCF**	**Electric - kWh**	**Natural Gas - MCF**	**Electric - kWh**
PA 1-02	Bedford Dwellings	0	0	0.00%	0.00%
PA 1-04	Arlington Heights*	123	1,319	1.07%	0.20%
PA 1-09	Northview Heights*	425	4,548	0.76%	0.11%
PA 1-20	Homewood North*	219	2,336	0.92%	0.25%
PA 1-31	Murray Towers	12	146	0.18%	0.03%
		779	**146**		

***Heating MBH Saved Calcs**

Roof MBH/yr.= DDh x 24 / 1000 x A x dU
Facade MBH/yr.= DDh x 24 / 1000 x A x dU

***Cooling MBH Saved Calcs**

Roof MBH/yr.= DDc x 24 / 1000 x A x dU
Facade MBH/yr.= DDc x 24 / 1000 x A x dU

Where:

DDh= Heating Degree Days per Year
DDc= Cooling Degree Days per Year
dU= Change in Heat Transmission (U) Value
A= Total Area, sf

Area	Electric kWh Saved	Electric $ Saved	Natural Gas Saved MCF	Natural Gas $ Saved	Total $
All Areas	146	$17	Option C Savings		**$17**

* Buildings are Opt C, therfore savings not included in roof replacement savings totals

Limited Thermostats Savings

HA Site #	Site Name	Annual Savings: Natural Gas - MCF	Annual Savings: Electric - kWh	Savings % of Total: Natural Gas - MCF	Savings % of Total: Electric - kWh
PA 1-04	Arlington Heights*	1,194	14,973	10.39%	2.22%
PA 1-09	Northview Heights*	5,678	88,252	10.14%	2.20%
PA 1-11	Hamilton-Larimer	318	0	15.89%	0.00%
PA 1-20	Homewood North*	1,715	0	7.19%	0.00%
PA 1-32	Glen Hazel Family	2,294	0	17.35%	0.00%
PA 1-40	Mazza Pavilion (Brookline)		0	0.00%	0.00%
PA 1-41	Caliguiri Plaza (Allentown)	893	30,433	21.27%	3.73%
PA 1-44	Finello Pavilion (South Oakla	452	19,733	28.34%	4.02%
PA 1-45	Morse Gardens	835	19,469	27.84%	3.39%
PA 1-46	Carrick Regency	755	15,161	30.74%	2.33%
PA 1-47	Gualtieri Manor	453	7,751	32.14%	2.68%
		2,294	**92,546**	0.81%	0.41%

HA Site #	Site Name	Present Modified* Gas Heating MCF/yr	Present Modified * Electric Cooling kWh/yr	% of Cooling Controlled by Tenant Tstats	Indoor Temp. Heating	Indoor Temp. Cooling	Gas Savings MCF/yr	Electric Clg Savings kWh/yr
PA 1-04	Arlington Heights*	9,486	62,618	100%	75	74	1,194	14,973
PA 1-09	Northview Heights*	48,596	397,647	100%	75	74	6,118	95,085
PA 1-11	Hamilton-Larimer	1,893	19,858	0%	76	74	318	0
PA 1-20	Homewood North*	20,429	76,634	0%	74	74	1,715	0
PA 1-32	Glen Hazel Family	10,931	186,049	0%	77	74	2,294	0
PA 1-40	Mazza Pavilion (Brookline)	2,082	33,545	0%	77	74	437	0
PA 1-41	Caliguiri Plaza (Allentown)	3,547	165,286	77%	78	74	893	30,433
PA 1-44	Finello Pavilion (South Oakla	1,346	98,241	84%	80	74	452	19,733
PA 1-45	Morse Gardens	2,487	119,734	68%	80	74	835	19,469
PA 1-46	Carrick Regency	2,250	91,887	69%	80	74	755	15,161
PA 1-47	Gualtieri Manor	1,348	55,891	58%	80	74	453	7,751

Heating Degree Days @ 60=	4606	Cooling Degree Days @ 70=	292
Heating Degree Days @ 65=	5829	Cooling Degree Days @ 65=	726
DD/Deg.F=	245	DD/Deg.F=	87
% reduction per Deg.F=	4%	% reduction per Deg.F=	12%
Target indoor Temp.=	72	Target indoor Temp.=	76

Area	Electrical Savings kWh	Electrical Savings $	Natural Gas Savings MCF	Natural Gas Savings $	Total $
All Areas	**92,546**	**$10,532**	**2,294**	**$45,573**	**$56,105**

* Buildings are Opt C, therfore savings not included in limiting thermostats savings totals

Replace Ventilation Units, New Chiller & Insulate Duct Savings

ECM: **Replace Existing Gas Fired Rooftop Corridor Ventilation Units**

		Annual Savings		Savings % of Total	
HA Site #	**Site Name**	**Natural Gas - MCF**	**Electric - kWh**	**Natural Gas - MCF**	**Electric - kWh**
PA1-31	Murray Towers	**103**	**13,243**	1.55%	3.06%
PA 1-40	Mazza Pavilion (Brookline)	**60**	**6,445**	2.35%	2.72%
	Totals	**163**	**19,688**	0.06%	0.09%

			Current Ventilation Units		New Ventilation Units			
HA Site #	**Site Name**	**CFM**	**Heating Efficiency**	**MCF per Year***	**Heating Efficiency**	**MCF per Year***	**Cooling kW per Ton**	**kWh per Year***
PA1-31	Murray Towers	8,445	0.75	1,652	0.80	1,548	1	13,243
PA 1-40	Mazza Pavilion (Brookline)	4,110	0.75	804	0.81	744	1	
	Totals	**12,555**		**2,456**		**2,293**		**13,243**

***MCF per Year Calcs** MCF/yr. = cfm x Ca x H x dT / Eh / 1030000

***kWh per Year Calcs** kWh/yr. = cfm x Ca x Ec x H x dT / 12000

Where:
Ca= Heat capacity factor for air
dT= Change in Temperature, Deg.F
cfm= Airflow Cubic Feet per Minute
H= Hours of Operation at Design Capacity per Year
Eh= Heating Efficiency
Ec= Cooling Efficiency, kW/Ton

