HEPF General Membership Meeting
Challenges and Next Steps to Meeting EEPS

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Cost-Effective Energy Savings

- **856 GWh** reduction in energy use
- **$807 million** Total Resource Benefit
- **$2.5 billion** in lifetime customer bill savings
- **$.02/kWh** lifetime cost of saved energy

### Annual electrical energy last year

- **8,957 GWh**

### Total kWh Savings achieved by Hawaii Energy

- **3,019 GWh**

### Cumulative kWh savings achieved by Hawaii Energy PY14

- **856 GWh**

### Est. Annual PV Generation

- **613 GWh**

(389 MW PV installed as of 2014)
Comparison of Electrical Energy Sales Reduction Sources

EEPS / HCEI 1.0 / IRP3 Electrical Usage
Baseline Forecast

GDP Predicted Sales

1,481 GWh/yr. - Unclaimed DSM, Market Driven Efficiency and other factors

1,272 GWh/yr. - Est. Cumulative DSM Impact

613 GWh/yr. - Est. Rooftop PV

Actual Electricity Sales

4,300 GWh EEPS Goal
Hawaii Energy 2.0

- Streamlining Processes
- Maximizing Collaborative Approaches
- Growing Support for Energy Codes
Summary & Challenges

• Continue to maximize energy savings and market transformation

• Focus on customer equity across rate class and geography

• Valuing energy efficiency as a grid resource in the State’s energy portfolio