



Facilities Studies (FAS) Improvements

TC-25 Settlement Commitment Workshop

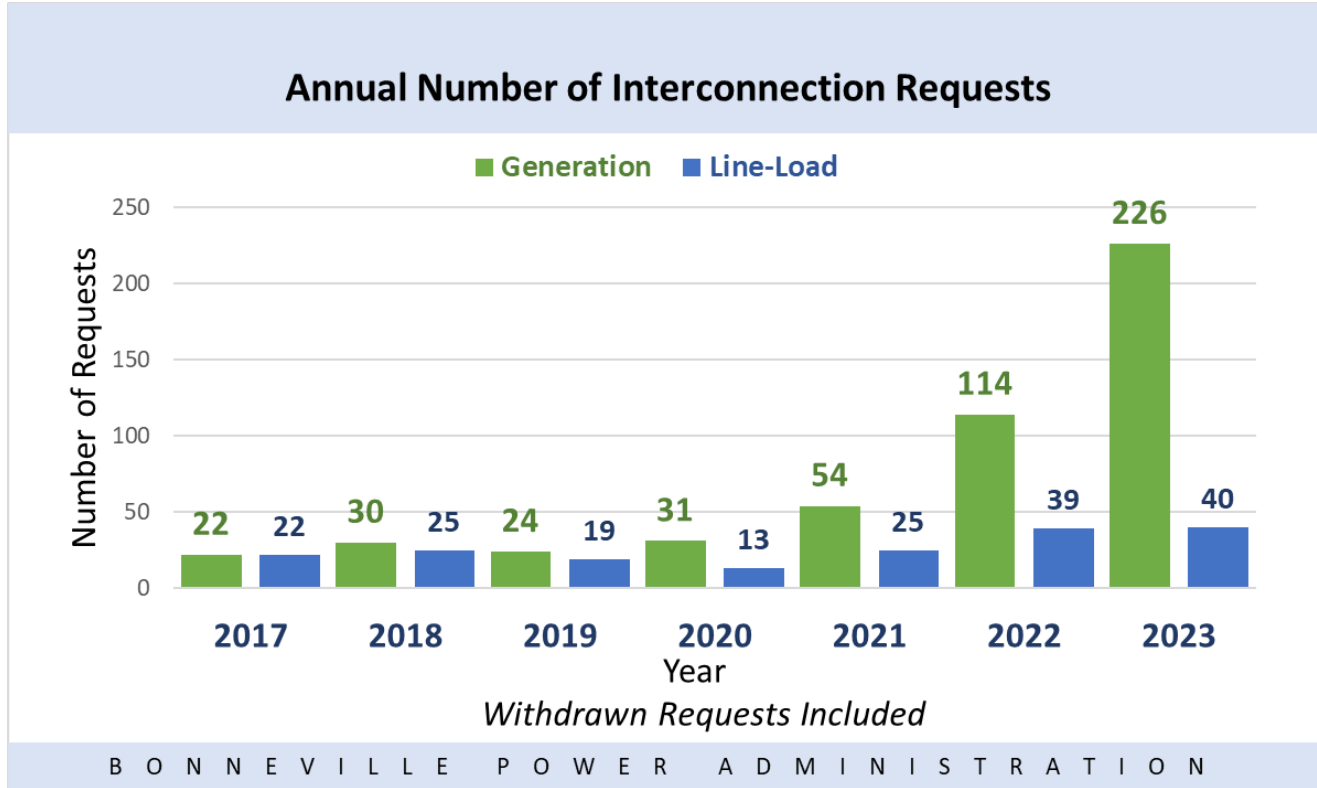
March 19, 2024



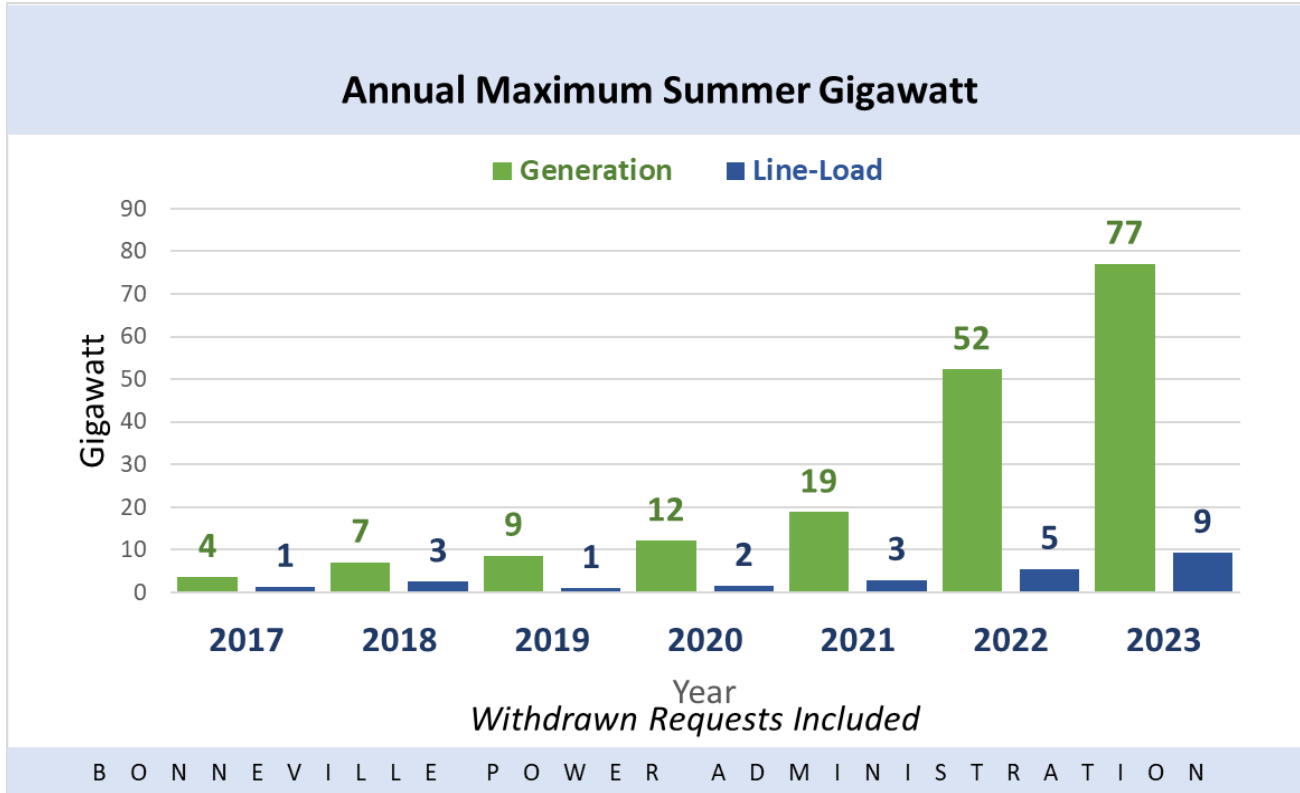
Background

- In TC-25 Settlement, BPA agreed to host a stakeholder workshop on Facilities Study and Environmental Study Process.
 - BPA held workshop on Environmental Requirements for Interconnection on February 22, available on the [TC-25 Tariff Settlement Commitments page](#).
- BPA, prior to 2023, performed preliminary engineering/concept design activities during the FAS.
 - Capital Investment Acquisition Process (CIAP) project scoping phase.
- FAS durations increased due to the large increase in interconnection requests, backlog of projects, and BPA resource constraints.
- Customers/developers asked BPA to explore ways to reduce FAS durations and be more responsive.

Interconnection Request Volume



Interconnection Request Volume



Improvements

- Preliminary engineering/concept design activities during the CIAP project scoping phase were removed from the FAS.
- Instead, the BPA Planning organization consults with the Engineering organization to refine the plan-of-service identified in previous studies.
