

PROJECT
bella

VIRTUAL OPEN HOUSE

**Quick Ramping Thermal
and
Grid Charged BESS Generation**

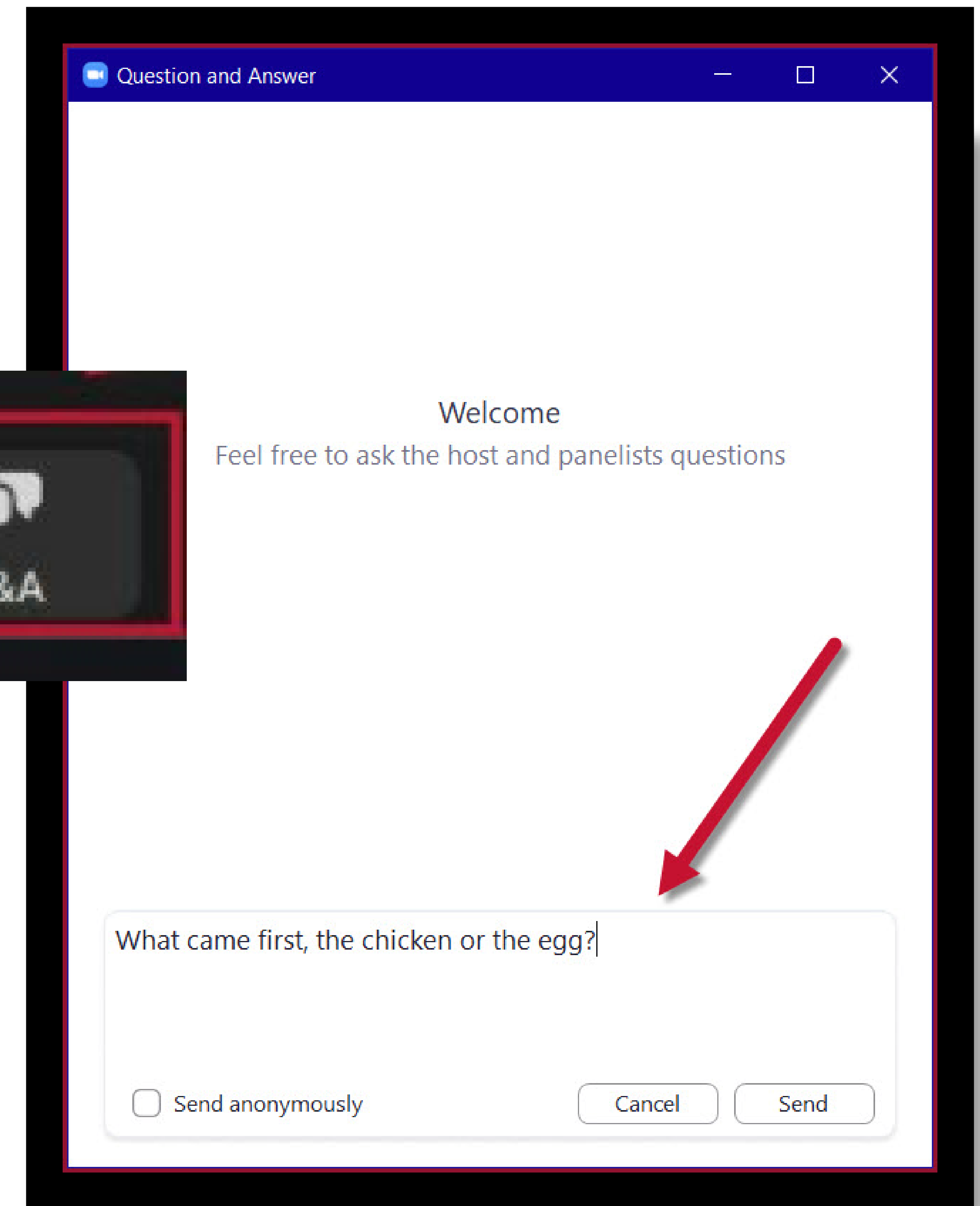
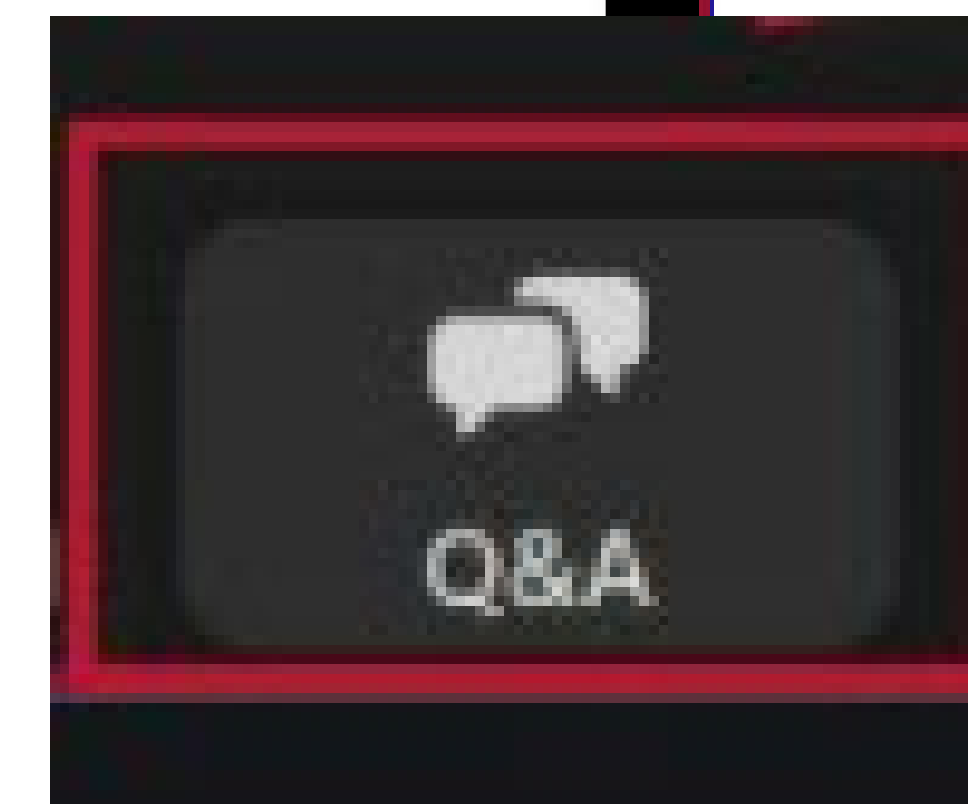
Agenda

- Introductions
- Project Overview Presentation
- Questions & Answers via Q&A Function

Questions & Answers

- Use the Q&A Feature to type in questions
- Ask questions throughout the presentation
- We will respond to as many questions as we can

Click "Q&A" at bottom of screen



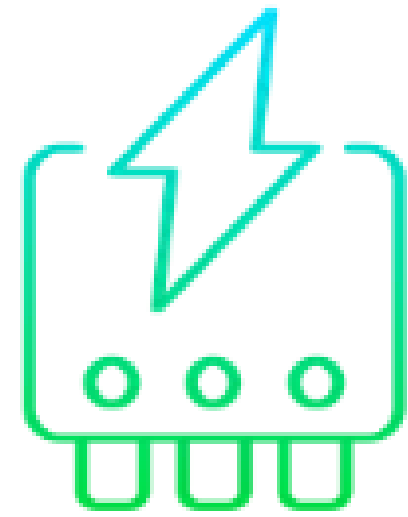
The logo for Project Bella, featuring the word "PROJECT" in white uppercase letters above the word "bella" in a large, green, lowercase sans-serif font. The background is a photograph of an industrial facility with a tall cylindrical tank and various pipes.

