

COST CENTER 4440 - Direct Benefit to Customer & Energy Savings - C/I Natural Gas Programs

Summary of 2011 C/I Budgets & Targets per [Initial 2010-2011 Biennial Filing](#)

Schedule Nos.	Program Name	Gas Tariff	
		Therm Savings	Budget
E250/G205	Commercial / Industrial Retrofit	510,000	\$ 3,000,000
E251/G251	Commercial/Industrial New Construction	150,000	\$ 1,020,000
E253/G208	Resource Conservation Manager	360,000	\$ 600,000
E260/G260	C/I Energy Efficiency Information	-	\$ 200,000
E262/G262	Commercial Rebates	1,480,000	\$ 493,333
Total, Com'l & Ind'l Programs		2,500,000	\$ 5,313,333

NATURAL GAS:

Original Filed Plan for 2011

Detailed Summary of 2011 Budget & Target Analysis - NATURAL GAS PROGRAMS

G205 Commercial / Industrial Retrofit

	therm Savings	Total Budget	Incentive Budget (\$/therm)
CI Retrofit - All Measures	498,000	\$ 22,000	
Building Energy Optimization	12,000	\$ 2,978,000	
Totals	510,000	\$ 3,000,000	

G251 Commercial / Industrial New Construction

	therm Savings	Total Budget	Incentive Budget (\$/therm)
	150,000	\$ 1,020,000	

G208 Resource Conservation Manager

	therm Savings	Total Budget	Incentive Budget (\$/therm)
	360,000	\$ 600,000	

E260 C/I Energy Efficiency Information

	therm Savings	Total Budget	Incentive Budget (\$/therm)
	0	\$ 200,000	-

E262 Commercial Rebates

	therm Savings	Total Budget	Incentive Budget (\$/therm)
	1,480,000	\$ 493,333	

2010 Program Performance

2010 Program Performance (Jan 1 - Aug 31 PAID MEAS)

	therm Savings	Incentive Payments	Incentive (\$/therm)
	487,279	\$ 2,110,802	4.33
	-	\$ -	
	487,279	\$ 2,110,802	

Projects Under Contract for 2011

2011 Projects in Progress (Signed & Unsigned)

	therm Savings	Incentive Payments	Incentive (\$/therm)
	458,614	\$ 2,074,175	4.5
	19,510	\$ 26,000	1.3

	therm Savings	Incentive Payments	Incentive (\$/therm)
	342,185	\$ 1,473,585	4.3

	therm Savings	Incentive Payments	Incentive (\$/therm)
	302,382	\$ 106,251	0.35

	1,540,621	\$ 350,135	0.2
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	therm Savings	Incentive Payments	Incentive (\$/therm)
	N/A	N/A	N/A

	therm Savings	Incentive Payments	Incentive (\$/therm)
	287,729	\$ 253,091	0.88

COMMERCIAL REBATE PROGRAM DETAILS:

Schedule Nos.	Program Name		Planning Notes	Savings	Incentives
G262	Commercial Kitchen Rebates	Byrtus	Based on current trends/participation rates.	100,000	\$ 314,000
E262	Comm Kitch Rebates - SPIF Deduct	Byrtus		-	\$ (6,280)
G262	Spray Heads	Byrtus	Additional rounds of sprayhead direct-installs are not scheduled for 2011 after completing high volume of a lower flow device in 2009 and early 2010.	-	\$ -
G262	HVAC Retrofit	Schmutzler	Limited incidental savings associated with HVAC retrofits for electric cooling energy savings.	250	\$ 3,000
G262	Premium HVAC Service	Schmutzler	Anticipate continued high participation rates.	100,000	\$ 127,000
G262	Programmable T-stats	Schmutzler	Programmable t'stats are required by code and are common practice with equipment replacements & upgrades; thus program is being discontinued.	-	\$ -
G262	Commercial Laundry	Uhl	Commercial laundry upgrades are being limited by state of the economy.	8,000	\$ 15,000
Commercial Rebate Program Totals:				208,250	\$ 452,720

2.0%

2011 BEM Portfolio

Energy Savings & Incentive Budgets

G205 Commercial / Industrial Retrofit

	therm Savings	Incentive (\$/therm)	Incentive Budget	Program Manager
CI Retrofit - All Measures	751,000	\$4.30	\$3,229,000	Mitchell
Building Energy Optimization	30,000	\$1.30	\$39,000	Townes
Totals	781,000		\$3,268,000	

General Comments
Main program drivers for 2011 are ARRA/OSPI funding resulting in large projects at government/institutional facilities. Based on existing projects in progress with anticipated completion in 2011.

