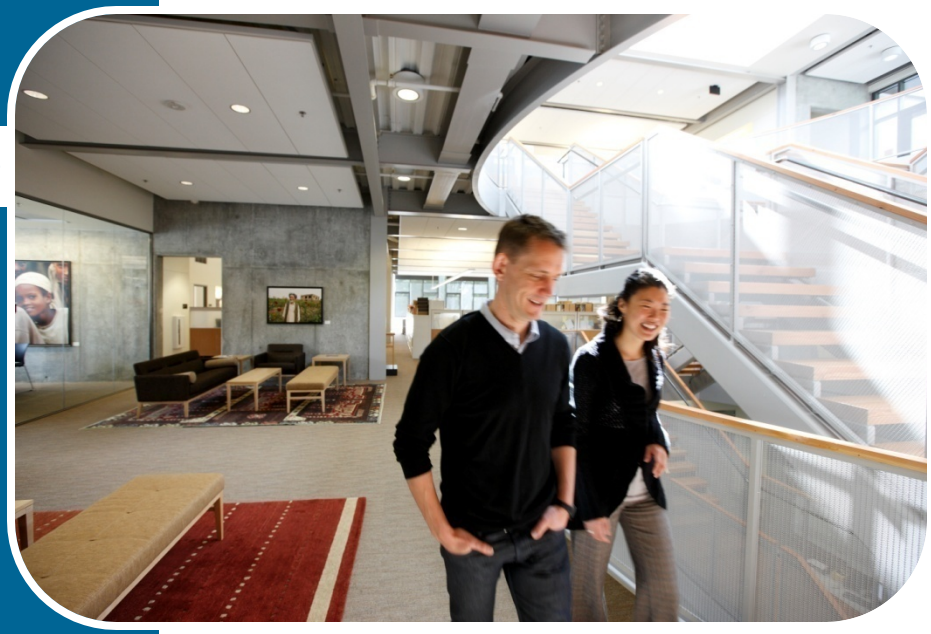

Draft 2014 Budget & Action Plan: Round 2

Presented to Conservation Advisory Council

November 20, 2013

EnergyTrust of Oregon

Recap
Round 1 Draft
2014 Budget and Goals

2014 R1 Draft Budget & Savings

	Electric (kWh)	Gas (therms)	$ Budget	Value (levelized cost)
PGE	331,414,732		$ 84,292,693	$ 0.029
PacificPower	176,612,590		$ 49,237,851	$ 0.032
NWN Gas		4,105,319	$ 21,170,996	$ 0.421
NWN - Industrial DSM		1,207,434	$ 3,511,935	$ 0.294
Cascade		531,917	$ 2,546,636	$ 0.430
NWN Washington		256,684	$ 1,559,485	$ 0.418
Total	508,027,322	6,101,354	$162,319,596	

2014 Plans

Supporting the Draft Budget and Goals

New Homes & Products Program 2014

- Capture 20.5 percent of new construction market by completing 1,750 EPS new home projects
- Air sealing pilot and ventilation research
- Automate EPS generation
- Refrigerator Recycling (two tiers)
- Lighting (LEDs, specialty & standard CFLs)
- Clothes washers, refrigerators & freezers
- Leverage NEEA & WRUN and explore new mid stream and upstream models
- Instant rebates and on-line rebates

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Existing Homes Program 2014

- Prescriptive measures
  - Hot water (Energy Star gas; electric heat pump water heater)
  - Ductless & air source heat pumps
  - Gas hearths, boilers, inserts & furnaces (SWR)
  - Insulation (floor, attic, wall)
  - Windows
- Home Performance (EPS & CEW)
- Energy Saver Kits (Build your own kit w/ schools)
- Expanded delivery paths for EPS (HB 2801)
- Savings Within Reach (Loan product introduction)
- Lending & Real Estate ally focus

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Commercial Sector 2014 Plan

Existing Buildings

- Expanded Presence
- Comprehensive solutions
- Street lighting
- Support Cool Schools
- Direct install strategies
- Building the Business Case

Multifamily

- Comprehensive support
- MPower
- Expand mid-stream offerings

Commercial Sector 2014 Plan

New Buildings

- Market Solutions
- Dedicated regional account management approach
- Net Zero Support
- Financial Resources
- 2014 Code Support

Commercial Sector 2014 Plan

Other Sector Efforts

- Launch a Pay-for-Performance pilot
- Expand Strategic Energy Management
- Engage Lending Allies
- Enhanced marketing strategies

Industry & Ag Sector 2014 Plan

Production Efficiency

Program delivery, technical services, and cash incentives provide savings from:

- Custom Track
  - Custom projects: capital and O&M
  - Strategic Energy Management
- Streamlined/ Trade Ally Tracks
  - Lighting Trade Ally Network
  - Streamlined Industrial and Agricultural Initiative

