




Foodservice Energy Leadership Program

Housed and Supported by: 

Food Service Energy Leadership Program

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April 6, 2011



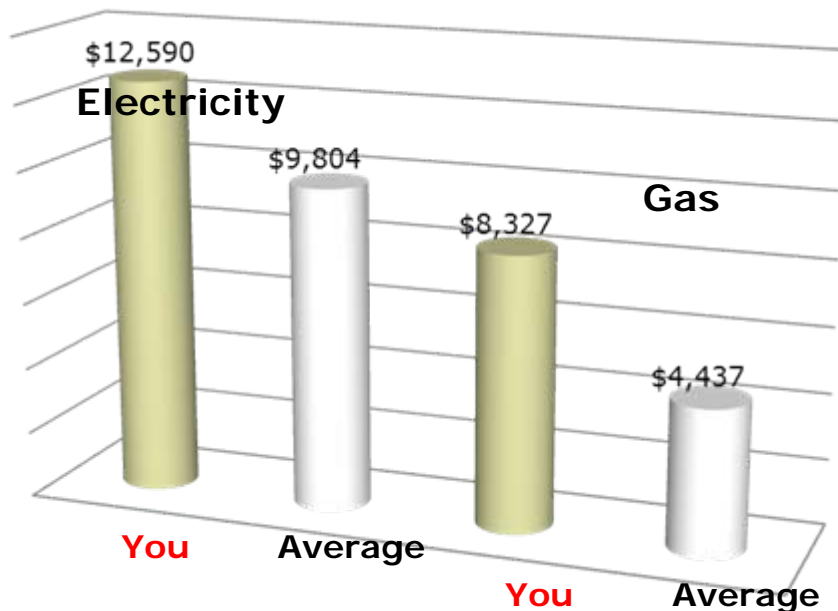
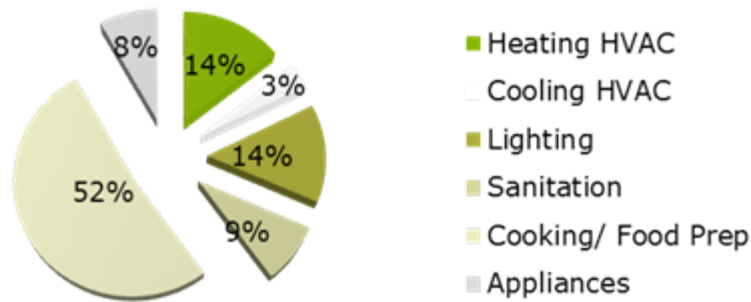
Food Service Energy Leadership Program

- ❑ Working with 50 businesses in MPLS and 20 in WBL.
- ❑ Energy conservation and efficiency focus
- ❑ Benchmarking and tracking energy savings resulting from actions for 3 years.
- ❑ Site visits to identify opportunities
- ❑ Economic analysis of savings potential.
- ❑ Employee training on energy efficiency.
- ❑ Assistance with Custom and Prescriptive Rebate applications to utilities.



The Service

Goal: 10-15% savings in first year

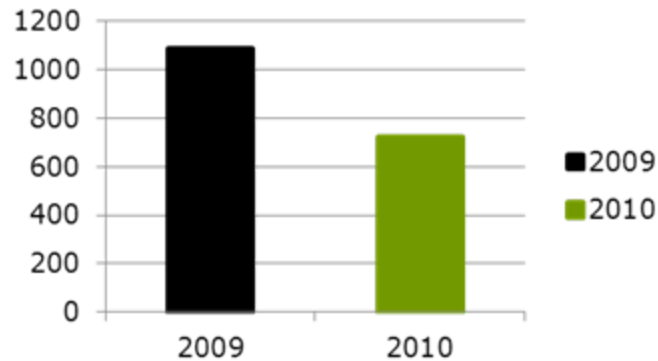


Action	Estimated Cost	Payback, yrs
Set thermostat to 78 for occupied cooling and 85 for unoccupied. Set thermostat to 70 for occupied heating and 62 for unoccupied. Install lock in covers for all 3 T-stats.	\$75	0.33
Weatherstrip exterior doors: both the one leading to the rear from the kitchen and from the storage space	\$75	1.00
Install faucet aerators	\$20	0.12
Insulate hot water lines	\$25	2.69
Replace damaged refrigerator door gaskets	\$100	3.41
Install door closers - repair or replace damaged door closers	\$150	2.05
Insulate refrigerant suction lines	\$50	0.67
Replace 5 Incandescent 60w bulbs with 13w CFL's	\$10	0.59

