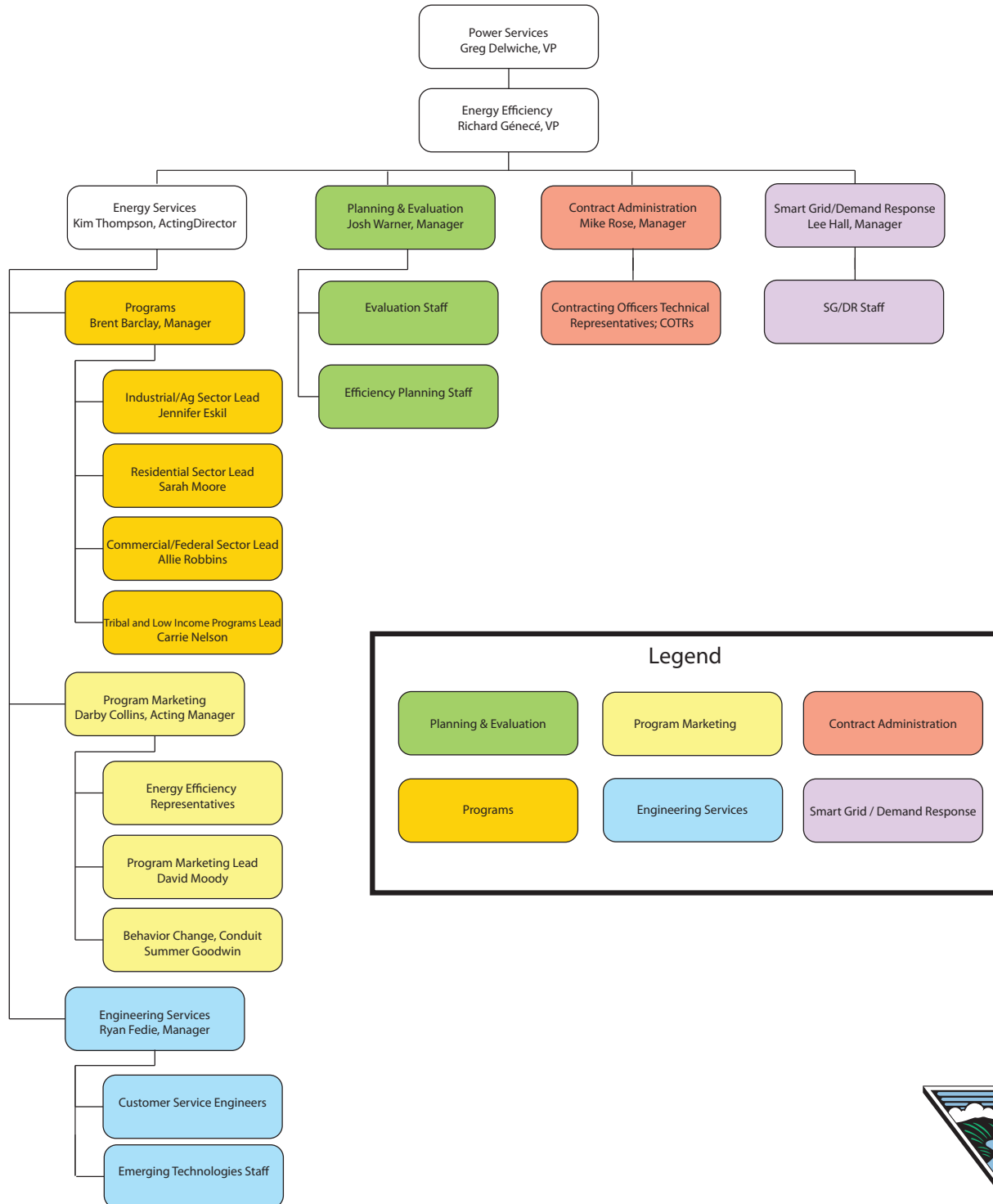


Bonneville Power Administration's Energy Efficiency "Under the Hood"

Description

The table below provides an "under the hood" view of BPA's Energy Efficiency organization in the context of the lifecycle of a deemed measure. Rather than a static organization chart, the "under the hood" view attempts to provide a more contextual look of the various groups in the EE organization by coupling an organization chart with a table that describes each group's roles and responsibilities during the different stages of a unit energy savings measure.

BPA's Energy Efficiency Organization Chart



Lifecycle of Unit Energy Savings (UES) Measures

The Council creates the Power Plan which sets the region's energy efficiency savings target comprised of existing and emerging technologies. Measures based on these technologies play a vital role in achieving the savings target. The chart below provides a high-level look at the lifecycle of a measure and the roles the regional energy efficiency entities play throughout. This view is not meant to be comprehensive, i.e., many other roles and responsibilities of the EE groups are not captured.

Measure returns to Approval stage due to various drivers: changes in codes and standards; updated measure analysis and data (e.g., evaluations, reports, field testing); corrections for errors; market saturation.

EE Group	New Opportunity Scanning Stage	Assessment and Validation Stage	Measure Approval Stage	Measure Acceptance Stage	Measure Implementation Stage	Savings Reporting Stage	Evaluation Stage
"Planning and Evaluation; Planning Team, Evaluation Team"	Evaluates potential for BPA-qualified measures; Consults on Emerging Technology pilots to ensure evaluability	Develops recommendations for tracking and reporting requirements for BPA qualified programs	Works with Programs to ensure good inputs, then takes measures to the RTF for approval	Determines on BPA's willingness to pay	Develops regional programs in coordination with Programs	Reports savings to the Council	Evaluates measures and programs
"Program Marketing Energy Efficiency Representatives (EERs) Marketing Team"		Carries utility ideas back to Programs for consideration	Provides feedback to Programs on challenges utilities may be experiencing with program design or implementation	Assists Programs in educating utilities on new measures, e.g., via Brownbags and Weekly Announcements	Works with Programs to assist utilities with program design and implementation strategies	Help utilities understand and navigate the BPA reporting tools	Works with utilities to resolve issues with program reporting and evaluation submittal errors
"Programs; Residential, Commercial, Industrial, Agriculture"	Works with E3T to prioritize future technology opportunities that may have program potential	Works externally, (utilities, implementors) to design utility or regional programs. Coordinates with NEEA's upstream market activities.	Supports Planning & Evaluation on measure presentations to the RTF by assisting with cost inputs and program design needs	Revises the Implementation Manual to include new measures and measure revisions	Develops and manages regional programs or infrastructure to support utility programs. Uses Quality Assurance trend data to improve program design.	Tracks savings by program/measure area to monitor uptake of offers.	Evaluates program success, identifies potential challenges and makes programmatic adjustments as needed.
"Engineering Services; Engineering Team, Emerging Technologies (E3T)"	Manages Emerging Technologies program for zero to little market saturation with unknown energy savings	Manages demonstration/ pilot projects aimed at documenting a technology's estimated savings; performs lab testing and modeling	Takes measures to the RTF for approval	Helps utilities and contractors identify potential energy saving projects in the commercial, industrial and ag sectors	Assists utilities, ESCO, and industrial partners with custom project proposal design, implementation and M&V	Reviews completion reports to ensure proper M&V requirements are satisfied and validates measure savings	Provides reports to COTRs validating project measure savings
"Contract Administration; Contracting Officers Technical Representatives (COTRs)"				Updates the Implementation Manual every April and October	Manages the Implementation Manual and pre-approves proposed Custom Projects	Performs oversight visits at the utilities to verify energy savings claims	Ensures BPA M&V and additional data requirements have been satisfied