ECM: **Insulate Exterior Duct Runs of Make Up Air Handling Unit**

		Annual Savings		Savings % of Total	
HA Site #	**Site Name**	**Natural Gas - MCF**	**Electric - kWh**	**Natural Gas - MCF**	**Electric - kWh**
PA1-31	Murray Towers	20	212	0.31%	0.05%

MAU Heating Temp:	**85**
MAU Cooling Temp:	**70**
Heating Efficiency:	**70.0%**
EER:	**10**

HA Site #	**Site Name**	**Total Surface Area Sq Ft**	**Present U-Factor**	**Current MCFs**	**Current kWh**	**New U-Factor**	**Heating MCFs Saved**	**Cooling kWhs Saved**
PA1-31	Murray Towers	100	1	23	236	0	21	**212**

***MCF Saved Calcs** MCF/yr. = A x dU x H x dT / Bmcf / Eh

***kWh Saved Calcs** kWh/yr. = A x dU x H x dT / K / EER

Where:
dU= Change in Heat Transmission (U) Value
H= Equivalent Hours of Operation at Design Capacity per Year
A= Total SF of Duct Surface
dT= Change in Temperature, Deg.F
EER= Energy Efficiency Ratio, MBtu/kWh
Eh= Heating Efficiency
Bmcf= Btus per MCF of natural gas= 1,040,000
K= Watts per Kilowatt= 1000

ECM Number	**Electrical Savings kWh**	**Electrical Savings $**	**Natural Gas Savings MCF**	**Natural Gas Savings $**	**Total $**
30 New Unit	13,243	$1,507	Option C Savings		**$1,507**
32 Heat Recovery / New Chiller*	3,842	$437			**$437**
37 Insulate Duct	212	$24			**$24**

*Note: As per change order 1, the new chiller's potential to save is estimated to be the same as the originally proposed heat recovery savings. The original proposed savings are shown.

Adjustment Summary

HA Site #	Site Name	Electric		Gas		Water		Total	
PA 1-04	Arlington Heights	$	2,983	$	-			$	2,983
PA 1-09	Northview Heights	$	(22,779)	$	143,810			$	121,031
PA 1-20	Homewood North	$	(11,438)	$	41,428			$	29,991
PA 1-40	Mazza Pavilion	$	2,816	$	22,886	$	2,345	$	28,047
PA 1-41	Caliguiri Plaza	$	22,886	$	-			$	22,886
PA 1-45	Morse Gardens	$	2,345	$	-			$	2,345
		$	(3,187)	$	208,124	$	2,345	**$**	**207,282**

Adjustment Details

1. Override of Limiting Thermostats

Discussion:

During installation and subsequent site visits and surveys, it has been discovered that many of the installed limit thermostats have been overridden. In discussion with the Authority maintenance staff, it was found that the override process is well known through the residents, and certain individuals have been charging to effect the override change. These changes eliminate the planned savings for these units, and the calculations below quantify the needed adjustments. Visual inspections were completed to affirm that the condition exists.

Calculations:

PICR Survey of 25 July 2011

ECM

High Limit Tstat	**Location**	**Activity**	
Northview Heights		Verify in place and operating	
		Verify program	
	Units		**Complete**
	1	1328 Chicago 779	ok
	2	427 Mt Pleasant 898	Overridden

Annual Inspection 14 Sept 2012

ECM

High Limit Tstat	**Location**	**Activity**	
Northview Heights		Verify in place and operating	
		Verify program	
	Units		**Complete**
	1	331 Mt Pleasant	ok
	2	903 Mt Pleasant	ok
	3	1435 Chicago	Overridden
	4	1479 Chicago	Overridden
	5	1487 Chicago	Overridden
	6	608 Mt Pleasant	ok
	7	758 Mt Pleasant	ok
	8	816 Mt Pleasant	ok

PICR Survey 25 July 2011

ECM

High Limit Tstat	**Location**	**Activity**	
Arlington Heights		Verify in place and operating	
		Verify program	
	Units		**Complete**
	1	3140-659	Overridden
	2	6053-564	Overridden
	3	3146-620	ok

Adjustment Details

Annual Inspection 14 Sept 2012
ECM

High Limit Tstat	**Location**	**Activity**	
Arlington Heights		Verify in place and operating	
		Verify program	
	Units		**Complete**
	1	3145-595	Overridden
	2	3150-630	Overridden
	3	3150-628	ok
	4	3032-543	Overridden

Annual Inspection 14 Sept 2012
ECM

High Limit Tstat	**Location**	**Activity**	
Glen Hazel Family		Verify in place and operating	
		Verify program	
	Units		**Complete**
	1	649 Johnston	Overridden
	2	742 Johnston	Overridden
	3	729 Johnston	Overridden
	4	680 Johnston	Inacc

Annual Inspection 14 Sept 2012
ECM

High Limit Tstat	**Location**	**Activity**	
Caliguri Plaza		Verify in place and operating	
		Verify program	
	Units		**Complete**
	1	511	ok
	2	611	ok
	3	612	Overridden

PICR Survey 25 July 2011
ECM

High Limit Tstat	**Location**	**Activity**	
Morse Gardens	**Carliguri Plaza**	Verify in place and operating	
		Verify program	
	Units		**Complete**
	1	114	Overridden
	2	118	Overridden
	3	404	ok

Site Name	**Inspected**	**Overridden**	**Percent of Sample**	**Installed Total**	**Total Overridden**
Northview Heights	10	4	40.0%	501	200
Arlington Heights	7	5	71.4%	150	107
Glen Hazel Family	4	3	75.0%	128	96
Caliguri Plaza	3	1	33.3%	104	35
Morse Gardens	3	2	66.7%	70	47

Adjustment Details

1. Increase in Energy Use Due to Overriding of High Limit Thermostats

Discussion:

It has been discovered that a large percentage of the installed High Limit thermostats have been overridden.
This override entails a software change to allow access to the limit program.
As there is no method of positively identifying the sum of the lost savings, an average overridden space temperature was used to calculate the overall affect of the changes. A one-half degree deviation for plan is a conservative value based on the set points observed at the annual verification survey.
The calculation below demonstrate the sum loss of savings.