Low and No Cost Savings

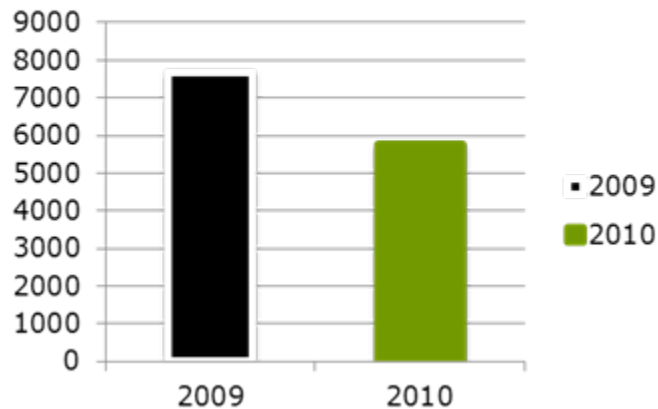
It all adds up

Gas:
24% saved

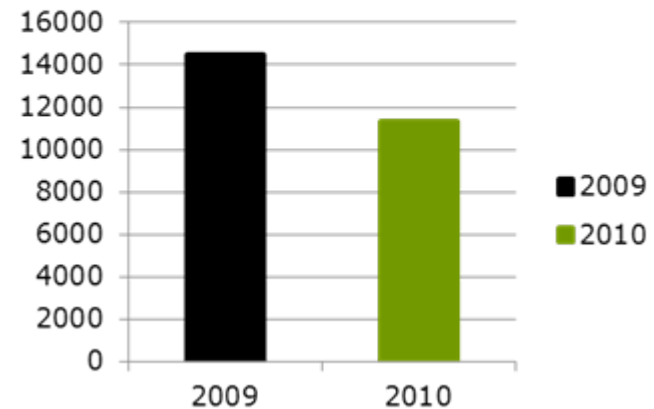


- *Saved \$450 in two months*

Water:
25% saved



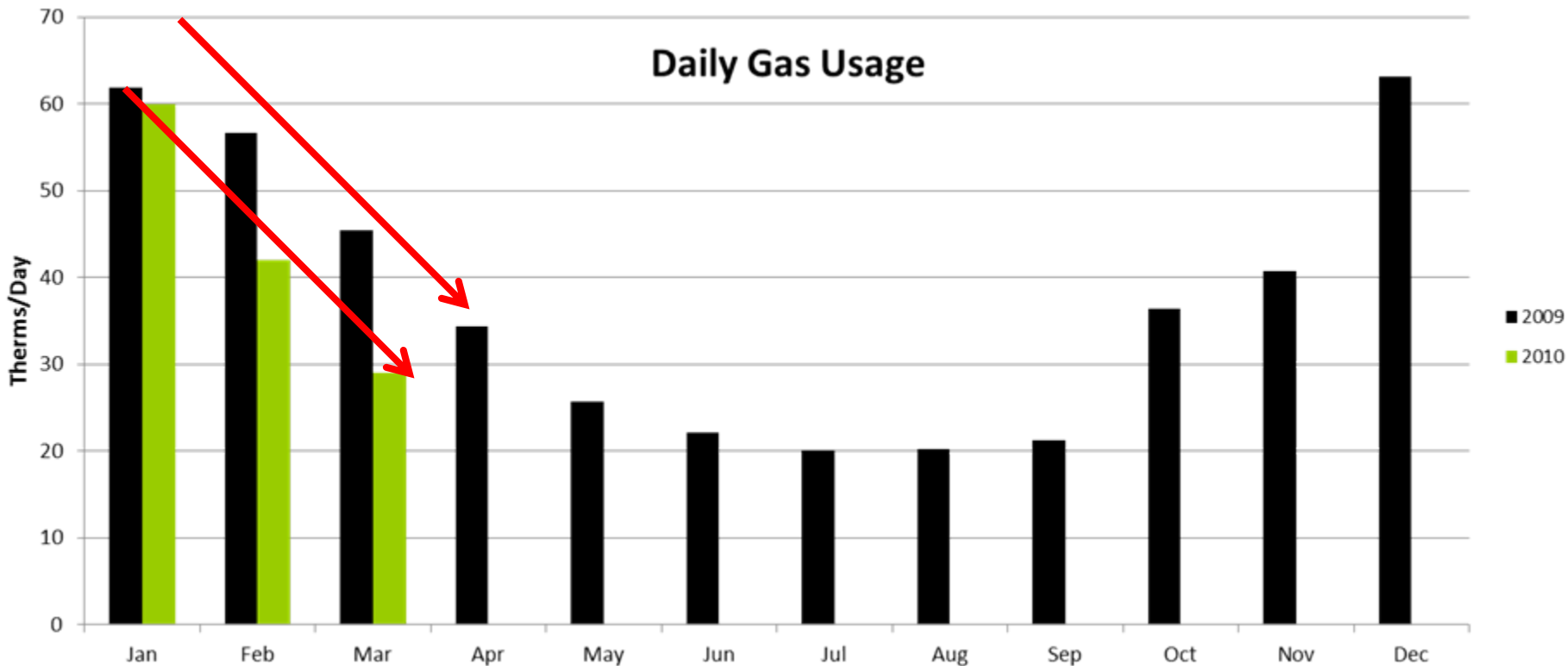
Electricity:
22% saved



Low and No Cost Savings

Behavior based

- Reducing the operating time of his exhaust hood resulted in 19% savings on heating costs or \$500* over 2/mo



Bigger Investments

- ❑ Demand based exhaust control (kitchen ventilation)
Cost \$10,000,
Savings:
38% on heat, and
27% on cooling
- ❑ Get help securing rebates and loans



Range of Solutions

Low Cost



50%
more water
efficient

Cost:
\$30

Mid Cost



7.5% more
electrical
efficient

Cost:
\$180

High Cost



40% more
electrical
efficient

Cost:
\$500+

To Qualify...

- ❑ Eligible: Independent food service (grocery, convenience and restaurants) businesses in Minneapolis
- ❑ \$200 program participation fee
- ❑ Willingness to actively collaborate with us to reduce your business' energy use and share results (3 hours per month)
- ❑ Contact:
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