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Industry & Ag Sector 2014 Plan

- Delivery expansion
  - Provide custom PDC services to smaller industries
  - Leverage custom PDCs as sales force to drive Streamlined/ Trade Ally projects
- Incentives
  - Increase custom lighting incentive
  - Consider non-lighting custom bonus in Q1 2014
- SEM development
  - Complete CORE pilot for small industrial SEM
  - Standardize next phase SEM solution

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Round 2

Proposed Changes to Draft Goals

Proposed Goal Changes Summary

- Small
  - Minor reduction of savings estimates for residential lighting, aerators and showerheads
  - Delay of Aclara behavioral pilot with PGE
  - Removing two measures at this time
    - Early-retirement of furnaces until the measure is analyzed
    - High-efficient dryers after poor results from NEEA field test
- Larger
  - Increase in the forecast of new homes (most in NWN)
  - Cascade: Reduction in near-term industrial potential
    More realistic growth assumptions for hearths
- Net Change
  - Pacific: - 0.4%
  - PGE: - 0.6%
  - NNW
    - OR: + 0.4%
    - WA: 0%
  - Cascade: - 11.5%

Proposed Program Goal Changes

- Existing Homes
  - Removal of early-retirement furnaces until the measure is analyzed
  - Lower growth of hearths to a more realistic level in CNG
  - Slight downward correction for lighting and for water saving devices
  - Net change: small reductions in Pacific, PGE and NWN; larger reduction in Cascade
- New Homes
  - Increase in the forecast of new homes by about 35%
  - Slight downward correction for lighting and water saving devices
  - Net change: increases for Gas and slight decreases for Electric
- Production Efficiency
  - Significant re-basing of near-term market potential in CNG
    - Reduce program goal by 57%
- Following tables detail utility-specific changes

Utility-Specific Changes to Draft Goals

Anticipated Changes to Savings

Cascade Natural Gas	2014 Round One Savings (Therms)	Proposed Changes Round 2	2014 Final Draft Savings (Therms)
Existing Buildings	236,616	-	236,616
Production Efficiency	106,420	(61,420)	45,000
Existing Homes	48,413	(6,514)	41,899
New Homes and Products	83,987	6,578	90,565
New Buildings	56,482	-	56,482
TOTAL PROGRAMS	**531,917**	**(61,356)**	**470,561**

Anticipated Changes to Savings

Northwest Natural Gas	2014 Round One Savings (Therms)	Proposed Changes Round 2	2014 Final Draft Savings (Therms)
Existing Buildings	1,246,403	-	1,246,403
Production Efficiency	328,500	-	328,500
Existing Homes	1,208,808	(27,000)	1,181,808
New Homes and Products	902,937	45,734	948,671
New Buildings	418,670	-	418,670
TOTAL PROGRAMS	**4,105,319**	**18,734**	**4,124,053**

Anticipated Changes to Savings

Northwest Natural DSM	2014 Round One Savings (Therms)	Proposed Changes Round 2	2014 Final Draft Savings (Therms)
Existing Buildings	298,959	-	298,959
Production Efficiency	822,920	-	822,920
Existing Homes			
New Homes and Products			
New Buildings	85,555	-	85,555
TOTAL PROGRAMS	**1,207,434**	-	**1,207,434**

Anticipated Changes to Savings

Northwest Natural Gas Washington	2014 Round One Savings (Therms)	Proposed Changes Round 2	2014 Final Draft Savings (Therms)
Existing Buildings	150,000	-	150,000
Production Efficiency			
Existing Homes	54,035	-	54,035
New Homes and Products	52,649	-	52,649
New Buildings			
TOTAL PROGRAMS	**256,684**	-	**256,684**

Anticipated Changes to Savings

PGE Electric Savings	2014 Round One Savings (aMW)	Proposed Changes Round 2	2014 Final Draft Savings (aMW)
Existing Buildings	11.01	-	11.01
Production Efficiency	11.62	-	11.62
Existing Homes	3.15	(0.18)	2.97
New Homes and Products	4.87	(0.03)	4.84
New Buildings	3.63	-	3.63
NEEA	3.55	-	3.55
TOTAL PROGRAMS	**37.83**	**(0.21)**	**37.62**

Anticipated Changes to Savings

PAC Electric Savings	2014 Round One Savings (aMW)	Proposed Changes Round 2	2014 Final Draft Savings (aMW)
Existing Buildings	4.91	-	4.91
Production Efficiency	5.85	-	5.85
Existing Homes	2.24	-	2.24
New Homes and Products	3.25	(0.003)	3.25
New Buildings	1.45	(0.08)	1.37
NEEA	2.46		2.46
TOTAL PROGRAMS	**20.16**	**(0.08)**	**20.08**