



# Hawai'i Public Utilities Commission Implementation of Executive Order No. 25-01

Executive Order No. 25-01 urges the Public Utilities Commission (“PUC” or “Commission”) to develop and publish a timeline for acting on the priorities listed in Section 4 of the Executive Order. The PUC focuses on **four key initiatives** that will address the Section 4 priorities.

Key Initiatives
Power Purchase Agreement (PPA) Applications for Renewable Energy Generation
Distributed Energy Resources (DER) and Grid Services (GS) Policies and Programs
Community-Based Renewable Energy Programs (CBRE)
Efforts Associated with Integrated Grid Planning (IGP), Grid Modernization, Resilience, PPAs, DER and GS, and CBRE

Summary timeline of PUC actions that address subsections 4a-4f of EO No. 25-01	
<b>2024</b>	<ul style="list-style-type: none"> <li>• <b>Distributed Energy Resources (DER) Programs</b> – Launched the Smart DER and Bring-Your-Own-Device (BYOD) tariffs. Order issued to investigate the Connected Solutions program and to update the BYOD 1 program.</li> <li>• <b>Integrated Grid Planning (IGP)</b> – Accepted HECO’s IGP and provided guidance for the next iteration of IGP.</li> <li>• <b>Grid Modernization Phase 1</b> – HECO completed full rollout of advanced meter infrastructure (AMI). The Commission expects HECO to fully utilize AMI which to enable more Distributed Energy Resources (DER) installations and improve grid reliability.</li> <li>• <b>Hawaiian Electric Climate Adaptation Transmission &amp; Distribution Resilience Program</b> – Approved in January 2024. The Project includes grid-hardening initiatives such as critical transmission lines, critical customer circuits, critical poles, and lateral undergrounding. Expected work on various subprojects to the T&amp;D Resiliency Project through 2027.</li> </ul>
<b>2025</b>	<ul style="list-style-type: none"> <li>• <b>Review of Stage 3 Power Purchase Agreement (PPA) Contracts</b> – In 2025, the Commission expects HECO to file requests for approval of PPAs for significant additional capacity across all three of its service territories. The PUC must review these contracts to ensure pricing, operational plans, terms and conditions, community benefits, and greenhouse gas emissions impacts are reasonable and in the public interest.</li> </ul>

- **DER Programs** – Decision on BYOD+ to accelerate DER adoption and further enable participation by low-to-moderate income (LMI) customers issued in March 2025; decision on implementing ConnectedSolutions program expected by December 2025. The Commission expects annual growth of DER to be approximately 66.7 MW.
- **Water Heater Grid Services Savings Program** – PUC approves extension of and updates to HECO’s EnergyScout Programs for an additional 13 years.
- **Community Based Renewable Energy (CBRE)** – Phase 2, over 200 MW of reserved capacity for new proposals at various project sizes.
  - Expected completion of small project (240 kW) on Oahu
- **IGP** – New investigation on IGP to launch.
- **IGP RFP** – Decision on IGP RFP expected in 2025 for the procurement of new utility-scale generation and storage.
- **Grid Services** – Decision expected Q4 or sooner to establish an interim grid service solution to replace the loss of Swell as an aggregator.
- **Performance Based Regulation** – Phase 5 PBR Framework evaluation expected to be concluded. Phase 6 Examining modifications to the PBR mechanisms expected to commence.
- **Electrification of Transportation (EoT)** – Stakeholder Conference planned for March 2025 for HECO Companies’ EoT Strategy.
- **Utility Natural Hazard Mitigation Reports** – PUC to issue guidance to utilities regarding their filed reports in mid-2025.
- **HECO and KIUC Wildfire Mitigation Plans (WMP)** – Filed in January 2025. Commission decision expected later this year. Utilities to file updated WMPs to be filed annually in January.
- **Electricity Wheeling** – Commission to determine whether intragovernmental wheeling is in the public interest by November 2025.
- **Equity** – Conclusion of gathering community input to improve PUC public engagement expected by end of 2025.
- **Grid Modernization Phase 2** – Decision on HECO docket application expected in 2025/2026.
- **Climate Adaptation Transmission & Distribution Resilience Program** – HECO expects to work on the various subprojects to enhance grid resiliency through 2027.

2026

- **Utility Scale Renewable Energy Generation and Storage** – PUC review of additional capacity for
  - Maui: approx. 70MW renewable generation/160MWh battery energy storage system (BESS)
  - Hawaii Island: approx. 15 MW renewable generation
  - Oahu: approx. 6MW renewable generation/30MWh BESS
- **DER Programs** – The Commission expects annual growth of DER to be approximately 66.7 MW.

