
EEPS TECHNICAL WORKING GROUP

Thursday, June 18, 2026
10:45 am HST to 12:00 pm HST

Hawai'i Energy offices at 45 N. King Street, Suite 500, Honolulu (with virtual option via Teams)

REMINDERS

- Remote participants, please mute your lines when you aren't speaking – we'd like to keep the lines open so you can easily join the conversation
 - You may also use the “raise hand” or chat functions
- Please identify yourself and your organization when speaking
- We encourage participants to ask questions and contribute their constructive comments
 - Your silence during a discussion implies that you agree

COMMISSION WELCOME

AGENDA & INTRODUCTIONS

JENNIFER BARNES

ENERGY EFFICIENCY MANAGER TEAM

AGENDA

- 10:45 Agenda & Introductions
- 10:55 Annual EEPS Progress Reporting
- 11:15 EEPS Framework Update
- 11:45 MPS Status Update
- 11:55 Next Steps
- 12:00 Adjourn



INTRODUCTIONS BY ORGANIZATION

MEETING RECAP

PRESENTER NAME

PRESENTER ORGANIZATION

FEBRUARY MEETING RECAP

EEPS Annual Tracking

- EEM gave a progress report on the annual EEPS tracking
- Will present findings today

EEPS Framework

- Discussed the implications of EEPS extension on schedule of EEPS reporting beyond 2030
- TWG to discuss strategies to meet EEPS today & identify any changes

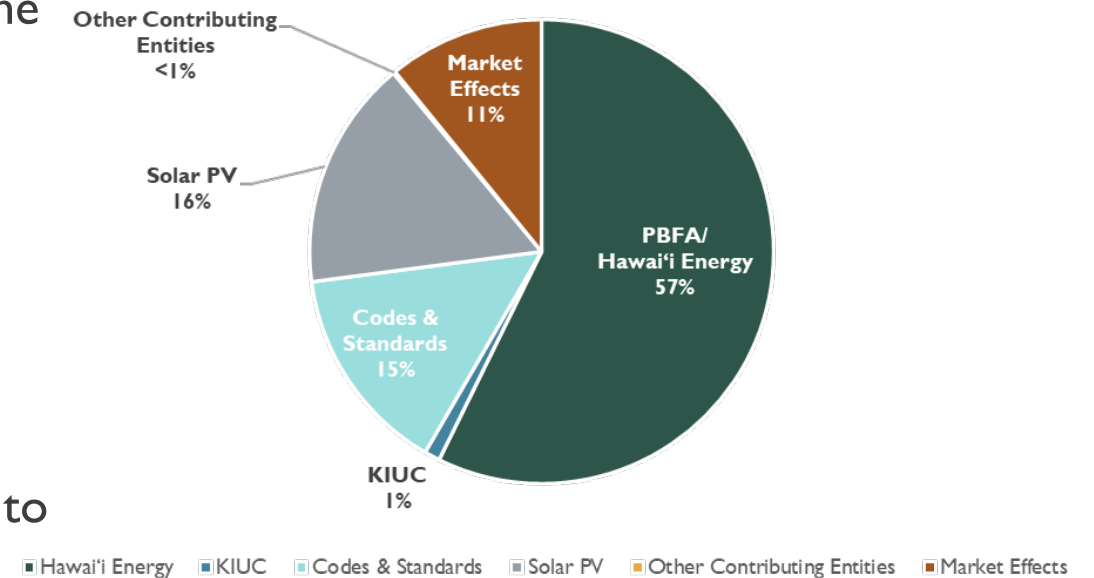
ANNUAL EEPS PROGRESS REPORTING UPDATE

JENNIFER BARNES
ENERGY EFFICIENCY MANAGER TEAM

TODAY'S PURPOSE

- Report out on the first Annual EEPS Tracking Update
- The EEM has estimated the progress towards EEPS for the following subset of EEPS entities/categories:
 - PBFA/Hawai'i Energy
 - KIUC
 - Codes & Standards (pulled from MPS)
 - Market Effects (pulled from MPS)
- Savings from Other Contributing Entities not included in annual updates but will be added when the EEPS Report to Legislature is prepared every 5 years
- Tracker values will be considered approximate or draft