Calculation:

Contract Savings Calculations (Plan Savings)

HA Site #	Site Name	Present Modified* Gas Heating MCF/yr	Present Modified* Electric Heating kWh/yr	Present Modified* Electric Cooling kWh/yr	% of Cooling Controlled by Tenant Tstats	Indoor Temp. Heating	Indoor Temp. Cooling	Gas Savings MCF/yr	Plan Electric Htg Savings kWh/yr	Plan Electric Clg Savings kWh/yr
PA 1-04	Arlington Heights	9,486	-	62,618	100%	75	74	1,194	0	14,973
PA 1-09	Northview Heights	48,596	-	397,647	100%	75	74	6,118	0	95,085
PA 1-32	Glen Hazel Family	10,931	-	186,049	0%	77	74	2,293	0	0
PA 1-41	Caliguiri Plaza	3,547	-	165,286	77%	78	74	893	0	30,433
PA 1-45	Morse Gardens	2,487	-	119,734	68%	80	74	835	0	19,469

***Modified by changes created by Lighting, Envelope, Window, Door, Roof, Façade,Ventilation,AHU and Ht.Recovery ECMs**

Heating Degree Days @ 60=	4606	Cooling Degree Days @ 70=	292
Heating Degree Days @ 65=	5829	Cooling Degree Days @ 65=	726
DD/Deg.F=	245	DD/Deg.F=	87
% reduction per Deg.F=	4%	% reduction per Deg.F=	12%
Target indoor Temp.=	72	Target indoor Temp.=	76

Calculated Lost Savings

HA Site #	Site Name	Present Modified* Gas Heating MCF/yr	Present Modified* Electric Heating kWh/yr	Present Modified* Electric Cooling kWh/yr	% of Cooling Controlled by Tenant Tstats	Indoor Temp. Heating	Indoor Temp. Cooling	Gas Savings MCF/yr	Actual Electric Htg Savings kWh/yr	Actual Electric Clg Savings kWh/yr
PA 1-04	Arlington Heights	9,486	-	62,618	100%	75	74	995	0	11,230
PA 1-09	Northview Heights	48,596	-	397,647	100%	75	74	5,098	0	71,314
PA 1-32	Glen Hazel Family	10,931	-	186,049	0%	77	74	2,064	0	0
PA 1-41	Caliguiri Plaza	3,547	-	165,286	77%	78	74	819	0	22,824
PA 1-45	Morse Gardens	2,487	-	119,734	68%	80	74	783	0	14,602

Average Heating Temp =	72.5
Average Cooling Temp =	75.5

Adjustment Details

		Plan Savings		Actual Savings		Cost Per Unit		Adjustment	
HA Site #	Site Name	Natural Gas - MCF	Electric - kWh	Natural Gas-MCF\	Electric - kWh	Natural Gas	Electric	Natural Gas	Electric
PA 1-04	Arlington Heights		14,973		11,230		$0.1138	$0	$2,983
PA 1-09	Northview Heights		95,085		71,314		$0.1138	$0	$18,944
PA 1-32	Glen Hazel Family		0		0		$0.1138	$0	$0
PA 1-41	Caliguiri Plaza		30,433		22,824		$0.1138	$0	$6,063
PA 1-45	Morse Gardens		19,469		14,602		$0.1138	$0	$3,879
				0	119,969				
						Subtotals:	=	$0	$31,870
									$31,870

2.Change Order 2 -Elimination of Mazza Pavilion

Discussion:

During installation Mazza Pavilion was removed from the project via Change Order #2 Rev #2 dated 30 July, 2008
This Change Order required that the affect of that elimination be noted as an adjustment to savings.
The following values are adjustments to comply with that requirement.

Mazza Pavilion	Electric Savings	$2,816
	Gas Savings	$22,886
	Water Savings	$2,345
	Total Savings	$28,047

3. Change Order 2 -Elimination of Geothermal Units

Discussion:

During the installation it was determined that a modification in the scope and number of geothermal units was in order. These changes are detailed in Change Order #2 Rev

Calculations:

Geothermal deduction savings:

HA Site #	Site Name	Common Sq. Feet	Bldg Sq. Feet	Year Built	# of Flrs	# of Units	# of Bldgs	2 BR	3 BR	4 BR	5 BR	6 BR
PA 1-09	Northview Heights	30,000	595,100	1960	2	501	75	36	353	87	25	0
							% of Site per BR:	7%	70%	17%	5%	
							Gas Savings per BR (MCF):	2,714	26,613	6,559	1,885	
							Electric Savings per BR (kWh):	(137,490)	(1,348,162)	(332,267)	(95,479)	
							Units Eliminated:		66	27	3	
							% units Eliminated:		0.19	0.31	0.12	
							Gas Savings Eliminated (MCF):		4,976	2,036	226	
							Electric Savings Eliminated (kWh):		(252,064)	(103,117)	(11,457)	
PA 1-20	Homewood North	8,000	145,550	1970	2 & 3	135	20	38	58	30	0	9
							% of Site per BR:	28%	43%	22%	0%	7%
							Gas Savings per BR (MCF):	4,952	7,558	3,909	0	1,173
							Electric Savings per BR (kWh):	(238,706)	(364,340)	(188,452)	0	(56,536)
							Units Eliminated:		13	2		1
							% units Eliminated:		22%	7%		11%
							Gas Savings Eliminated (MCF):		1,694	261		130
							Electric Savings Eliminated (kWh):		(81,662)	(12,563)		(6,282)

	Natural Gas			Electric			Water		
	MCF	$		kWh	$		kGal	$	
Delete **96** units, Northview Heights	7,238	$ 143,810	$ 19.87	-366,639	$ (41,724)	$ 0.1138			
Delete **16** units, Homewood North	2,085	$ 41,428	$ 19.87	-100,508	$ (11,438)	$ 0.1138			