PROJECT
bella

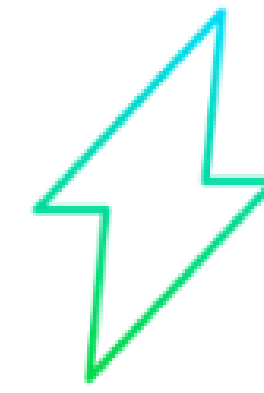
A semi-transparent white horizontal band across the middle of the image containing the text "Project Overview" in a large, bold, green sans-serif font.

Project Overview

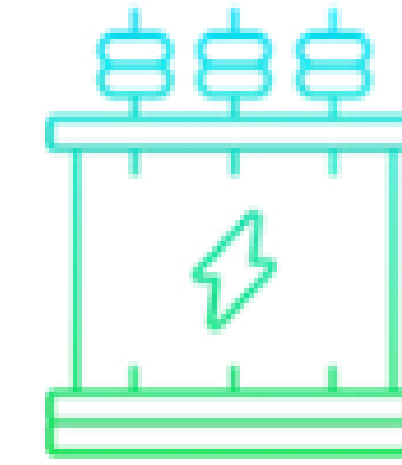
Two Projects – One Efficient Solution



Frequency Regulation



Peak Shaving

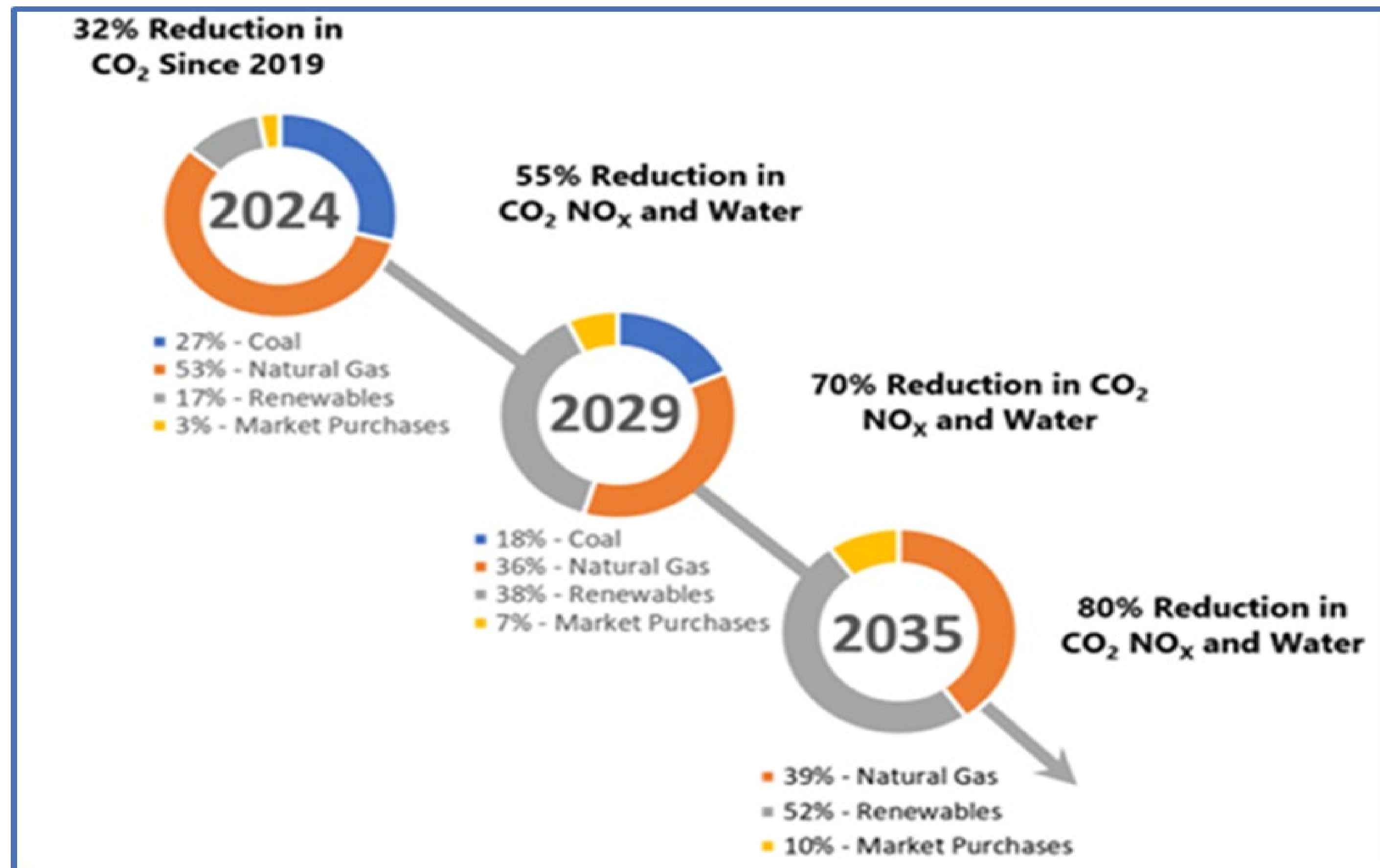


Load Shifting

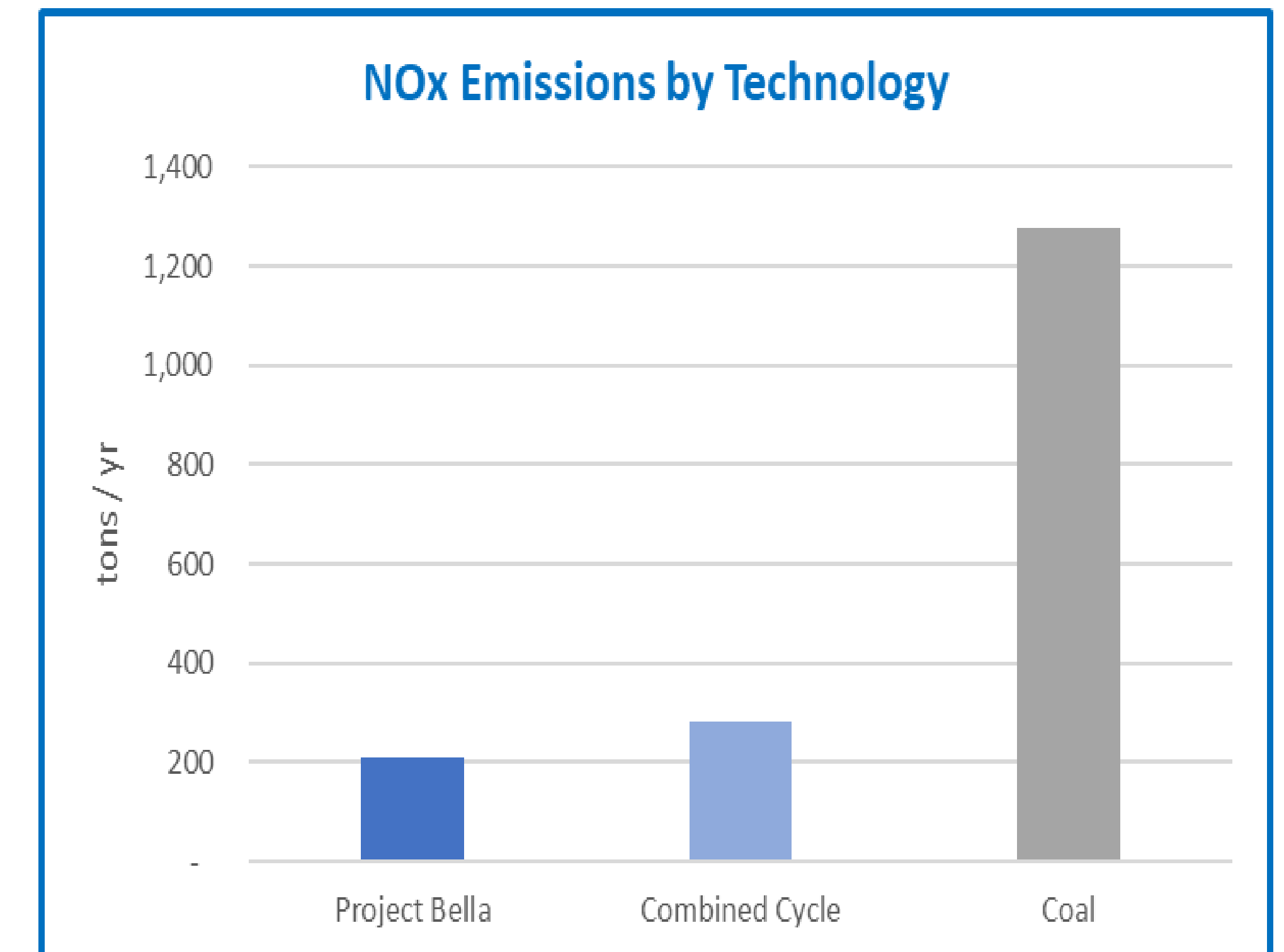
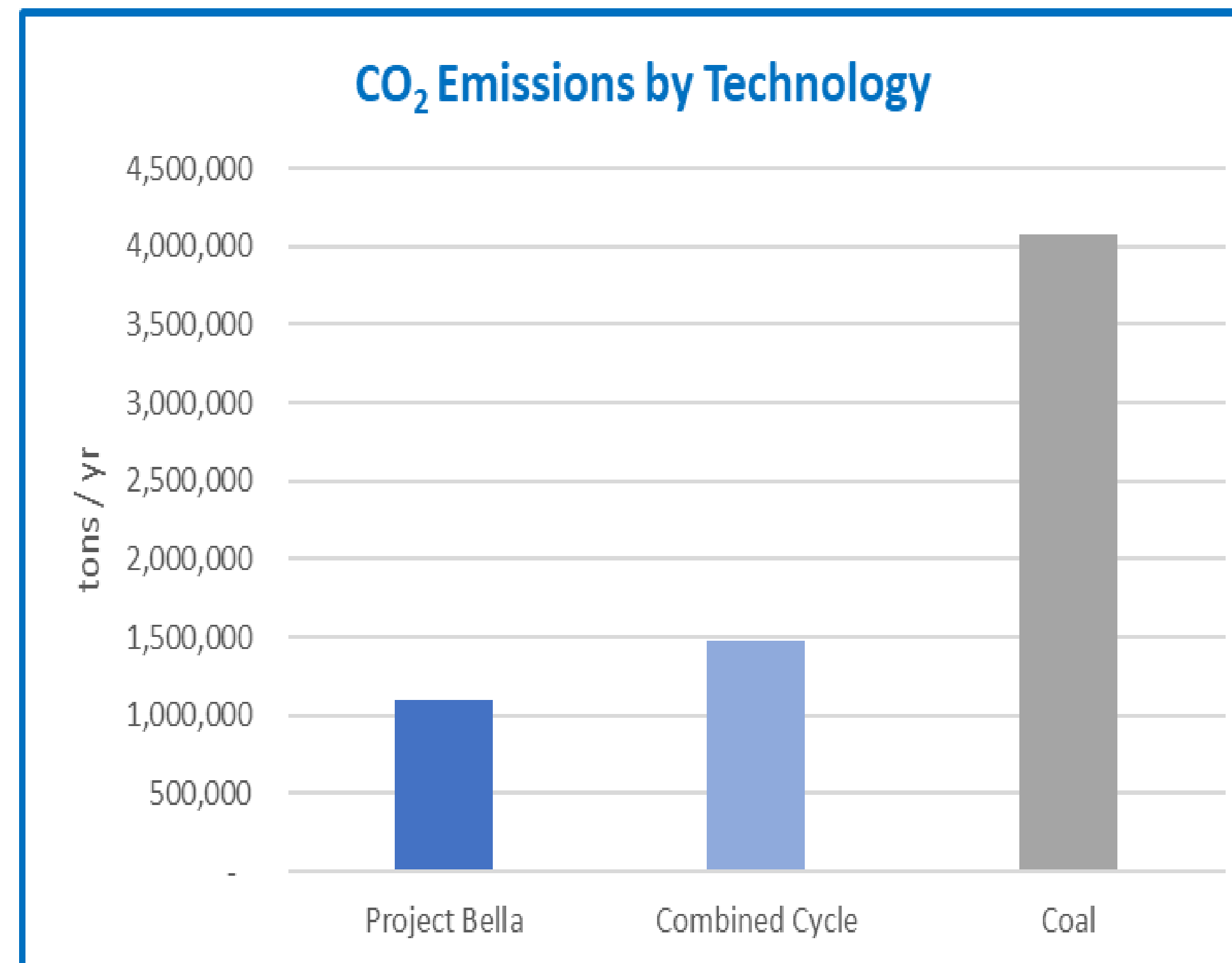
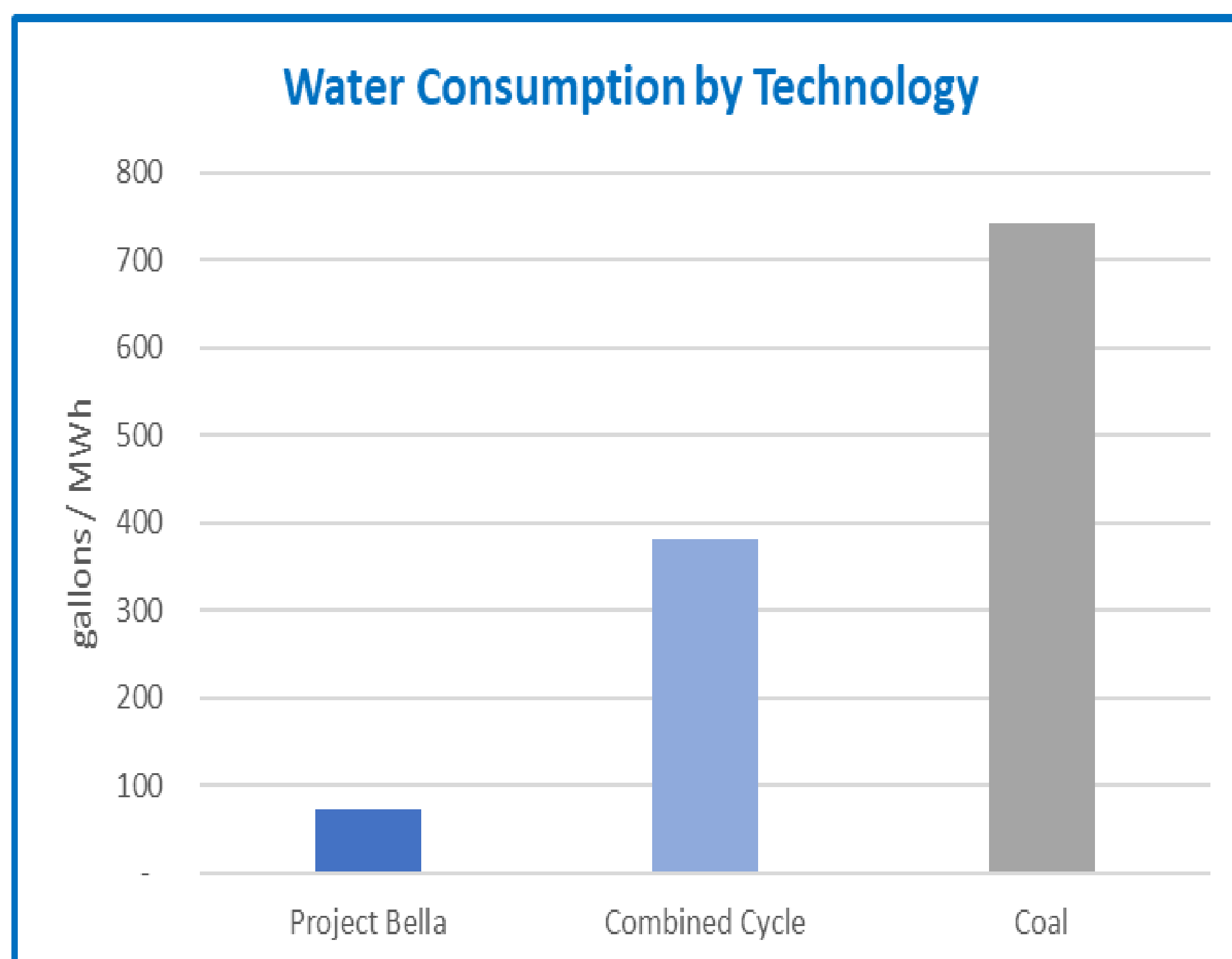
Cazador del Sol consists of ten (10) GE LM6000 PC natural gas turbines, each with a capacity of 48 MW and a total project capacity of 480 MW. Each turbine is similar in size to a Boeing 747 jet engine. The highly reliable aeroderivative units are designed for quick start, ramping and efficient overall heat rate. The quick ramping structure is ideal for renewable energy integration and local reliability purposes. Assuming NTP (notice to proceed) the projected Commercial Operation Date is between Spring 2027 and Spring 2028.

