True Up 2012 Results

Conservation Advisory Council

November 28, 2012

Lakin Garth

lakin.garth@energytrust.org

(503) 445-2476

EnergyTrust of Oregon

Previously…

- Past True Ups were completed prior to the Annual Report to the OPUC.
- Therefore, the Annual Report results were "Trued Up."
- For example, the 2011 True Up took place in March of 2011 and the results were reported in the 2011 Annual Report.

However, True Up 2012 was implemented in August.

So, deviations in savings reported herein are relative to those represented in the 2011 Annual Report to the OPUC.

This change in process allows for better integration of evaluation results into the budget planning process, the inclusion of NEEA's annual savings, and additional time to QC database entries.

EnergyTrust of Oregon

True Up 2012

Background:

True Up changes past reportable savings based upon:

1. Evaluation Results
2. “Anticipated” Evaluation Results
3. New Data on Measure Performance
4. Corrections to transactional errors in Energy Trust’s database

Other Caveats:

- NW Natural’s Washington service territory is unaffected by True Up
- Generally, Renewable Generation is unaffected by True Up

EnergyTrust of Oregon

Summary of Impacts

2002 – 2011

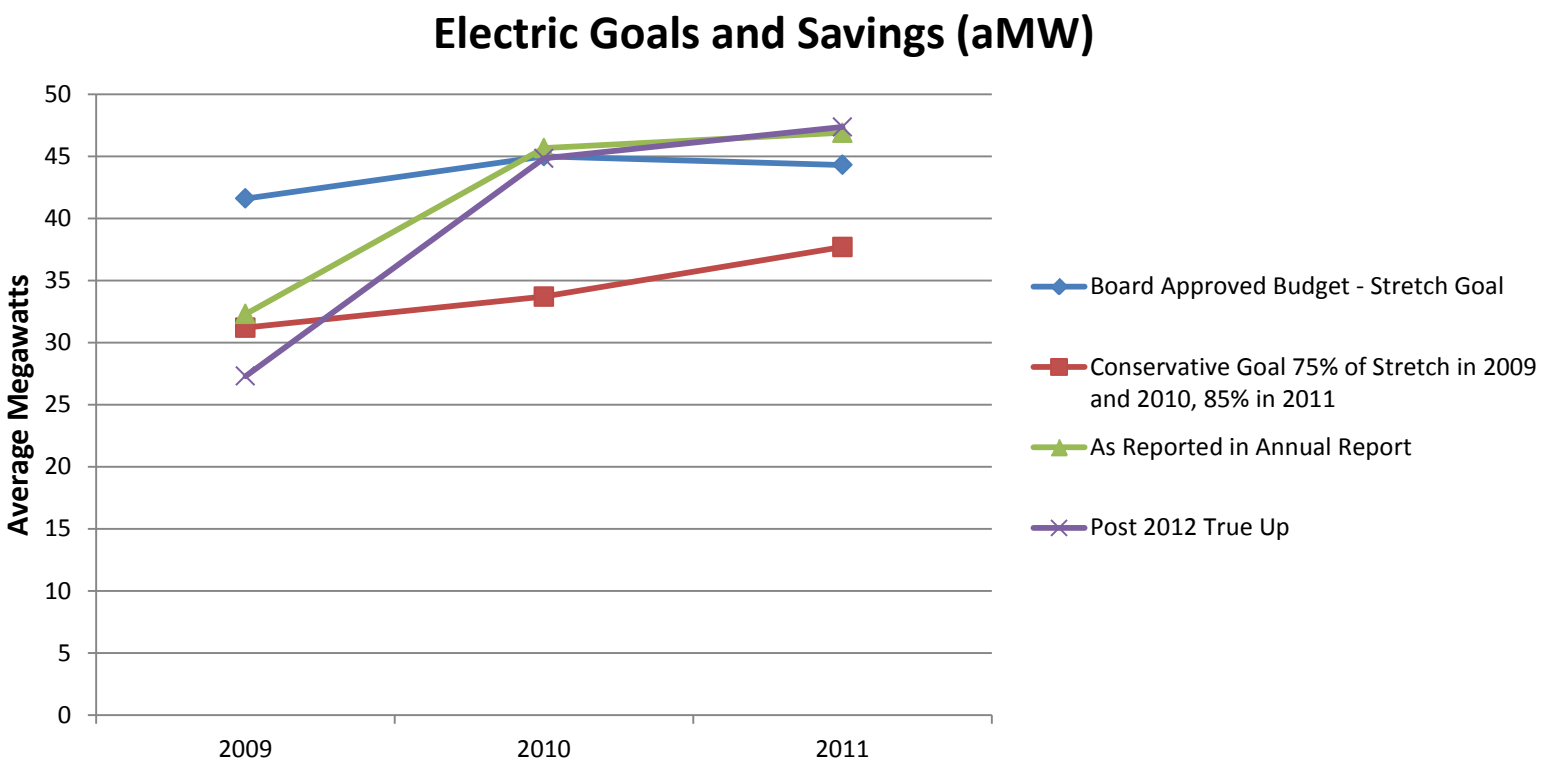
- Electric savings: decreased 2.1% (6.4 aMW) to 294.8 aMW
- Gas savings: decreased 3.9% (0.9 million therms) to 23.2 million therms