Building Utilities Baselines

		Natural Gas - MCF			Electric - kWh			Water - Mgals			Total	
HA Site #	Site Name	MCF/yr.	Cost/yr.	$ per MCF	kWh/yr.	Cost/yr.	$ per kWh	Mgal/yr.	Cost/yr.	$ per Mgals	Cost/yr.	AMP #
PA 1-01	Addison Terrace	56,106	$ 1,114,862	$ 19.87	4,288,267	$ 488,211	$ 0.11	52,514	$ 486,808	$ 9.27	$ 2,089,881	**1**
PA 1-02	Bedford Dwellings	52,217	$ 1,037,590	$ 19.87	3,209,330	$ 365,376	$ 0.11	-	$ -	$ -	$ 1,402,966	**2**
PA 1-04	Arlington Heights	11,491	$ 228,332	$ 19.87	675,017	$ 76,849	$ 0.11	13,355	$ 123,801	$ 9.27	$ 428,982	**4**
PA 1-05	Allegheny Dwellings	17,214	$ 342,053	$ 19.87	2,312,239	$ 263,244	$ 0.11	10,321	$ 95,679	$ 9.27	$ 700,975	**5**
PA 1-09	Northview Heights	56,014	$ 1,113,030	$ 19.87	4,018,889	$ 457,543	$ 0.11	24,572	$ 227,782	$ 9.27	$ 1,798,355	**9**
PA 1-09H	Northview High Rise	6,224	$ 123,670	$ 19.87	446,543	$ 50,838	$ 0.11	2,730	$ 25,309	$ 9.27	$ 199,817	**9**
PA 1-11	Hamilton-Larimer	1,999	$ 39,716	$ 19.87	143,352	$ 16,320	$ 0.11	3,476	$ 32,222	$ 9.27	$ 88,259	**11**
PA 1-15	Pennsylvania-Bidwell	11,237	$ 223,279	$ 19.87	667,553	$ 76,000	$ 0.11	4,573	$ 42,396	$ 9.27	$ 341,674	**15**
PA 1-17	Pressley Street	13,102	$ 260,345	$ 19.87	1,439,800	$ 163,918	$ 0.11	6,287	$ 58,284	$ 9.27	$ 482,547	**17**
PA 1-20	Homewood North	23,843	$ 473,784	$ 19.87	926,803	$ 105,515	$ 0.11	16,317	$ 151,258	$ 9.27	$ 730,556	**20**
PA 1-31	Murray Towers	6,651	$ 132,166	$ 19.87	433,333	$ 49,334	$ 0.11	3,656	$ 33,888	$ 9.27	$ 215,388	**31**
PA 1-32	Glen Hazel Family	13,222	$ 262,732	$ 19.87	1,128,794	$ 128,511	$ 0.11	11,021	$ 102,168	$ 9.27	$ 493,411	**10**
PA 1-40	Mazza Pavilion (Brookline)	2,532	$ 50,314	$ 19.87	236,747	$ 26,953	$ 0.11	1,326	$ 12,294	$ 9.27	$ 89,560	**40**
PA 1-41	Caliguiri Plaza (Allentown)	4,198	$ 83,423	$ 19.87	814,918	$ 92,777	$ 0.11	3,454	$ 32,015	$ 9.27	$ 208,216	**41**
PA 1-44	Finello Pavilion (South Oakland	1,594	$ 31,677	$ 19.87	491,377	$ 55,942	$ 0.11	-	$ -	$ -	$ 87,619	**44**
PA 1-45	Morse Gardens	2,999	$ 59,588	$ 19.87	574,185	$ 65,370	$ 0.11	3,036	$ 28,144	$ 9.27	$ 153,101	**45**
PA 1-46	Carrick Regency	2,456	$ 48,812	$ 19.87	650,483	$ 74,056	$ 0.11	2,861	$ 26,525	$ 9.27	$ 149,392	**46**
PA 1-47	Gualtieri Manor	1,408	$ 27,980	$ 19.87	288,945	$ 32,896	$ 0.11	1,529	$ 14,170	$ 9.27	$ 75,046	**47**
		284,508	**$ 5,653,351**	**$ 19.87**	**22,746,575**	**$ 2,589,654**	**$ 0.114**	**161,029**	**$ 1,492,741**	**$ 9.27**	**$ 9,735,745**	

Natural Gas Cost: $19.8706 per MCF
Electric Cost: $0.1138 per Kwh
WaterCost: $9.2700 Per Mgal.
Combined Water/Sewer: $9.2700 Per Mgal.

Site Survey

ECM

Lighting	**Location**	**Activity**	**Task**
PA1-01	**Addison Terrace**	Walk through to verify parameters	Verify lamps installed
	2025 Bentley		Verify general condition
			Verify function of fixtures
			Identify adjustments

Units		Complete
1	2016-511	note 1
2	2051-501	note 1
3	2073 544	Inacc
4	2071-536	ok
5	2115-601	ok
6	2114-677	ok
7	2112-685	ok
8	2118-666	ok
9	2124-639	ok
10	2134-628	ok

ECM

Water	**Location**	**Activity**
	Addison Terrace	Check fixtures for operation and integrity

Units		Complete
1	2016-511	ok
2	2051-501	note 1
3	2073 544	Inacc
4	2071-536	ok
5	2115-601	ok
6	2114-677	ok
7	2112-685	ok
8	2118-666	ok
9	2124-639	ok
10	2134-628	ok

Addison Terrace 2124-639 Commode

Site Survey

ECM
Building Envelope | **Location** | **Activity**

ECM	Location	Activity
Building Envelope	**Addison Terrace**	Check windows and sealing

Units		Complete
1	2016-511	note 1
2	2051-501	note 1
3	2073 544	Inacc
4	2071-536	note 1
5	2115-601	ok
6	2114-677	ok
7	2112-685	ok
8	2118-666	ok
9	2124-639	ok
10	2134-628	ok

ECM	Location	Activity
Refrigerators	**Addison Terrace**	Verify in place and operating

Units		Complete
1	2016-511	note 1
2	2051-501	note 1
3	2073 544	note 1
4	2071-536	note 1
5	2115-601	ok
6	2114-677	ok
7	2112-685	note 1
8	2118-666	ok
9	2124-639	ok
10	2134-628	ok

Addison Terrace 2124-639 Refrigerator

Comments
Note 1 Refrigerators gone to rehab

MVS: John Dillon
Date of Inspection: 9/13/12

Site Survey

ECM

Lighting	**Location**	**Activity**	**Task**
PA1-02	**Bedford Dwellings**	Walk through to verify parameters	Verify lamps installed
	2305 Bedford		Verify general condition
			Verify function of fixtures
			Identify adjustments

Units		Complete
1	2235-1	ok
2	2267-3	ok
3	6-2269-59	note 2
4	28-2405-417	ok
5	28-2403-411	ok
6	26-2423-377	ok
7	25-2427-362	Inacc
8	25-2431-351	ok
9	23-2447-324	ok
10	21-2515-294	ok
11	18-2541-229	ok