Atrapa Soles, designed specifically for the SW conditions, will consist of a total 440 MW AC of grid-charged battery energy storage with liquid cooled cabinets and self-contained fire suppression systems. The quick deployment of charge and discharge to and from the grid can provide essential load shifting, renewable integration, frequency regulation and peak energy supply to complement local reliability. Assuming NTP (notice to proceed) the projected Commercial Operation Date is Spring 2027.

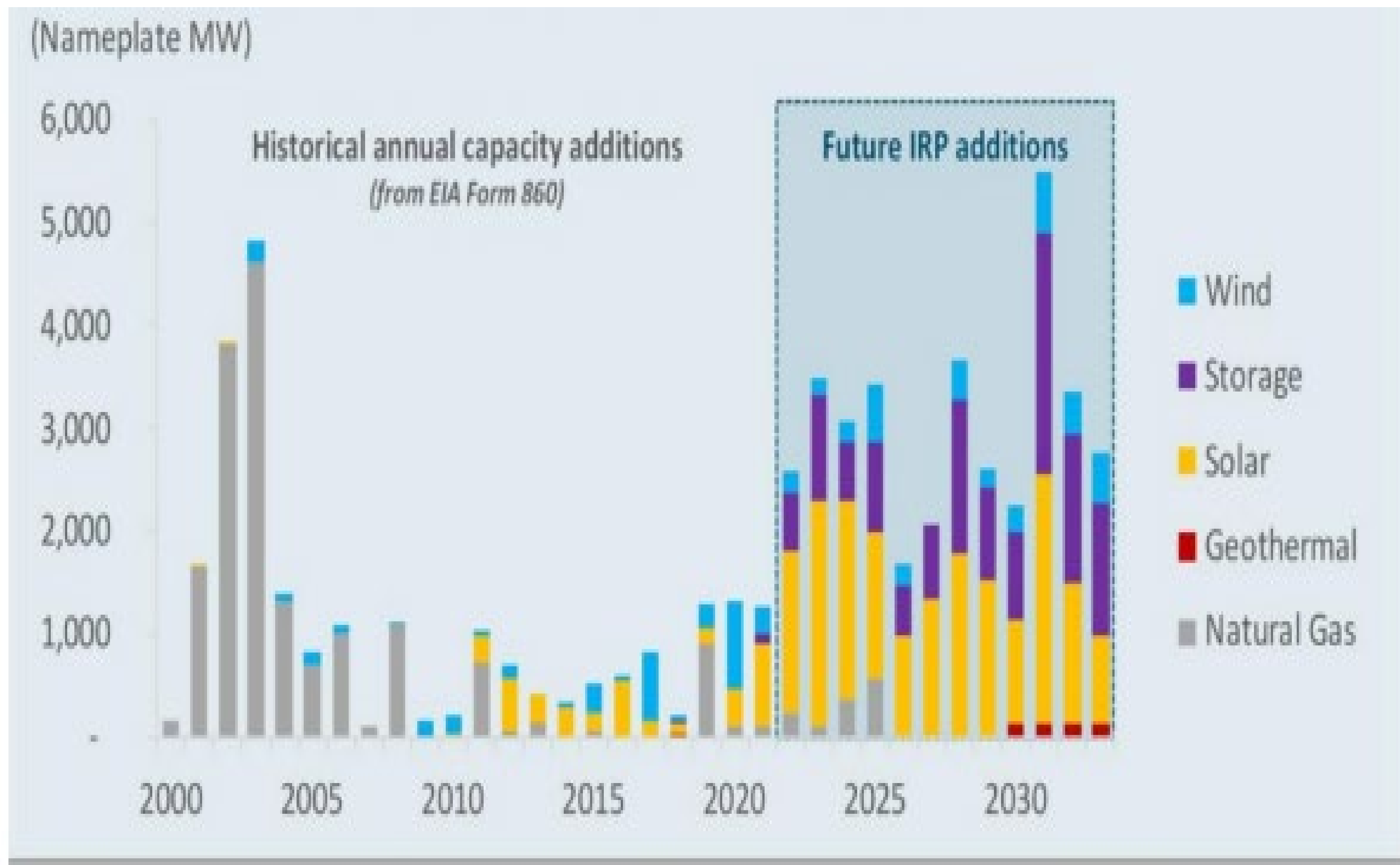
Project Bella's Significant Sustainability Contribution