Contribution to EEPS by Entity (2009-2020, first-year kWh)



EEPS ANNUAL UPDATE SUMMARY

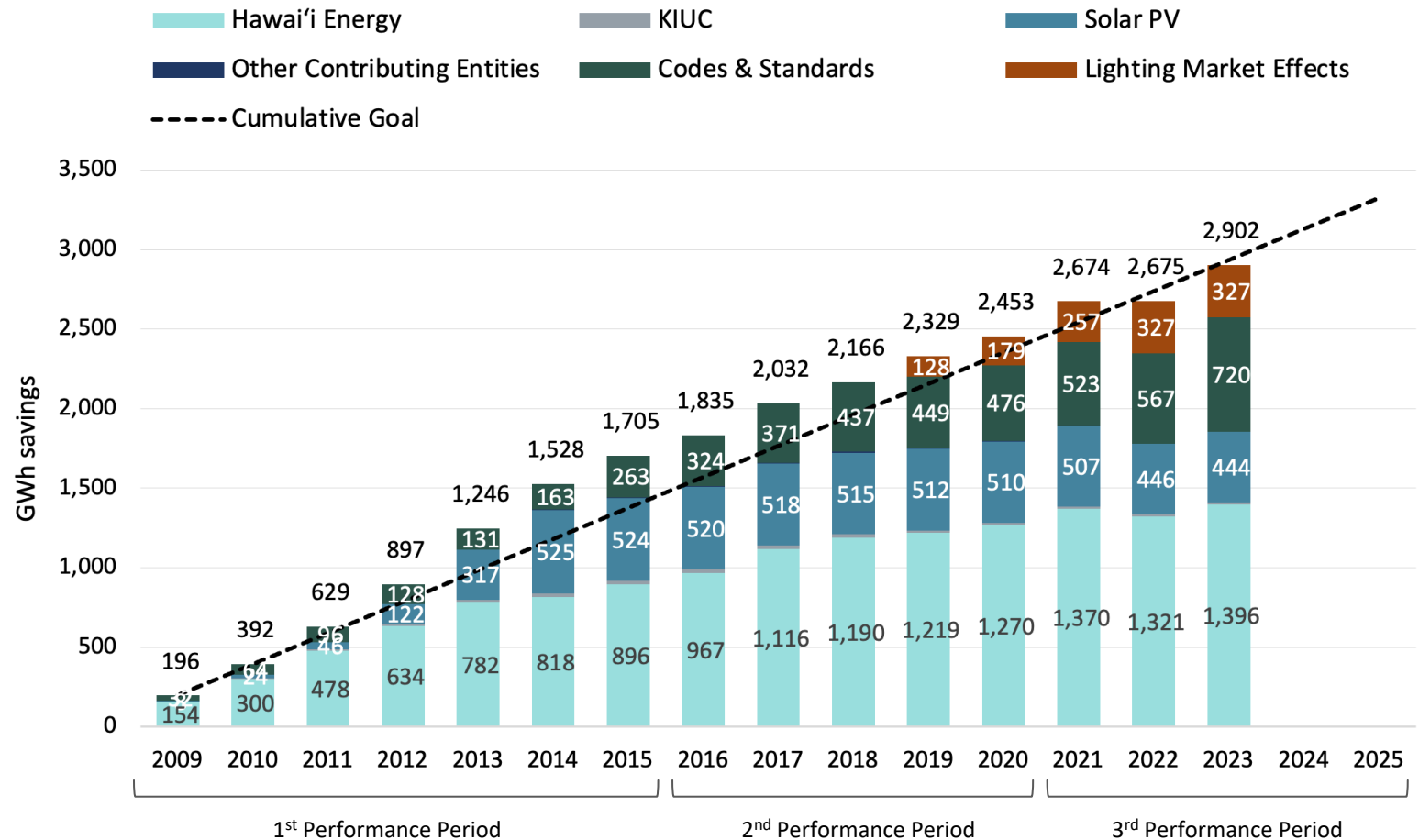
- This first annual update includes all the years since the Third EEPS Report to Legislature for which we have verified Hawai'i Energy savings
 - PY21, PY22 & PY23
- Going forward, the updates will be made annually