ECM

Building Envelope	**Location**	**Activity**
	Bedford Dwellings	Check windows and sealing

Units		Complete
1	2235-1	ok
2	2267-3	ok
3	6-2269-59	note 2
4	28-2405-417	ok
5	28-2403-411	ok
6	26-2423-377	ok
7	25-2427-362	Inacc
8	25-2431-351	ok
9	23-2447-324	ok
10	21-2515-294	ok
11	18-2541-229	ok

ECM

Refrigerators	**Location**	**Activity**
	Bedford Dwellings	Verify in place and operating

Units		Complete
1	2235-1	ok
2	2267-3	note 1
3	6-2269-59	note 2
4	28-2405-417	ok
5	28-2403-411	ok
6	26-2423-377	ok
7	25-2427-362	Inacc
8	25-2431-351	ok
9	23-2447-324	ok
10	21-2515-294	ok
11	18-2541-229	ok

MVS: John Dillon
Date of Inspection: 9/13/12

Site Survey

Bedford Dwellings 28-2403-411 Rehabilitated Kitchen

Comments
Note 1 In rehab
Note 2 Entire apartment in major rehab.
Note 3 Unit 25-2427-362 could not be accessed as keys did not open door.

ECM

Lighting	**Location**	**Activity**	**Task**
PA1-04	**Arlington Heights**	Walk through to verify parameters	Verify lamps installed
	3250 Arlington		Verify general condition
			Verify function of fixtures
			Identify adjustments

Units		Complete
1	3145-595	ok
2	3150-630	ok
3	3150-628	ok
4	3032-543	ok

ECM

Water	**Location**	**Activity**
	Arlington Heights	Check fixtures for operation and integrity

Units		Complete
1	3145-595	ok
2	3150-630	note 1
3	3150-628	ok
4	3032-543	ok

MVS: John Dillon
Date of Inspection: 9/13/12

Site Survey

ECM
Building Envelope

Location	**Activity**
Arlington Heights	Check windows and sealing

Units		**Complete**
1	3145-595	ok
2	3150-630	ok
3	3150-628	ok
4	3032-543	ok

ECM
High Limit Thermostat

Location	**Activity**
Arlington Heights	Verify in place and operating Verify program

Units		**Complete**
1	3145-595	note 2
2	3150-630	note 2
3	3150-628	ok
4	3032-543	note 2

ECM
Geo Thermal Heat

Location	**Activity**
Arlington Heights	Verify in place and operating Verify condition of unit

Units		**Complete**
1	3145-595	ok
2	3150-630	ok
3	3150-628	ok
4	3032-543	ok

Comments
Note 1 Needs new aerator in kitchen
Note 2 Thermostat limits overridden

MVS: John Dillon
Date of Inspection: 9/13/12

Site Survey

ECM			
Lighting	**Location**	**Activity**	**Task**
PA1-05	**Allegheny Dwellings**	Walk through to verify parameters	Verify lamps installed
	1720 Belleau		Verify general condition
			Verify function of fixtures
			Identify adjustments

Units		Complete
1	1815-01	ok
2	1809-10	ok
3	1723-37	ok
4	1723-38	ok
5	1829-55	note 4
6	1823-63	Inacc
7	1620	Inacc
8	1630-213	ok

Allegheny Dwellings Hallway Outside 1823-63

ECM		
Water	**Location**	**Activity**
	Allegheny Dwellings	Check fixtures for operation and integrity

Units		Complete
1	1815-01	ok
2	1809-10	note 1
3	1723-37	note 2
4	1723-38	note 3
5	1829-55	note 3
6	1823-63	Inacc
7	1620	Inacc
8	1630-213	ok

Site Survey

ECM
Building Envelope | **Location** | **Activity**

ECM	Location	Activity
Building Envelope	**Allegheny Dwellings**	Check windows and sealing

Units		Complete
1	1815-01	ok
2	1809-10	ok
3	1723-37	ok
4	1723-38	ok
5	1829-55	ok
6	1823-63	Inacc
7	1620	Inacc
8	1630-213	ok

ECM	Location	Activity
Refrigerators	**Allegheny Dwellings**	Verify in place and operating

Units		Complete
1	1815-01	ok
2	1809-10	note 1
3	1723-37	ok
4	1723-38	ok
5	1829-55	ok
6	1823-63	Inacc
7	1620	Inacc
8	1630-213	note 5

Comments
Note 1 Being rehab'ed no sinks
Note 2 Need kitchen and bathroom aerator
Note 3 Needs new kitchen aerator
Note 4 Fan in living room with incandescent lights
Note 5 Refer out for rehab.

ECM	Location	Activity	Task
Lighting			
PA1-09	**Northview Heights**	Walk through to verify parameters	Verify lamps installed
	533 Mt Pleasant		Verify general condition
			Verify function of fixtures
			Identify adjustments

Units		Complete
1	331 Mt Pleasant	note 1
2	903 Mt Pleasant	ok
3	1435 Chicago	ok
4	1479 Chicago	ok
5	1487 Chicago	ok
6	608 Mt Pleasant	ok
7	758 Mt Pleasant	ok
8	816 Mt Pleasant	ok

MVS: John Dillon
Date of Inspection: 9/13/12

ECM

Water	**Location**	**Activity**
	Northview Heights	Check fixtures for operation and integrity

Units		Complete
1	331 Mt Pleasant	ok
2	903 Mt Pleasant	ok
3	1435 Chicago	ok
4	1479 Chicago	ok
5	1487 Chicago	ok
6	608 Mt Pleasant	ok
7	758 Mt Pleasant	ok
8	816 Mt Pleasant	ok

Northview Heights 1435 Chicago Bathroom Sink

ECM

Roof and Insulation	**Location**	**Activity**
	Northview Heights	Walk through to verify parameters

Units		Complete
1	331 Mt Pleasant	ok
2	903 Mt Pleasant	ok
3	1435 Chicago	ok
4	1479 Chicago	ok
5	1487 Chicago	ok
6	608 Mt Pleasant	ok
7	758 Mt Pleasant	ok
8	816 Mt Pleasant	ok