- ✓ Minimal Water Consumption - 78 % less than a CCGT
- ✓ Low Emissions (NO_x and CO Control Systems)
- ✓ Compliments the Priority Utilization of Renewable Energy
- ✓ Provides Reliable Capacity and Energy Storage
- ✓ Air Cooled Chillers Reduces Water consumption
- ✓ Lower Stack (65 ft) – visual and noise mitigation
- ✓ Electrical Transmission and Natural Gas Pipeline On-Site



Historical Resource Additions are Offset by Coal Retirements

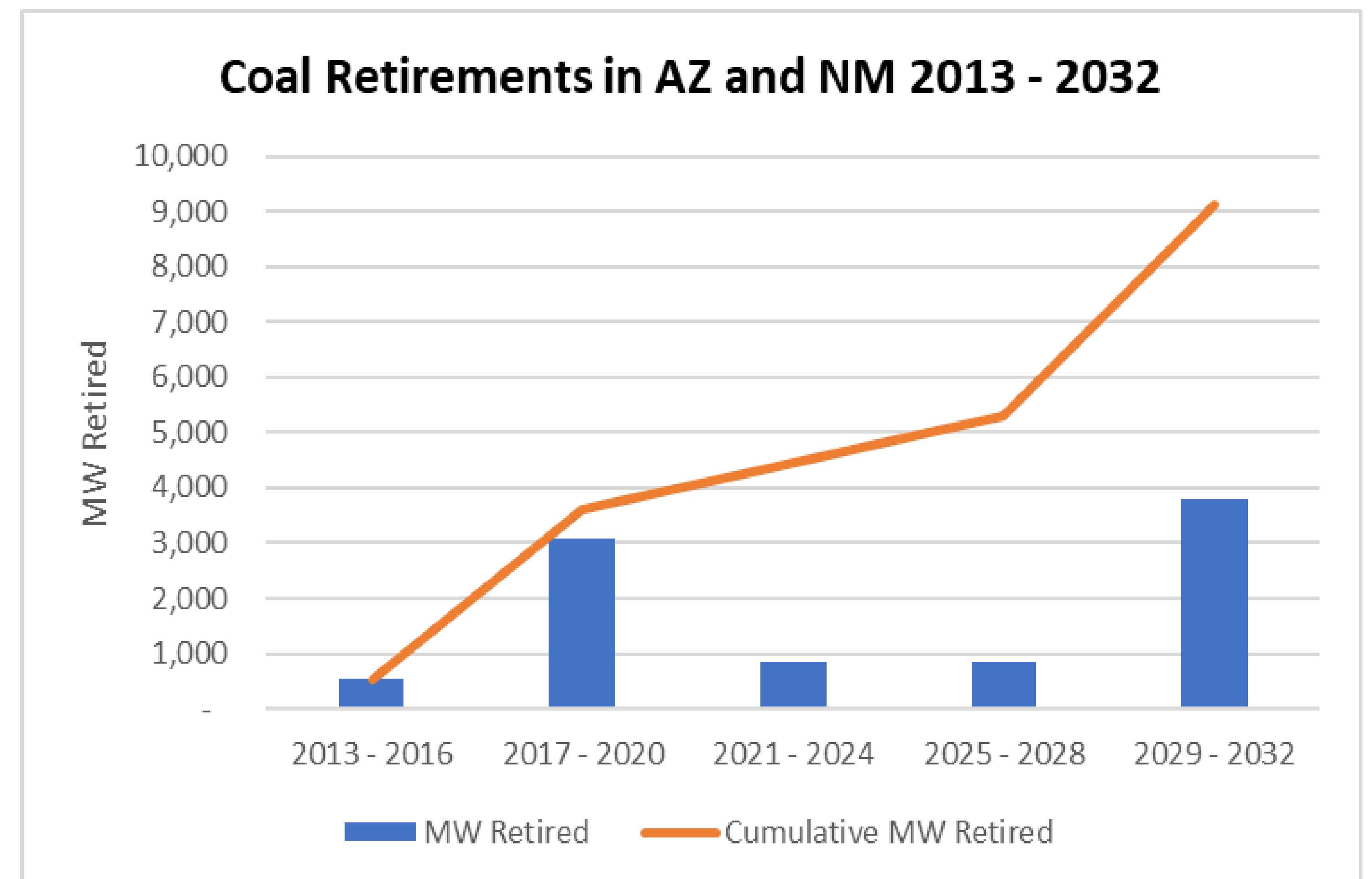


Source: [Resource Adequacy in the Desert Southwest, Energy+Environmental Economics, 2022.](#)

Includes all balancing areas in AZ and NM.

