Program Updates

Energy Trust of Oregon RAC

July 21, 2010

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2010 Renewable Energy Sector Goals

Two Types of Goals

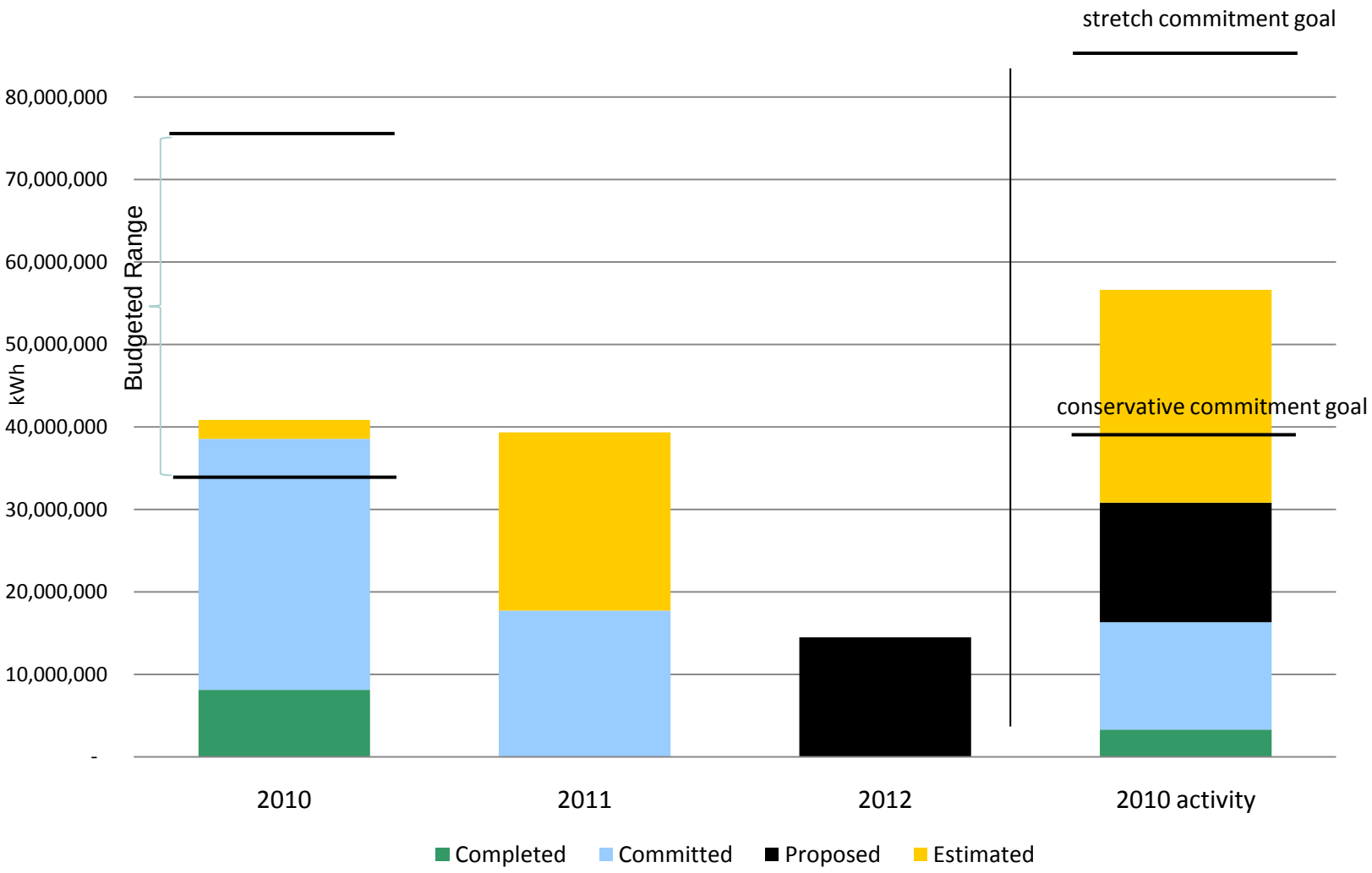
1. Generation installed within 2010
   - OPUC minimum performance standard for RE, 3 yr rolling average of 3aMW
   - Our budgeted estimate for 2010 installed generation exceeded this minimum goal.
     - PGE: 2.8-5.8 aMW, $23.3M, PAC:1.3-2.9 aMW, $11.1M
     - Total: 4.1-8.7 aMW, $34.4M