ECM
High Limit Thermostat

Location	Activity
Northview Heights	Verify in place and operating Verify program

Units		Complete
1	331 Mt Pleasant	ok
2	903 Mt Pleasant	ok
3	1435 Chicago	note 3
4	1479 Chicago	note 5
5	1487 Chicago	note 3
6	608 Mt Pleasant	ok
7	758 Mt Pleasant	ok
8	816 Mt Pleasant	ok

ECM
Refrigerators

Location	Activity
Northview Heights	Verify in place and operating

Units		Complete
1	331 Mt Pleasant	ok
2	903 Mt Pleasant	ok
3	1435 Chicago	ok
4	1479 Chicago	ok
5	1487 Chicago	ok
6	608 Mt Pleasant	ok
7	758 Mt Pleasant	ok
8	816 Mt Pleasant	ok

ECM
Geo Thermal Heat

Location	Activity
Northview Heights	Verify in place and operating Verify condition of unit

Units		Complete
1	331 Mt Pleasant	note 2
2	903 Mt Pleasant	ok
3	1435 Chicago	ok
4	1479 Chicago	ok
5	1487 Chicago	ok
6	608 Mt Pleasant	ok
7	758 Mt Pleasant	ok
8	816 Mt Pleasant	ok

Site Survey

Comments

Note 1 Incandescent in kitchen and upstairs hallway.

Note 2 Customer has had many failures on Climate Master units. Vibration has caused tubing and wiring failures.

Note 3 Thermostat overridden

Note 4 Customer has experienced problems on the Domestic HW system from the H\heat pump. Trouble maintaining temp in heating mode.

Note 5 Needs new thermostat. Temps won't change easily.

Note 6 New heat pumps required authority to upgrade electrical service. Use of Emergency drew too much current knocking out main power feed.

Note 7 Customer found some lateral water feeds only 3-3.5 feet and above frost line.

ECM

Lighting	**Location**	**Activity**	**Task**
PA1-09H	**Northview Heights High Rise** 533 Mt Pleasant	Walk through to verify parameters	Verify lamps installed Verify general condition Verify function of fixtures Identify adjustments

Units		Complete
1	902	ok
2	508	ok
3	312	ok

ECM

Water	**Location**	**Activity**
	Northview Heights High Rise	Check fixtures for operation and integrity

Units		Complete
1	902	ok
2	508	ok
3	312	ok

High Rise Northview Heights Apartment 508

Site Survey

ECM
Building Envelope

Location | **Activity**

Northview Heights High Rise — Check windows and sealing

Units		Complete
1	902	ok
2	508	ok
3	312	ok

Comments

ECM
Lighting
PA1-11

Location
Hamilton-Larimer
6290 Auburn

Activity
Walk through to verify parameters

Task
Verify lamps installed
Verify general condition
Verify function of fixtures
Identify adjustments

Units		Complete
1	6228 Auburn	ok

ECM
Water

Location
Hamilton-Larimer

Activity
Check fixtures for operation and integrity

Units		Complete
1	6228 Auburn	ok

ECM
Refrigerators

Location
Hamilton-Larimer

Activity
Verify in place and operating

Units		Complete
1	6228 Auburn	ok

ECM
Geo Thermal Heat

Location
Hamilton-Larimer

Activity
Verify in place and operating
Verify condition of unit

Units		Complete
1	6228 Auburn	note 1

Comments
Note 1 Thermostat limits overridden

MVS: John Dillon
Date of Inspection: 9/13/12

Site Survey

ECM

Lighting	**Location**	**Activity**	**Task**
PA1-15	**Pennsylvania-Bidwell**	Walk through to verify parameters	Verify lamps installed
	1014 Sheffield		Verify general condition
			Verify function of fixtures
			Identify adjustments

Units		Complete
1	906	ok
2	710	ok
3	813	ok
4	301	ok

ECM

Water	**Location**	**Activity**
	Pennsylvania-Bidwell	Check fixtures for operation and integrity

Units		Complete
1	906	ok
2	710	ok
3	813	ok
4	301	ok

Bidwell Apartment 710 Bathroom Sink

ECM

Building Envelope	**Location**	**Activity**
	Pennsylvania-Bidwell	Check windows and sealing

Units		Complete
1	906	ok
2	710	ok
3	813	ok
4	301	ok

MVS: John Dillon
Date of Inspection: 9/13/12

Site Survey

ECM
Radiator Valves

Location	**Activity**	**Task**
Pennsylvania-Bidwell	Walk through to verify parameters	Verify valves installed Verify general condition Verify function of fixtures Identify adjustments

Units		Complete
1	906	ok
2	710	ok
3	813	ok
4	301	ok

Comments
Note Several handicapped units have radiation controls buried behind grille. Impossible for them to adjust.

ECM
Lighting
PA1-17

Location	**Activity**	**Task**
Pressley St 601 Pressley	Walk through to verify parameters	Verify lamps installed Verify general condition Verify function of fixtures Identify adjustments

Units		Complete
1	1201	ok
2	1004	Inacc
3	1018	ok
4	812	ok
5	605	ok
6	309	ok

ECM
Water

Location	**Activity**
Pressley St	Check fixtures for operation and integrity

Units		Complete
1	1201	note 1
2	1004	Inacc
3	1018	ok
4	812	ok
5	605	ok
6	309	ok

Pressley St Apartment 1201 Kitchen Sink No Aerator

Site Survey

ECM
Building Envelope

	Location	**Activity**
	Pressley St	Check windows and sealing

Units		**Complete**
1	1201	ok
2	1004	Inacc
3	1018	ok
4	812	ok
5	605	ok
6	309	ok

Comments
Inaccessible apartment resident did not answer. Barking dog.