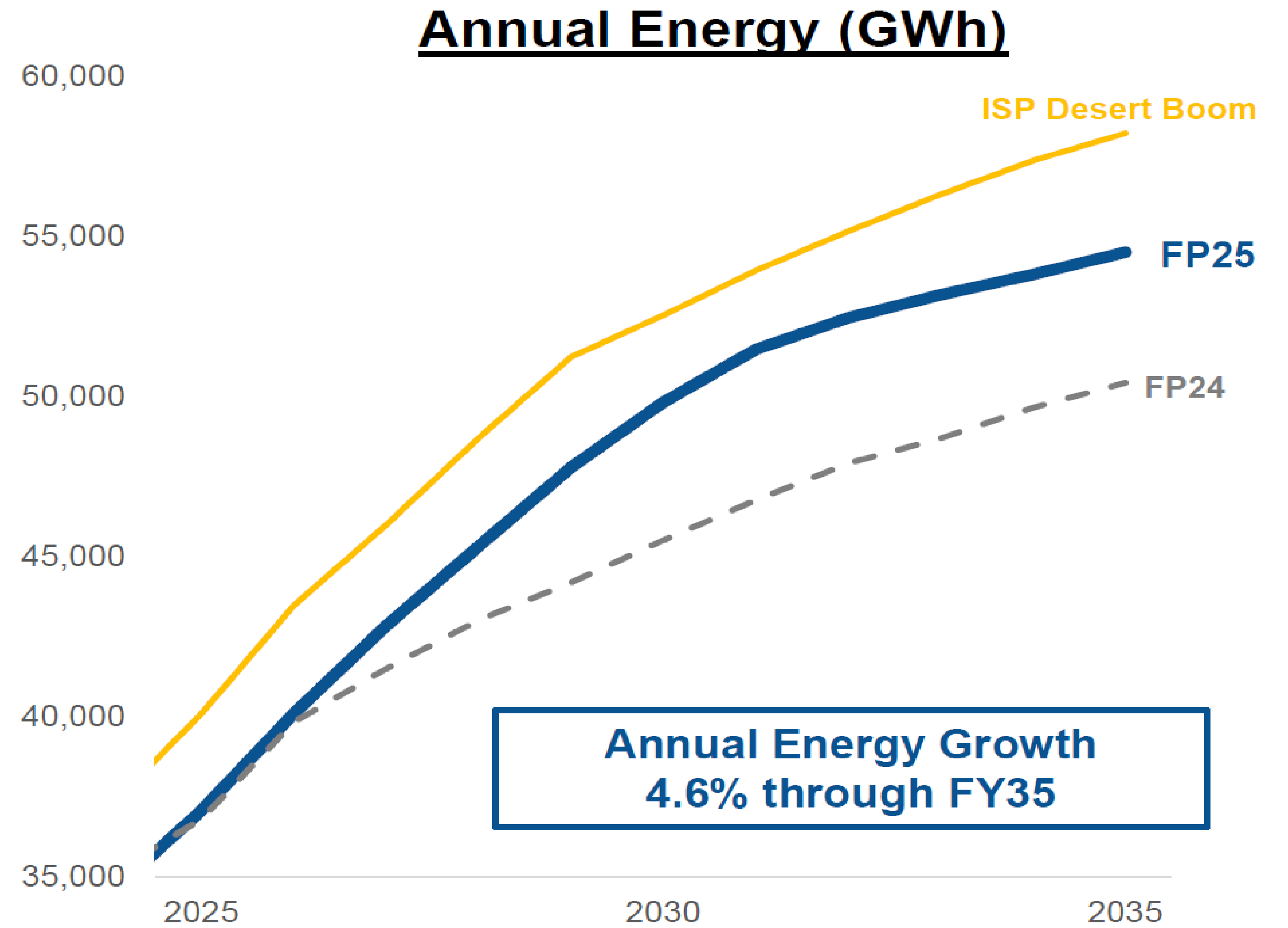
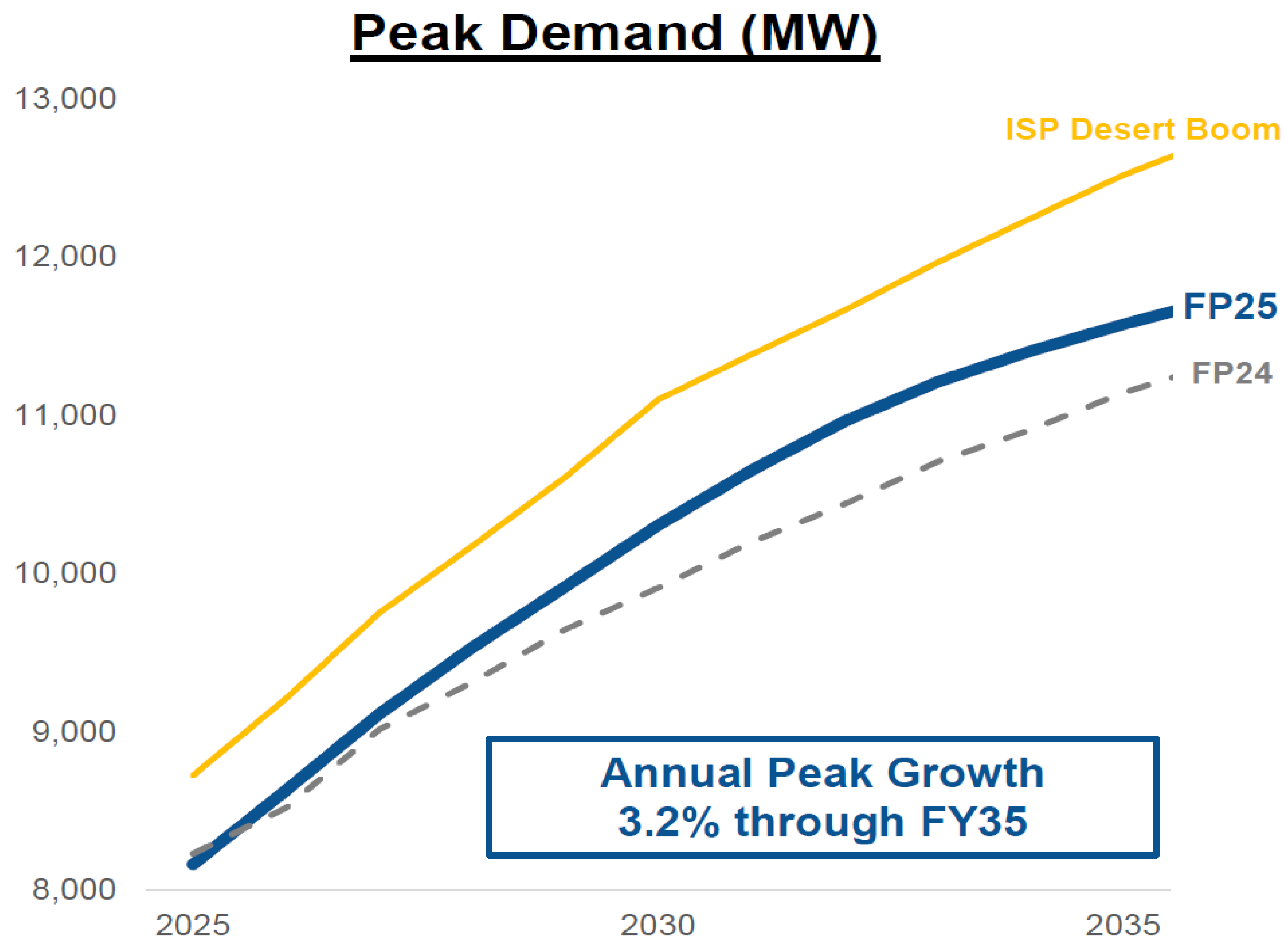
Source: TEP 2023 IRP Figure 2. A Historical Perspective on the Rate of New Capacity Additions in the Desert Southwest

The Western Energy Crisis of 2001 was followed by one of the most rapid periods of new resource development in the history of the Western Interconnection. Nearly 10,000 MW of new, clean natural gas generation mitigated the acute reliability concerns that were constructed between 2001-2004, nearly 20 years ago. While most of these resources continue to operate today in support of utilities' resource adequacy and reliability requirements, the capacity additions from 20 years ago will be completely offset by nearly 9,000 MW of coal retirements. Therefore, additional capacity is required for load growth over the last twenty years as well as to plan for the future electric reliability and sustainability.