	<ul style="list-style-type: none"> <li>• <b>CBRE</b> – Phase 2, Tranches 1 and 2 <ul style="list-style-type: none"> <li>◦ Tranche 1: Molokai – expected completion of CBRE 1 project (approx. 2 MW, 10 MWh BESS); expected completion of CBRE 2 project (approx. 250 kW, 1 MWh BESS); Oahu – expected completion of LMI project (approx. 6 MW)</li> <li>◦ Tranche 2: anticipated commencement, includes issuing RFPs and accepting applications for small projects</li> </ul> </li> <li>• <b>IGP</b> – New investigation on IGP continues.</li> <li>• <b>Performance Based Regulation</b> – Phase 6 examining potential modifications to PBR Framework mechanisms expected to be conducted ahead of scheduled launch of second multi-year rate period in 2027.</li> <li>• <b>EoT/DER</b> – Vehicle to Grid (V2G) technical roadmap expected from HECO in 2026.</li> <li>• <b>Electricity Wheeling</b> – Report to legislature on wheeling investigation (including feasibility of intragovernmental wheeling) with stakeholders</li> <li>• <b>Climate Adaptation Transmission &amp; Distribution Resilience Program</b> – Hawaiian Electric expects to work on the various subprojects to enhance grid resiliency through 2027.</li> </ul>
2027	<ul style="list-style-type: none"> <li>• <b>Utility Scale Renewable Energy and Storage</b> – PUC to review contracts for <ul style="list-style-type: none"> <li>◦ Oahu: approx. 100 MW biofuel</li> <li>◦ Oahu: 120 MW renewable generation, 480 MWh BESS</li> <li>◦ Maui: approx. 60MW renewable generation, 240 MWh BESS</li> <li>◦ Maui: approx. 40 MW biofuel</li> </ul> </li> <li>• <b>DER Programs</b> – The Commission expects annual growth of DER to be approximately 66.7 MW.</li> <li>• <b>CBRE</b> – Phase 2, Tranches 1 and 2 <ul style="list-style-type: none"> <li>◦ Tranche 1: expected completion of LMI projects on Maui and Hawaii islands (approx. 8 MW, 30 MWh BESS)</li> </ul> </li> <li>• <b>IGP</b> – New investigation on IGP continues.</li> <li>• <b>Performance Based Regulation</b> – Second multi-year rate plan expected to commence in January 2027.</li> <li>• <b>Energy Efficiency</b> – Market Potential Study Update: The Commission conducts this comprehensive research effort every 5 to 7 years to quantify the State of Hawaii’s potential for energy savings by identifying and quantifying energy efficiency measures and opportunities, considering technical, economic, and market constraints.</li> <li>• <b>Climate Adaptation Transmission &amp; Distribution Resilience Program</b> – Hawaiian Electric expects to work on the various subprojects to enhance grid resiliency through 2027.</li> </ul>
2028	<ul style="list-style-type: none"> <li>• <b>DER Programs</b> – The Commission expects annual growth of DER to be approximately 66.7 MW.</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>Government DER Power Projects Energized</b> – Goal of 50 -100 MW new distributed renewable energy and storage to be install on government buildings and properties.</li> <li>• <b>CBRE</b> – Tranche 2: anticipated final award groups on proposals and PPA negotiations for new projects.</li> <li>• <b>IGP</b> – New investigation on IGP continues.</li> </ul>
2029	<ul style="list-style-type: none"> <li>• <b>DER Programs</b> – The Commission expects annual growth of DER to be approximately 66.7 MW.</li> <li>• <b>CBRE</b> – Phase 2, Tranche 2 – procurement process continues – anticipated review of PPAs.</li> <li>• <b>IGP</b> – IGP investigation completed.</li> <li>• <b>EoT/DER</b> - Resilience Hubs under construction.</li> </ul>
2030	<ul style="list-style-type: none"> <li>• <b>DER Programs</b> –The Commission expects annual growth of DER to be approximately 66.7 MW. From 2025-2030, the Commission expects 400 MW of additional renewable DER capacity to be installed.</li> <li>• <b>Energy Efficiency Portfolio Standard (EEPS)</b> – 4,300 GWh of electricity savings achieved.</li> <li>• <b>CBRE</b> – Anticipated review of Phase 2 procurement process; consideration of Phase 3 proposals/projects/capacities.</li> </ul>