2011

- Electric savings: increased 1% (0.5 aMW) to 47.4 aMW
- Gas savings: decreased 10.6% (0.6 million therms) to 4.8 million therms

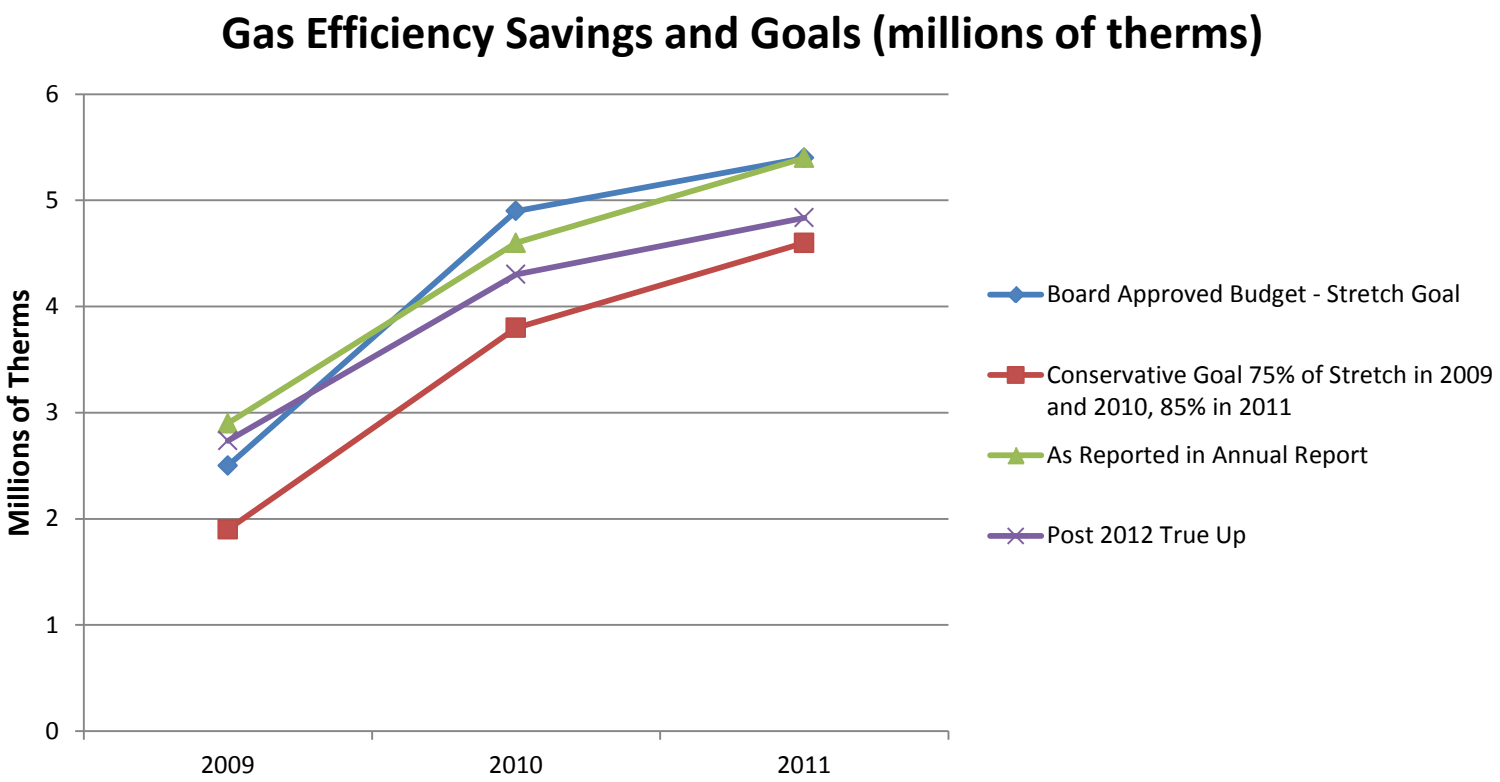
EnergyTrust of Oregon

Electric Efficiency Goals & Reportable Savings



EnergyTrust of Oregon

Gas Efficiency Goals and Reportable Savings



EnergyTrust of Oregon

Underlying Factors – Electric

The largest drivers of savings changes are:

- Decreased savings estimates from CFLs in the residential sector (single family and multi-family) from 2003 to 2011 (- 10.53 aMW)
- Improved savings from NEEA for 2010 and 2011 (+ 4.63 aMW)
- Existing Buildings: 2009 impact evaluation, updated free ridership rates (+ 1.04 aMW)
- New Buildings: improved realization rate in the NBE 2009 Impact Evaluation (+ 0.55 aMW)
- Corrections to free ridership estimates for the Production Efficiency program in 2008 and 2009 (- 1.26 aMW)
- Lower savings from the 2011 Personal Energy Reports pilot (- 0.42 aMW)

EnergyTrust of Oregon

Underlying Factors – Gas

The largest drivers of savings changes are:

- Lower gas weatherization savings resulting from the 2009 impact analysis for existing homes (- 500k therms)
- Changes to free ridership and installation rates of Energy Saver Kits and Living Wise Kits for the Existing Homes program (- 166k therms)
- Lower savings from the 2011 Personal Energy Reports pilot (- 184k therms)
- Lower New Homes Gas Market Transformation Savings (- 168k therms)
- Changes to C&I programs' gas savings were minor (47k therms)

EnergyTrust of Oregon

The Report

Located on Energy Trust's website:

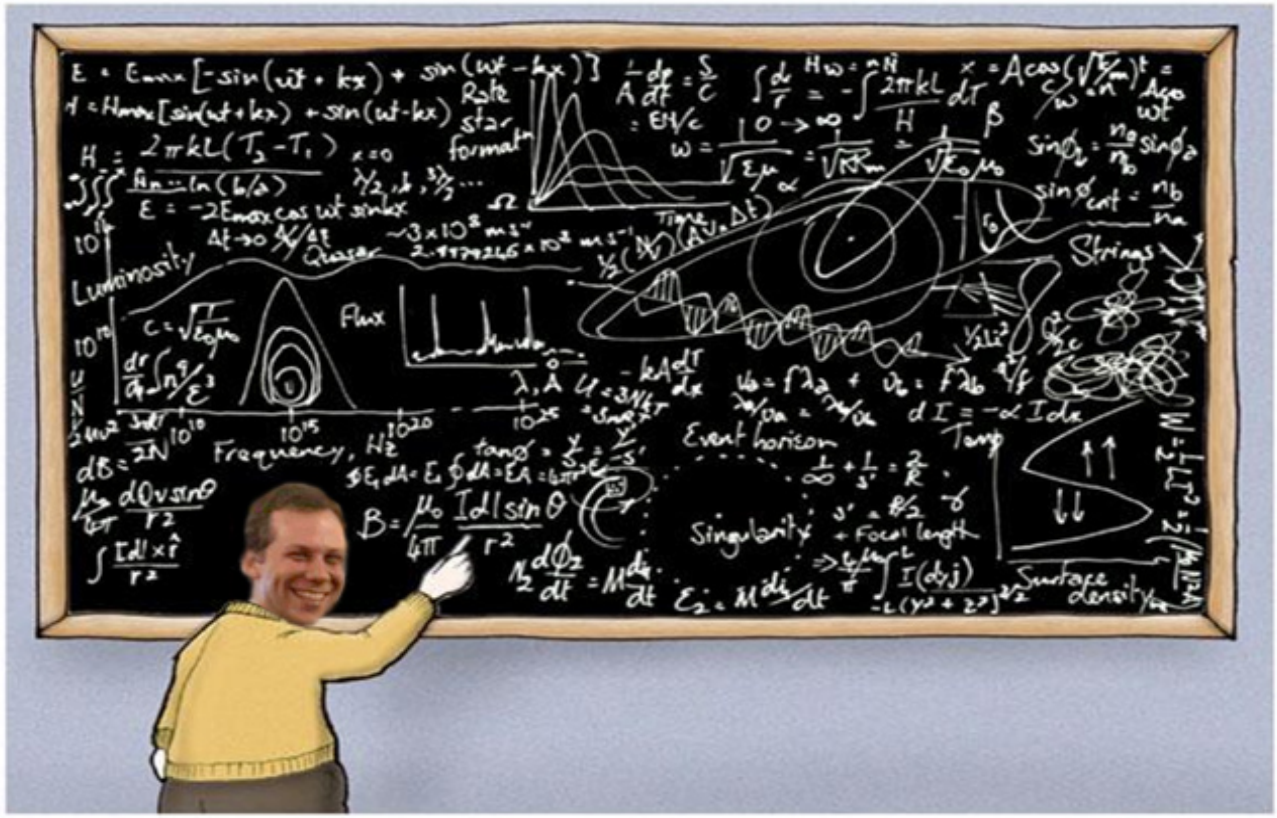
http://energytrust.org/library/reports/TrueUp_2012_Report.pdf

Please note:

- the report includes many more details including
- Savings for each utility for each year (2002 - 2011.)

EnergyTrust of Oregon

Questions?


Luminosity
Flux
Frequency, Hz
Quasar
Strings
Event horizon
Singularity
Surface density