G251 Commercial / Industrial New Construction

therm Savings	Incentive (\$/therm)	Incentive Budget	Program Manager
286,000	\$4.30	\$1,229,800	Lenssen

64 projects in the queue, with 7 projects totalling nearly 240,000 therms ranging from 9,000 to 116,000 therms (almost 85% of 2011 total for NC). These projects include hospitals/MOBs, high school, pool, industrial, commercial office buildings, and a large Jail. Based on observed trends, a significant quantity of measures will likely not be completed until 2012 resulting in a forecast < signed contracts.

G208 Resource Conservation Manager

therm Savings	Incentive (\$/therm)	Incentive Budget	Program Manager
1,400,000	\$0.20	\$280,000	Moen

Forecast includes closeout of all existing grant agreements and accounts for new grants "in the pipeline"; also assumes a large institutional customer's savings will be finalized and claimed in 2011.

E260 C/I Energy Efficiency Information

therm Savings	Incentive (\$/therm)	Incentive Budget	Program Manager
N/A	N/A	N/A	Kennedy

E262 Commercial Rebates

therm Savings	Incentive (\$/therm)	Incentive Budget	Program Manager
208,250	\$2.17	\$452,720	Dickson
2,675,250		\$5,230,520	

See Detailed Summary Below

Resource Conservation Manager
Schedule 208

	Order numbers	Cost Elements/CE Categories											Revenue	Total Program Budget
		Labor	Information Services Labor	Marketing Labor	Overhead	Marketing	Employee Expense	Outside Services	Materials	Miscellaneous	Direct Benefit to Customer			
RCM	18230691	\$ 168,589	\$ -	\$ 5,522	\$ 109,690	\$ 4,050	\$ 2,560	\$ 188,250	\$ 3,325	\$ 1,400	\$ 280,000	\$	\$ 763,386	
Conservation Incentives	\$ 280,000													
Labor (Incl Mgr, Dir, VP, and Budget & Admin Assessments)														
EES Staff, Maj Accts, CSY Support	\$ 168,589		2.02 Full Time Equivalent											
Information Services (Energy Advisors)	\$ -		0.00 Full Time Equivalent											
Marketing	\$ 5,522		0.09 Full Time Equivalent											
Employee Expenses														
Meals (Staff Mtgs, Contractor Trainings)	\$ 768													
Travel Expenses (Mileage, Airfare, Lodg)	\$ 1,229													
Training Expenses, Employee Members	\$ 307													
Other	\$ 256													
	\$ 2,560													
Miscellaneous Expenses	\$ 1,400													
Materials Expenses														
Materials - Direct Purchase	\$ 1,862													
Office Supplies/Svcs	\$ 100													
Other/Miscellaneous	\$ 1,363													
Total Materials Expenses	\$ 3,325													
Marketing Expenses	\$ 4,050													
Overhead	\$ 109,690													
Outside Services														
Bradson Technologies - CSY Support	\$ 9,250													
LPB Energy (Utility Mgr Software)	\$ 60,000													
Itron (Energy Interval Service)	\$ 57,000													
Cellnet (Meter Data Collection Fees)	\$ 38,000													
Software Development (RCM Software)	\$ 24,000													
Total Outside Services	\$ 188,250													
TOTAL PROGRAM EXPENSES	\$ 763,386													
Annual Energy Savings (therms)	1,400,000		therms											

*Direct benefits to customer also include RCM employee labor (3-for-free audits, etc.) and energy information via Itron, Utility Mgr Software, and database support from BEM employees.