2. Commitments generated within 2010
   - Project incentives committed within the year
   - Project either expected to complete in 2010 or later years
     - PGE:2.8-6.0 aMW, $21.7M, PAC:1.7-3.7aMW, $12.5M
     - Total: 4.5-9.7 aMW, $34.2M

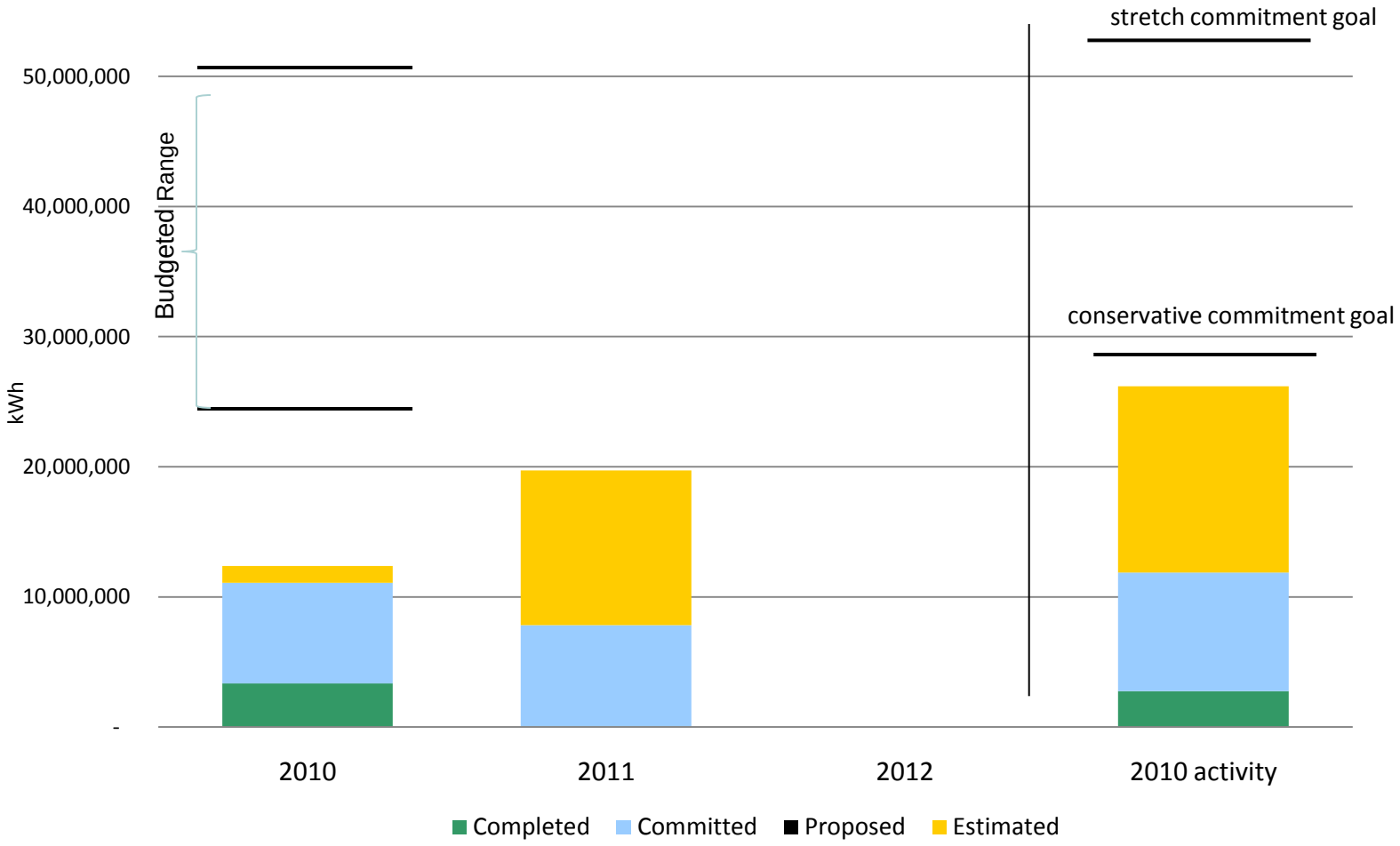
2010 Installed generation through 7-15-10

