

Hawaii EEPS Impacts and PBF Budget



- HECO Programs closeout 2008
- PY09: SAIC/Beck/Leidos Sign contract in Mar 2009
- PY10: Develop a TRM and review by a third party M&V team
- PY10: ARRA and SEP funding
- PY10: EEPS put in motion
- PY11: PBF Budget increases from 1% to 1.5%
- PY11/12: Renewal Guidelines add MT, Training and Educ., increase TRB goal
- PY12: Potential Study and Baseline Study starts
- PY13: First EEPS Legislative Report filed
- PY13: Renewal Guidelines provided at 3 year extension, change NTG
- PY14: GEMS Legislation, Act 211 Signed by Gov Abercrombie
- PY14: Renewal Guidelines include benchmarking, codes, DR pilots
- PY15: Renewal Guidelines: shift DR to renew integ, increase MT, cross subsidies
- PY16-18: RFP with 30% budget reduction
- PY18: CLE Study identifies potential less accomplishments

HECO Programs closeout 2008

HECO ran programs through Dec 2008.

Similar in size both budget and impacts, however, about 80-90% lighting.

Res sector was 90% CFL's.

Budget also included DR/Load mgmt., committed savings for solar.

PY09: Leidos Sign contract in Mar 2009

Bids received in December of 2008, negotiation in January.

SAIC/Beck/Leidos signed contract in Mar 2009, started PY09 on July1.

First year programs same as HECO programs, hire and train staff, develop brand and review portfolio.

Develop monthly and annual reporting reqts, and first TRM end of 09

PY10: Develop TRM and M&V

Got first year savings claim

Switched from HECO in house review every three years to annual review by third party (Eco Northwest).

End of year TRM review -cut savings in half for CFL's.

Switch to using universal TRM values and methodology similar to other jurisdictions.

PY10: ARRA and SEP funding -

Federal money secured by DBEDT and administered by Hawaii Energy

Signed in May of 2010, provides \$6M used for;

- estar appliances

- solar water heating loans and incentives

- Behavioral O-power pilot.

PY10: EEPS put in motion:

Gov Lingle signed Act 155 in June 2009.

March 2010 PUC opens docket.

Schedules technical session, issues Framework, runs stakeholder workshops.

Issues order end of 2011.

Lays out reporting and savings goals, procedures and definitions/responsibilities.

PY11: PBF Budget increases from 1% to 1.5%

Dec of 2010, PUC orders increase.

Original legislation proposed 1% of each HECO revenues in years one and two; 1.5% in years three and four; and 2% thereafter.

Further increase requests for PY13 or beyond denied.

PY11/12: Renewal Guidelines add MT, Training and Educ., increase TRB goal

Increase budget from 1% to 1.5% (Feb 1).

Introduce Mkt Trans/Training and Education programs.

Require more equity within rate class for renters, and hard to reach.

Increase in long term measures, decrease in CFL's – increase TRB goals from 30% to 40%. Based on M&V studies and Commissioners concurrence.

PY12: Potential Study and Baseline Study starts

Baseline study started Jan 2013

Potential study started early 2013

Final report completed Jan 2014,

PY13: First EEPS Legislative report filed

Filed Dec 2013 for 2014 session

Forecast first period through 2015 to be on track and under budget.

Potential study confirms goals are realistic,

Provides methodology shown in this graph. (low and high confidence)

PY13: Renewal Guidelines provided at 3-year extension, change NTG

PBF granted 3 year extension.

Provided budget, and specified admin/incentive allocations.

Program specific NTG from Evergreen, provided minimum kwh and kw goals. Revise island equity to meet or exceed.

PY14: GEMS Legislation, Act 211 Signed by Governor

Act 211 signed in June 2013 by Gov. Abercrombie.

Provides for GEMS funding from the PBF and

Specifies PBF include DR and renewable integration programs or RPS support

PY14: Renewal Guidelines include benchmarking, codes, DR pilots

New requirements/milestones

Benchmarking/Codes and Standards (per potential study and M&V).

DR pilots programs for overlapping measures

SmartGrid support and

Electric Vehicle role

Allow for some long-range projects to overlap contract period.

Coordinate with KIUC

PY15: Renewal Guidelines: shift DR to renew integ, increase MT, cross subsidies

no expansion of DR pilots, focus on renewable integration.

Increase brand awareness, marketing budget

Flexibility in spending across customer class + or - 10%.

Update avoided costs.

Increase MT budget slightly from 10% of incentive budget to 15%

DSM Auction Program

Further reductions in CFL and elimination of CFL's from bus portfolio.

Provide budget and target goals.

PY16-18: RFP with 30% budget reduction

Goals status quo with sharp budget reductions, CSE low relative to mainland but cuts in MT, training, C&S and DR, renewable integration. Staffing cuts.

PY18: M&V Longitudinal Study identifies potential less accomplishments

Study starts with potential study end uses, subtracts PBF savings and C&S savings and identifies all areas with remaining potential from a PBF and an EEPS perspective.