ECM

Lighting	**Location**	**Activity**	**Task**
PA1-20	**Homewood North**	Walk through to verify parameters	Verify lamps installed
	10 Albertice		Verify general condition
			Verify function of fixtures
			Identify adjustments

Units		**Complete**
1	1253 Mohler	ok
2	1312 Mohler	ok
3	1272 Mohler	ok
4	1243 Mohler	ok

Homewood North 1253 Mohler Kitchen Fixture

ECM

Water	**Location**	**Activity**
	Homewood North	Check fixtures for operation and integrity

Units		**Complete**
1	1253 Mohler	ok
2	1312 Mohler	ok
3	1272 Mohler	ok
4	1243 Mohler	ok

Homewood North 1312 Mohler Shower head

ECM
Building Envelope

Location	**Activity**
Homewood North	Check windows and sealing

Units		Complete
1	1253 Mohler	ok
2	1312 Mohler	ok
3	1272 Mohler	ok
4	1243 Mohler	ok

ECM
High Limit Thermostats

Location	**Activity**
Homewood North	Verify in place and operating Verify program

Units		Complete
1	1253 Mohler	ok
2	1312 Mohler	ok
3	1272 Mohler	ok
4	1243 Mohler	ok

ECM
Geo Thermal Heat

Location	**Activity**
Homewood North	Verify in place and operating Verify condition of unit

Units		Complete
1	1253 Mohler	ok
2	1312 Mohler	ok
3	1272 Mohler	ok
4	1243 Mohler	ok

Comments

MVS: John Dillon
Date of Inspection: 9/13/12

ECM
Lighting | **Location** | **Activity** | **Task**
PA1-31 | **Murray Towers** 2825 Murray | Walk through to verify parameters | Verify lamps installed; Verify general condition; Verify function of fixtures; Identify adjustments

Units		Complete
1	407	ok
2	807	ok
3	811	ok

ECM
Water

Location
Murray Towers

Activity
Check fixtures for operation and integrity

Units		Complete
1	407	note 1
2	807	ok
3	811	ok

ECM
Building Envelope

Location
Murray Towers

Activity
Check windows and sealing

Units		Complete
1	407	ok
2	807	ok
3	811	ok

ECM
Radiator Valves

Location
Murray Towers

Activity
Walk through to verify parameters

Task
Verify valves installed
Verify general condition
Verify function of fixtures
Identify adjustments

Units		Complete
1	407	ok
2	807	ok
3	811	ok

Murray Towers Apartment 807 Radiator Valve Control

Comments
Note 1 Bathroom needs sink aerator. Low flow has been removed.

Site Survey

ECM

Lighting	**Location**	**Activity**	**Task**
PA1-32	**Glen Hazel Family**	Walk through to verify parameters	Verify lamps installed
	945 Roselle		Verify general condition
			Verify function of fixtures
			Identify adjustments

Units		**Complete**
1	649 Johnston	ok
2	742 Johnston	ok
3	729 Johnston	ok
4	680 Johnston	Inacc

ECM

Water	**Location**	**Activity**
	Glen Hazel Family	Check fixtures for operation and integrity

Units		**Complete**
1	649 Johnston	ok
2	742 Johnston	ok
3	729 Johnston	ok
4	680 Johnston	Inacc

ECM

High Limit Thermostats	**Location**	**Activity**
	Glen Hazel Family	Verify in place and operating
		Verify program

Units		**Complete**
1	649 Johnston	note 1
2	742 Johnston	note 1
3	729 Johnston	note 1
4	680 Johnston	Inacc

ECM

Refrigerators	**Location**	**Activity**
	Glen Hazel Family	Verify in place and operating

Units		**Complete**
1	649 Johnston	ok
2	742 Johnston	ok
3	729 Johnston	note 2
4	680 Johnston	Inacc

Comments

Note 1 Thermostat limits overridden

Note 2 Has a small dorm refrigerator located in dining area.

MVS: John Dillon

Date of Inspection: 9/13/12

Site Survey

ECM	Location		Activity		Task
Lighting	**Location**		**Activity**		**Task**
PA1-40	**Mazza Pavilion**		Walk through to verify parameters		Verify lamps installed
	920 Brookline				Verify general condition
					Verify function of fixtures
		Units		**Complete**	Identify adjustments
		1	406	ok	

ECM	Location		Activity	
Water	**Location**		**Activity**	
	Mazza Pavilion		Check fixtures for operation and integrity	
		Units		**Complete**
		1	406	ok

ECM	Location		Activity	
High Limit Thermostats	**Location**		**Activity**	
	Mazza Pavilion		Verify in place and operating Verify program	
		Units		**Complete**
		1	406	ok

ECM	Location		Activity	
Building Envelope	**Location**		**Activity**	
	Mazza Pavilion		Check windows and sealing	
		Units		**Complete**
		1	406	ok

Comments

Site Survey

ECM
Lighting
PA1-41

Location
Carliguri Plaza
801 E Warrington

Activity
Walk through to verify parameters

Task
Verify lamps installed
Verify general condition
Verify function of fixtures
Identify adjustments

Units		Complete
1	511	ok
2	611	ok
3	612	ok

Carliguiri Plaza Hall outside Apartment 611

ECM
Water

Location
Carliguri Plaza

Activity
Check fixtures for operation and integrity

Units		Complete
1	511	ok
2	611	ok
3	612	ok

ECM
High Limit
Thermostats

Location
Carliguri Plaza

Activity
Verify in place and operating
Verify program

Units		Complete
1	511	ok
2	611	ok
3	612	note 1

MVS: John Dillon
Date of Inspection: 9/13/12

Site Survey

ECM
Building Envelope

	Location	**Activity**
	Carliguri Plaza	Check windows and sealing

Units		**Complete**
1	511	ok
2	611	ok
3	612	ok

Comments
Note 1 Thermostat limits overridden

ECM

Lighting	**Location**	**Activity**	**Task**
PA1-44	**Finello Pavilion**	Walk through to verify parameters	Verify lamps installed
	3206 Niagara		Verify general condition
			Verify function of fixtures
			Identify adjustments

Units		**Complete**
1	305	ok
2	602	ok

ECM
High Limit Thermostats

	Location	**Activity**
	Finello Pavilion	Verify in place and operating Verify program

Units		**Complete**
1	305	ok
2	602	ok

ECM
Building Envelope

	Location	**Activity**
	Finello Pavilion	Check windows and sealing

Units		**Complete**
1	305	ok
2	602	ok

Comments

MVS: John Dillon
Date of Inspection: 9/13/12

Site Survey

ECM
Lighting | **Location** | **Activity** | **Task**

ECM	Location	Activity	Task
Lighting	**Location**	**Activity**	**Task**
PA1-45	**Morse Gardens**	Walk through to verify parameters	Verify lamps installed
	2416 Sarah		Verify general condition
			Verify function of fixtures
			Identify adjustments