	Projects *installed* in 2010	
Renewable Energy	**PGE**	**PAC**
2010 Achievement to Date (kWh)	3,347,745	4,765,595
To date % of min PUC goal	31% of 3aMW	
Expected % goal	41% of 3aMW	
Through **May** % of budget $spent	17%	17%

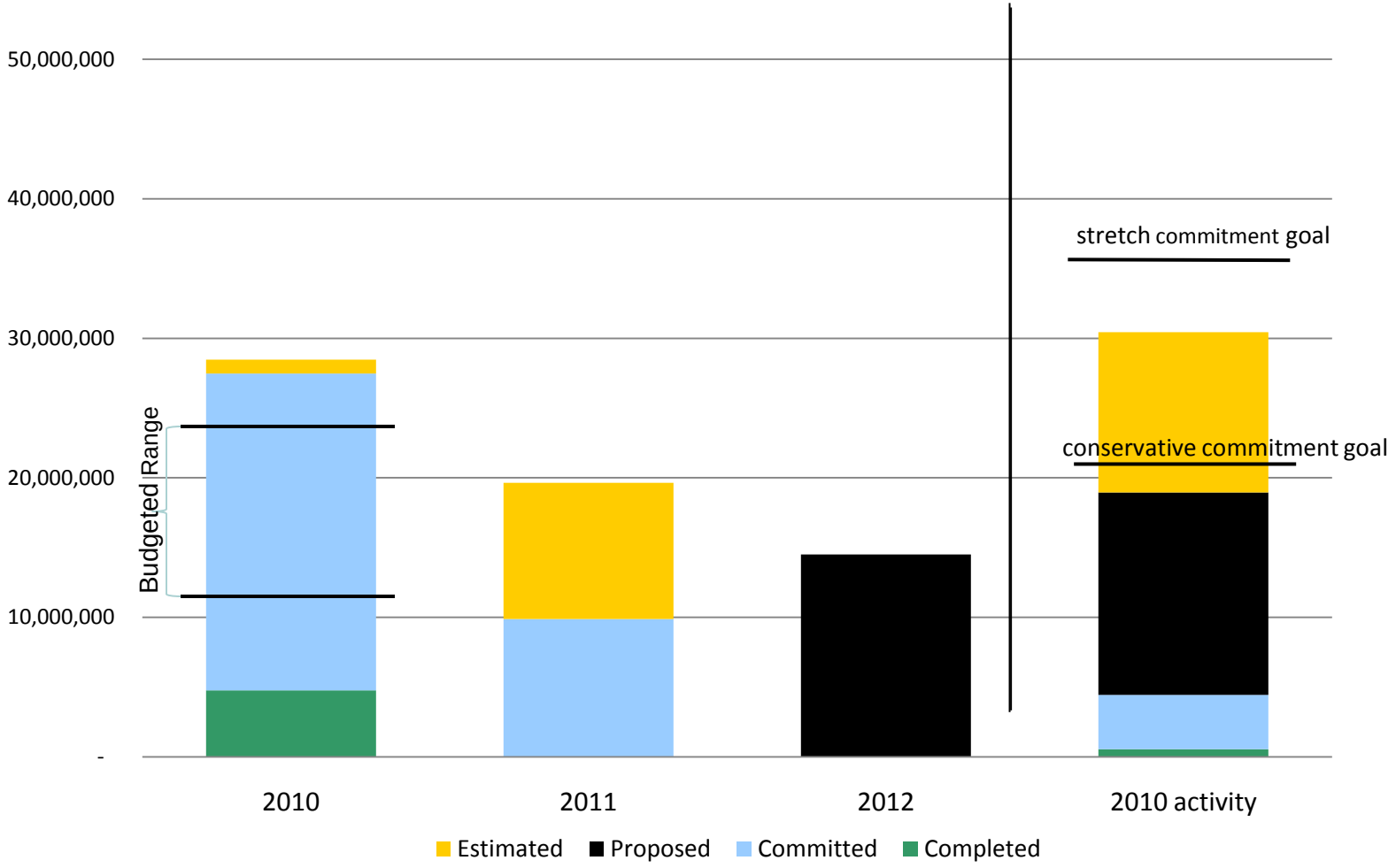
2010 Pipeline of Generation- Total



2010 Pipeline of Generation - PGE



2010 Pipeline of Generation - Pacific Power



Biopower Updates Q1-Q2, 2010

- Received Board authorization for funding 795 KW dairy digester project ($1.6 million)
- Received Initial Application for 20 MW woody biomass project
- Expect project applications for two wastewater treatment plants in 4th Qtr
- Funding Energy Management Training program for WWTP (13 participating treatment plants)
- Launched Oregon Biogas Industry Initiative

Wind Updates Q1-Q2, 2010

- Committed a $230k project incentive to a 250 kW system at the worlds largest grass seed farm
- Committed funds to 14 <50kW systems (7 commercial and 7 residential)
- 4 < 50kW systems installed (2 commercial and 2 residential)
- Assisted 4 projects in writing successful grant applications for USDA REAP
- Held 5 small wind workshops targeted to landowners identified to have an adequate wind resource
- With NW SEED, held one full day Wind Power for Rural Landowners workshop
- Provided funds for a 60m meteorological tower installed in Lake County
- For community wind, completed a fatal flaw study for a project in Hood River county and an economic feasibility study for a project in Sherman County

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Hydro Updates Q1-Q2, 2010

- Evaluated the 45 Mile Irrigation Hydro project.
- Completed 750 kW Swalley Irrigation District project. Paid $916,000 incentive.