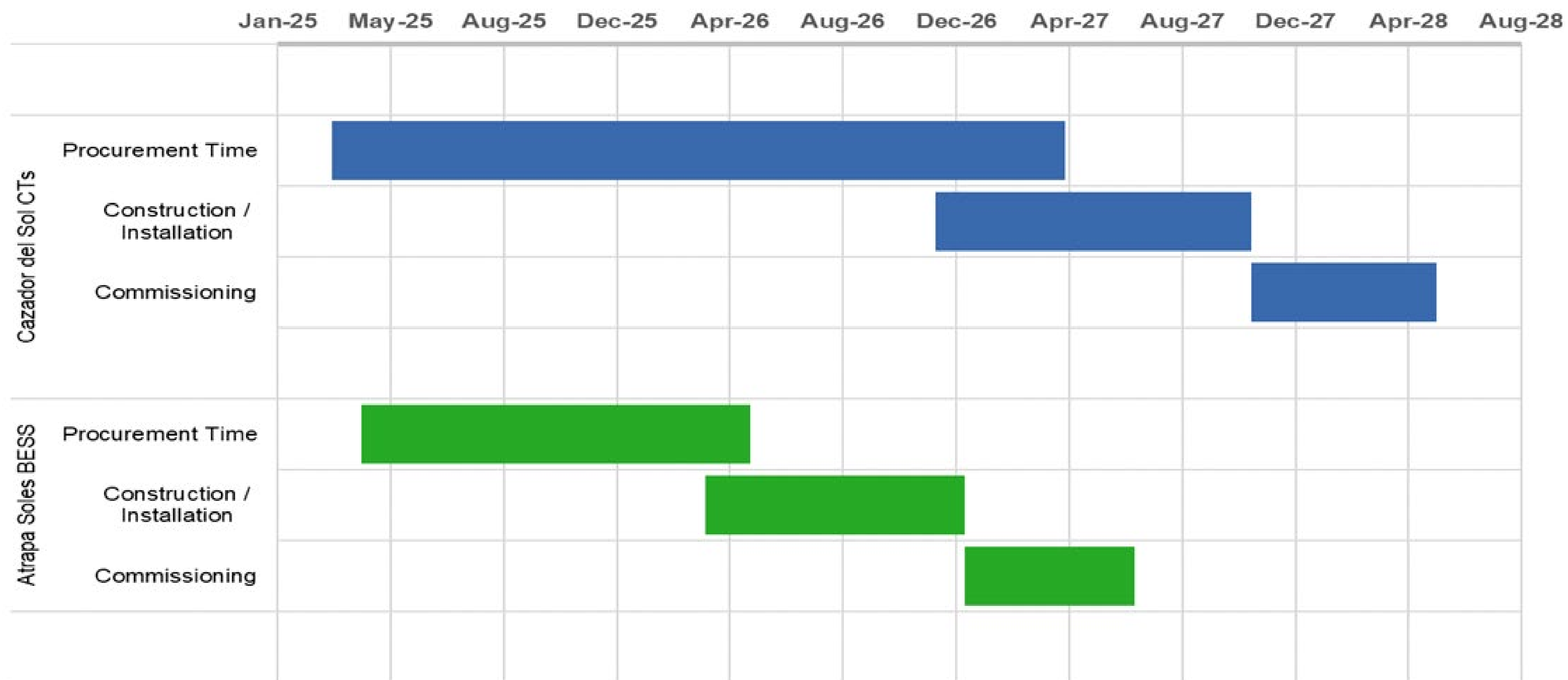


SRP Demand Forecast

Load Forecast Continues to Trend Higher



General Project Timeline (Post NTP)



Two Projects - One Clear Focus

Achieve Sustainability Goals with Reliable and Efficient Capacity.

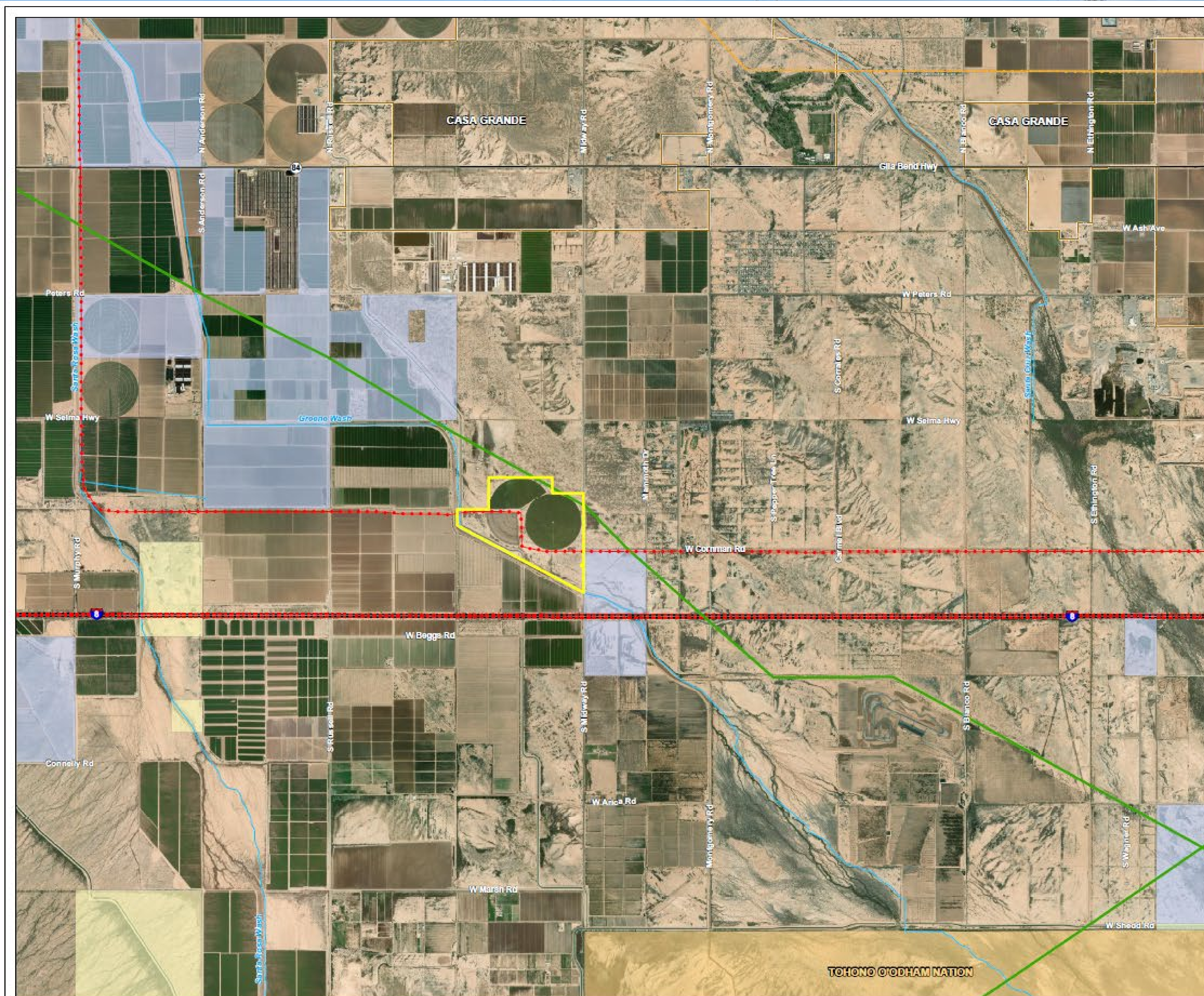
- ✓ Accommodates Renewable Energy Integration;
- ✓ Promotes the transition to electric vehicles;
- ✓ Compliments the Retirement of Coal Generation; and
- ✓ Responsibly Meets Local Energy Supply Requirements.











