

Smart Power AK

Update

March 3, 2010



2009-2010 Web Site and Social Media Plan

Consumers using power more efficiently

- Per-customer usage fell 3% (2006 to 2009)
- In 2009, residential kwh sales down almost 1% from 2008
- Trend should continue, in part through SmartPower initiatives

CFL Program

- Provide an incentive to buy CFLs - lower prices
- Provide education to members
- Allow recycling at headquarters building
- Increase number of CFLs in sockets by 70,000

CFL Program - Before and Since

from Ivan Moore surveys

	2008	2010
Available light sockets	2,350,600	2,599,000
% of sockets with CFLs	29.06%	33.06%
Increase in CFL usage		130,000

Building Energy Monitoring Research

- Dubbed “Watt Buster”
- Purpose: Research benefits and feasibility for customer on-site energy monitoring
- Funded in part by \$75k grant from Alaska Energy Authority
- Residential and commercial components
- Final report due October 29

Commercial Component

- 30 sites selected
- Extensive data collected
- Monitors deployed and in place for 7 days
- Report issued on each, with recommendations
- Test site completed

Residential Component

- Selected three systems

OpenPeak

EnergyHub

Tendril

- Only Tendril available now
- Will test and compare OpenPeak, EnergyHub in June

Tendrill Platform

Home Area Network = three devices and Web portal

- 300+ applications received
- 95 participants selected based on household type, sq. footage and heating type
- 50 installed as of COB Tuesday
- Baseline survey published



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Tendril Demonstration

- Insight display & Vantage portal

Today's usage (see spikes and dips based on activity)

Compare to similar households

Month to date estimate

Set point thermostat (25) - new level of control

Utility message capability

WATT BUSTER

Saving energy, one watt at a time.

If consumers can see how much electricity they're using and how much it costs at any given time, will they use less power? That's the question being tested by Chugach Electric and some of its members in Watt Buster, a research project using building energy monitors. Watt Buster is funded in part by a grant from the Alaska Energy Authority.

For more information go to www.smartpowerak.com

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The Last Word

From: Ellen Twiname [mailto:ellen@acsalaska.net]

Sent: Tuesday, March 02, 2010 8:15 AM

To: wattbuster

Subject:

Thank you! I love these little wattbuster things! This is awesome!

-- Ellen