Performance Period:	2009 to 2015	2016 to 2020	2021 to 2025				
Report to Leg:	First & Second	Third	Fourth				
Annual Reporting:*	N/A		2021	2022	2023	2024	2025
Annual Reporting Yr:			2026		2027	2028	

* PBFA contributions to EEPS are reported on a program year basis, running from July to June.

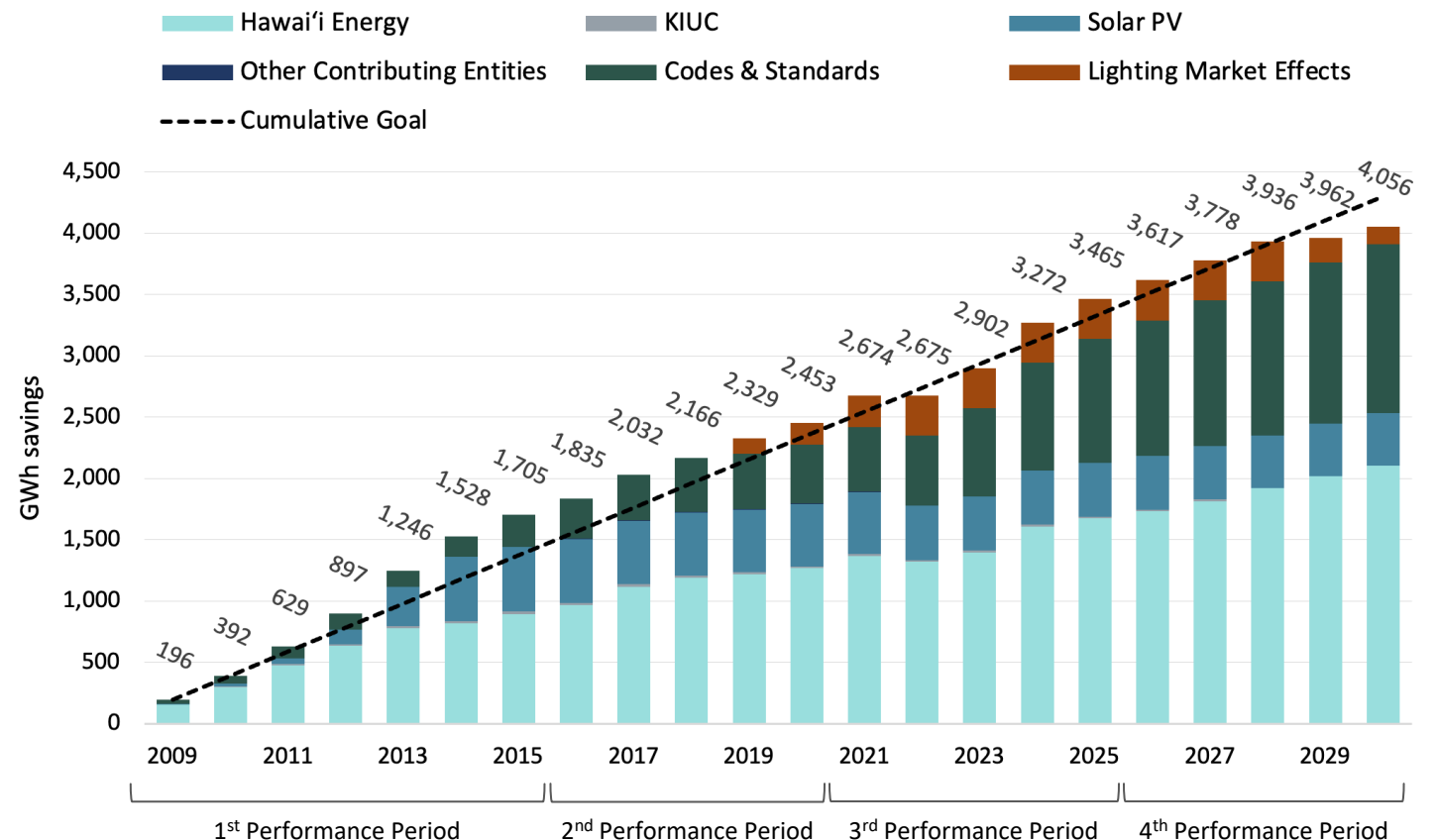
CUMULATIVE PERSISTING SAVINGS PROGRESS THROUGH PY23