- Evaluated applications and made incentive offers for two micro-hydro projects (Spaur Ranch 11kW, City of Portland 25kW PRV replacement).
- Committed feasibility study funds for one irrigation hydro capacity expansion, an evaluation of PRV sites, and an evaluation of the generation capability of aquifer storage and recovery sites.
- Initiated a large-scale study of irrigation hydro systems in Oregon to build a pipeline of future projects.
- Co-authored a paper on the challenges of the FERC permitting process for the 2010 Hydrovision conference.

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Swalley Ribbon-cutting

Swalley Ribbon-cutting

Solar Updates Q1-Q2, 2010

- Paid 379 PV installations, more than 3x the number in Q1-Q2 2009.
- Completed 560 residential Solar Energy Reviews.
- Launched Columbia Sportswear employee challenge.
- Completed first Solarize effort. 6 new community efforts underway.
- Granted PV system to IBEW training center in Coos Bay.
- Seeing effects of BETC changes, anticipating RETC effect.
- Utility production-based incentives sold out first capacity allocation.
- Paid $2.33MM for phase 2 (2.4 MW) of the ProLogis project.

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Coos Bay goes solar

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IBEW grand opening

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Geothermal Updates Q1-Q2, 2010

- Paid our first incentive ($487,000) to a geothermal project. The 280 kW project at OIT was completed in the spring.

- Maintaining contact with OIT regarding a second larger project expected within the next two years.

- Committed $15,000 to the city of Klamath Falls for a feasibility study examining a proposal to generate electricity from an existing well.

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