 - Small team from Engineering provides consistent FAS input.
- Deferred process steps and concept design to after FAS phase.

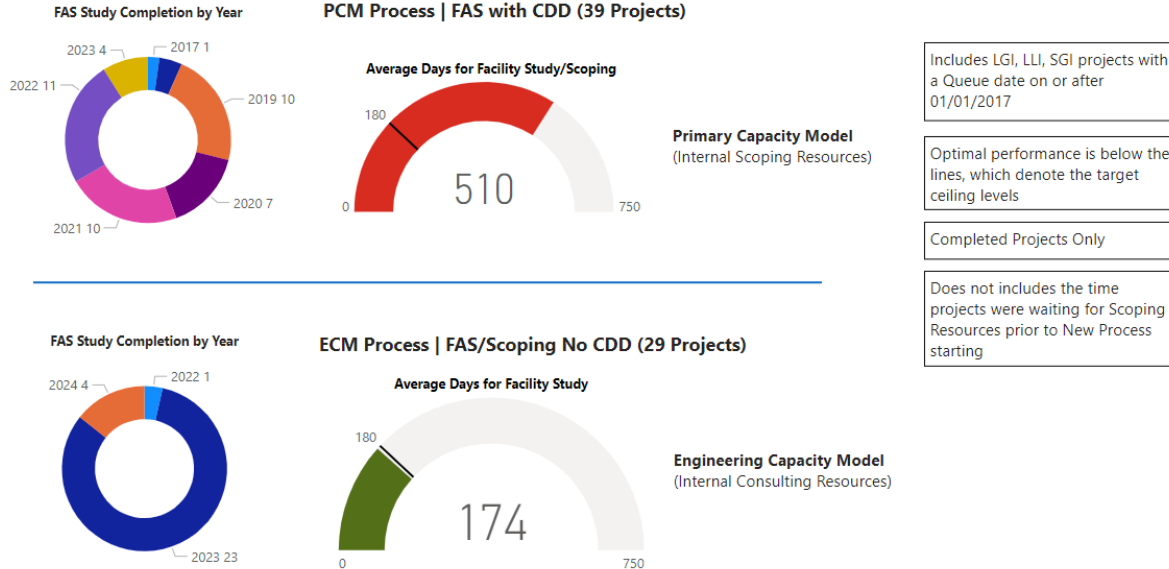
Milestones

- Refine the plan-of-service via the Project Requirements Diagram (PRD).
 - Feedback is solicited from numerous organizations.
- Site visit.
- Generate site-specific estimates.
- Prepare report, deliver to customer/developer and schedule review meeting.

Results

- Significantly reduced duration of FAS.
- Higher level estimates and results offset by contingency when needed.
- Supports customer/developer requests for BPA to more responsive.
- Customers/developers receive a cost and schedule sooner, leading to contracts for environmental work, engineering and material procurement activities.

Duration Metrics



- Does not include the time between agreement execution and resource availability.

Moving Forward

- Feedback is welcome on what is important, and BPA will consider.
- Continuing to look for improvements.
- Balance of study integrity, duration, cost and schedule certainty.

Questions