- The State is keeping pace with the EEPS target as of 2023
- Achievement reflect actual, verified PBFA achievements & KIUC reported achievement through PY23
- Do not include savings from non-regulated contributing entities
- C&S & Lighting Market Effects savings were estimated in the 2020 MPS
- Note that savings from Solar PV & Other Contributing Entities persist from previous years



2030 RESULT USING CURRENT TARGETS & FORECASTS

- This slide shows the anticipated 2023 result assuming the following:
 - 2024-2027 Hawai'i Energy values are target values
 - 2028-2030 PBFA & KIUC values are business-as-usual from 2020 MPS
 - 2024-2027 KIUC values assume same level as 2023
- Consistent with the finding from the 3rd Report to Legislature, we forecast falling short of the 2030 target in the last years
- Will need to identify more aggressive strategies to meet the 2030 target



RECOMMENDATIONS

- KIUC accomplishments sometimes include behavioral or custom energy efficiency that are more complex to estimate
 - Recommend that annual updates for KIUC only include TRM measures; behavioral and custom savings can be determined by the EM&V contractor as part of the Report to Legislature activities
- EEM & TWG work to identify all the possible contributions to EEPS
 - IRA funded programs run through the HSEO
 - There will be overlap with the PBFA because of incentive stacking so these will need to be tracked & accounted for
 - Benchmarking savings through the City & County of Honolulu program
 - Savings from behavioral or information programs not currently quantified

NEXT STEPS

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- EEM to format results for posting on the HawaiiEEPS.org website

EEPS FRAMEWORK UPDATE: STRATEGIES TO MEET EEPS

JENNIFER BARNES

ENERGY EFFICIENCY MANAGER TEAM

PURPOSE OF TODAY'S DISCUSSION

- Discuss the current strategies to meet EEPS allowed in the EEPS Framework & discuss whether any strategies should be added or removed

EEPS FRAMEWORK IN A NUTSHELL

The EEPS Framework lays out a framework for how the state will achieve the EEPS targets:

- Statewide EEPS goals are met through the installation of Eligible Measures through the identified Delivery Channels by the state's Contributing Entities
 - Contributing Entities are both regulated (PBFA & KIUC) and non-regulated (C&S, non-profit environmental & faith-based groups, large energy users including military & state agencies)
- The TWG determines the portion of the EEPS goal allocated to each Contributing Entity
- Contributing Entities:
 - Submit ex ante estimates & document ex post achievements
 - Are responsible for funding EM&V to document savings
 - Work with EEPS Reporting Contractor to develop reporting requirements
- Envisions roles for EEPS EM&V and Reporting Contractors
- TWG also provides guidance around conducting potential studies to update savings estimates, tracking & reporting, metrics, cost-effectiveness, consumer bill impacts & avoided costs

EEPS FRAMEWORK TOPICS

February 2026

Performance & Evaluation Periods

5-year EEPS reporting cycles are currently identified through 2030 and culminate with a report to the legislature

2025 Legislation extended EEPS to 2045 with the same requirement for interim goals and reporting to the legislature every 5 years