Units		Complete
1	302	ok
2	108	ok

ECM
Water

Location	Activity
Morse Gardens	Check fixtures for operation and integrity

Units		Complete
1	302	ok
2	108	ok

Morse Garden Apartment 302 Shower head

ECM
High Limit Thermostats

Location	Activity
Morse Gardens	Verify in place and operating Verify program

Units		Complete
1	302	note 1
2	108	ok

Comments
Note 1 Unit is off at breaker for maintenance

MVS: John Dillon
Date of Inspection: 9/13/12

Site Survey

ECM

Lighting	**Location**	**Activity**	**Task**
PA1-46	**Carrick Regency**	Walk through to verify parameters	Verify lamps installed
	2129 Brownsville		Verify general condition
			Verify function of fixtures
			Identify adjustments

Units		**Complete**
1	7G	ok
2	3K	ok

ECM

Water	**Location**	**Activity**
	Carrick Regency	Check fixtures for operation and integrity

Units		**Complete**
1	7G	ok
2	3K	ok

Carrick Regency Apartment 7G Commode

ECM

High Limit Thermostats	**Location**	**Activity**
	Carrick Regency	Verify in place and operating
		Verify program

Units		**Complete**
1	7G	ok
2	3K	ok

ECM

Building Envel	**Location**	**Activity**
	Carrick Regency	Check windows and sealing

Units		**Complete**
1	7G	ok
2	3K	ok

Comments

Site Survey

ECM
Lighting
PA1-47

Location
Gualtieri Manor
2125 Los Angeles

Activity
Walk through to verify parameters

Task
Verify lamps installed
Verify general condition
Verify function of fixtures
Identify adjustments

Units		Complete
1	311	ok
2	401	ok
3	203	ok

ECM
Water

Location
Gualtieri Manor

Activity
Check fixtures for operation and integrity

Units		Complete
1	311	ok
2	401	ok
3	203	ok

ECM
High Limit Thermostats

Location
Gualtieri Manor

Activity
Verify in place and operating
Verify program

Units		Complete
1	311	ok
2	401	ok
3	203	ok

Gualtieri Manor Apartment 401 Limit Thermostat

Comments

MVS: John Dillon
Date of Inspection: 9/13/12

Glossary of Terms

actual cost	Actual energy cost taken directly from utility bill.
actual savings	Savings derived through the Metrix^{TM} program; baseline less actual costs. Positive actual savings indicate utility costs have been reduced after adjusting for weather and other variables in dollars.
balance point	(HtgDD), the outdoor temperature below which space heating is required or (ClgDD), the outdoor temperature above which space cooling is required.
baseline	The adjusted, tuned pre-retrofit bills (usually 1 year) used to compare to post-installation usage in order to calculate savings.
baseline cost	Cost calculated for the baseline using current rates.
billed dollars	Amount billed from utility company.
bill matching	Adjustment made by Metrix^{TM} to account for differing number of days in the billing period before calculating cost avoidance.
cost avoidance	The difference between the baseline cost and the actual or SimActual cost in dollars.
degree-day	Unit representing one degree of difference between the balance point selected and the average temperature during one day.
EER	Energy Efficiency Ratio of cooling equipment defined as the cooling effect in BTU's divided by the power use in watts
guarantee period	Time period specified in contract for which Honeywell will guarantee energy savings.
guarantee year	Number identifying for which year the review is performed based on the number of years the guarantee is in effect.
guaranteed savings	Those savings Honeywell promises the customer through the use of maintenance programs, retrofits, upgrades and energy management systems.

HVAC	Industry standard abbreviation for Heating, Ventilating and Air Conditioning.
HtgDD/ClgDD	HtgDD = Heating degree-days ClgDD = Cooling degree-days
kW	Kilowatt - a unit of electrical power, equal to 1000 watts.
kWh	Kilowatt hours - a unit of electrical energy or work, equal to that done by one kilowatt acting for one hour.
modification	An allowance for changes in the facility which affect utility usage that occur while tracking the performance of a meter. Modifications correct both the actual and baseline usage and cost for meters.
pre-installation	Time period (start month and stop month, typically one year's time) that is used as a benchmark for comparison which consists of all energy bills applicable to the retrofit.
R^2	A measure of how well the independent variable in a regression can explain changes in the dependent variable. An R^2 = "1.0" indicates a perfect correlation.
rate tariff	Actual amount the utility company charges per unit of energy or demand; used by Metrix™ to calculate utility costs for the SimActual & Baseline scenarios.
reference year	The actual usage for designated baseline period.
review period	Time period for which savings are reported.
runtime adjustment	Adjustment made for those hours equipment has run beyond the operating hours specified in the contract.
simactual	The total cost for the billing period as calculated by Metrix™.
weather adjustment	Adjustment made by Metrix™ for weather variations using degree days.

Honeywell

Report Delivery Receipt

Honeywell has presented the Cost Avoidance Review for Pittsburgh Housing Authority, Contract No. 565-89-52029. This report details total savings results through Year 1 and indicates energy cost avoidance of $2,568,363, as compared to the total guarantee per the contract of $2,584,170.

This receipt provides a permanent record of the review and status of acceptance of this report. The signatures herein are required prior to continuing on to the next phase of the review process. If the results are not agreed upon, CUSTOMER has forty-five (45) days from the delivery date of this report to reply in writing to Honeywell International Inc., Energy Analysis, 4263 Monroe St., Toledo, OH 43606; otherwise, the cost avoidance results will be deemed accepted.

I,______________________________, have reviewed the contents of this review with the authorized representative(s) of Honeywell International Inc. on ________________. All information contained herein is clear in meaning to me and as such as a representative of CUSTOMER, I agree to take the following action with respect to this review:

☐ ACCEPT THE REVIEW AS PRESENTED AND REQUEST A CHECK FOR $15,807 FOR YEAR 1.

Deliver check to: ____

☐ ACCEPT THE REVIEW AS PRESENTED AND REQUEST SERVICES AND/OR MAINTENANCE CREDITS EQUAL TO $15,807.

Service address: ____

☐ DO NOT ACCEPT THE REVIEW AND REQUEST THE FOLLOWING ACTION(S) BE TAKEN AS INDICATED BELOW:

____

____

____

Received by:	Presented by:
______________________	______________________
Name (please print)	Name (please print)
______________________	______________________
Signature	Signature
______________________	______________________
Date	Date