The TWG recommends extending these on the same interval & manner

June 2026

Strategies to Meet EEPS

June 2026:

- Strategies to meet EEPS

October 2026 to June 2028

Future Topics

- Roles and responsibilities
- Cost-effectiveness & consumer bill impacts
- Funding, incentives & penalties
- Tracking & reporting requirements & timelines
- EEPS evaluation, measurement & verification
- EEPS metrics

October 2028

Goals

The 2025 EEPS legislation requires the Commission to set interim goals for 2025, 2035 & 2040 & gives flexibility to adjust the 2030 and 2045 goals, if needed

The next MPS is anticipated to be complete in mid-2028 which will provide the information necessary to determine interim goals and whether the 2030 & 2045 goals should be adjusted

STRATEGIES TO MEET EEPS

Resource Acquisition

- Must be cost-effective on a portfolio basis
- Favor longer life measures (such as HVAC and motors) over shorter life measures (such as screw-in lighting & behavioral modifications)
- Non-energy benefits should be considered to the extent they can be measured
- Portfolio design should encourage emerging technologies

Market Transformation

May not be cost-effective in the year offered but should be cost-effective over a five-year term or when folded into broader annual portfolio

- Energy Training for engineers, trades, building operators
- Collaboration with builders & county building departments
- Programs that leverage schools to promote & study EE
- Benchmarking or time-of-sale energy scores
- Solar water heating and sea water air conditioning
- Other measures & approaches as recommended by the TWG

DELIVERY CHANNELS

Traditional EE Programs:
PBFA & KIUC

Utility System Efficiency:
HE transformer
replacement,
reconductoring &
voltage regulation

Legislative Mandates:
ESCOS & state building
retrofits

Codes & Standards:
Federal, State & Local

Utility Programs:
Rate Design & Advanced
Metering

Non-profit programs

INELIGIBLE MEASURES & APPROACHES



Energy savings from external forces such as departing load or economic downturn



Customer-sited generation after January 1, 2015 (now counts towards RPS)

DISCUSSION

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- Are there other types or categories of measures, approaches or delivery channels that are not included but should be considered?
 - Should we work to qualify energy savings from currently listed strategies that don't currently have a savings values assigned, such as:
 - Information & training programs
 - Audits
 - Benchmarking
 - Are you aware of any eligible measures, approaches or delivery channels that are not being captured in EEPS

MARKET POTENTIAL STUDY UPDATE

JENNIFER BARNES
ENERGY EFFICIENCY MANAGER TEAM

RECENT ACTIVITY & CALENDAR

ACTIVITY	SCHEDULED DATES
Release of Request for Proposals	Friday May 15, 2026
Written Questions due to HlePRO	Thursday June 4, 2026
Responses to Questions	Monday June 17, 2026
Closing Date – RFP Proposals due	Friday July 10, 2026
Proposal Review Period	July 13-July 24, 2026
Optional discussions with priority-listed Offerors	July 27-July 31, 2026
If required, Best and Final Offers due	Thursday, August 6, 2026
Bidders Notified of Award Selection on or around	Friday August 14, 2026
Final Contract Developed and Issued on or around	On or around September 1, 2026

- Market Potential Study (MPS) RFP was launched on Friday, May 15, 2026
- Scope includes both a statewide MPS & the EM&V for the PY25-PY27 Triennial
 - This moves the EM&V contracting from a 2-year cadence to cover the full triennial to support continuity & timeliness
- Implications of a September 1, 2026 contract date:
 - MPS results ~Q4 2028
 - PY25 verification report may roll to June/July 2027
 - Likely to skip PY26 mid-year TRM update

NEXT STEPS & WRAP UP

JENNIFER BARNES

ENERGY EFFICIENCY MANAGER TEAM

QUESTIONS?

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- Please contact Jennifer Barnes at 415-653-1439 or jebarnes@westmonroe.com.
 - Meeting materials will be posted on www.HawaiiEEPS.org