Project Overview

- Two quick deployment capacity and energy Projects
- Proven, safe, reliable and efficient electric generation capacity to accommodate:
 - increasing electrical demand;
 - renewable resource integration;
 - Electric vehicle transition;
 - coal retirements in the region;
- 335 acres site in Pinal County (Projects footprint requires less than 150 acres)
- Interconnection to the 500 kV Duke – Pinal Central transmission line, which crosses the property for reliable deliverability to SRP, TEP and rural Arizona load centers.

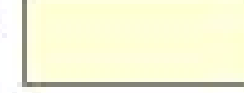
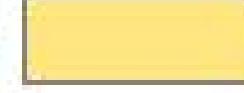




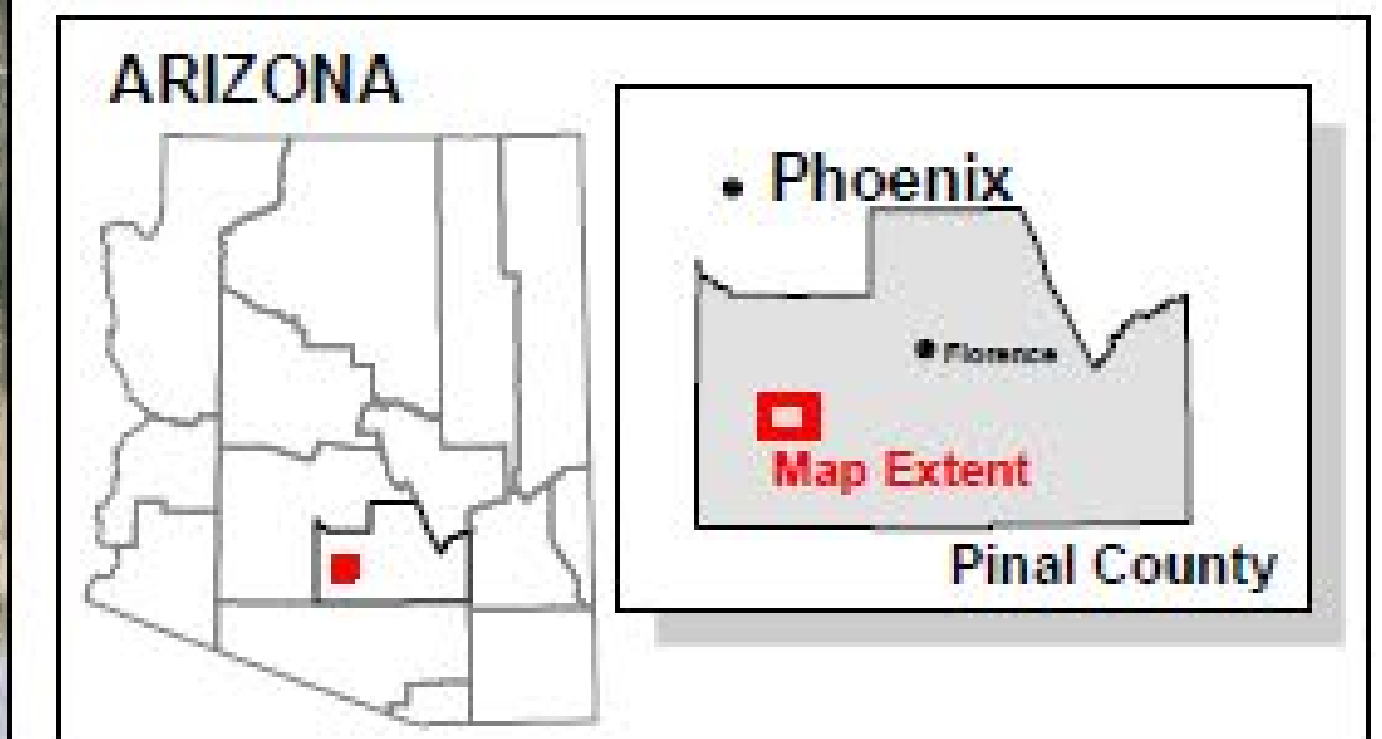
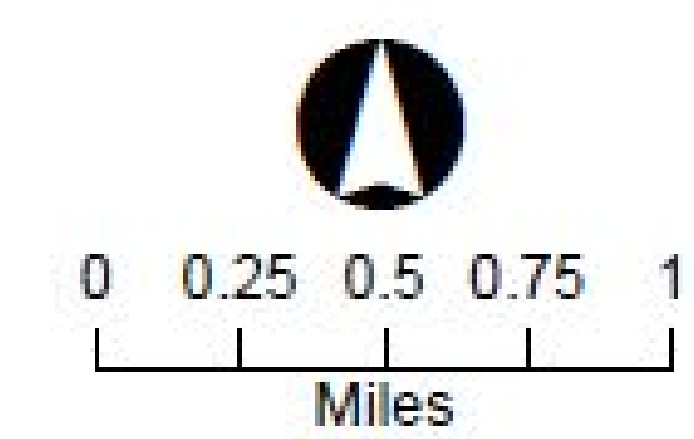


Legend

-  Existing 500kV Transmission Line
-  Existing 115kV Transmission Line
-  Existing Natural Gas Pipeline
-  Interstate Highway
-  State Highway
-  Stream / Wash
-  Municipal Boundary
-  Proposed Project Bella Site

Jurisdictional Land Ownership

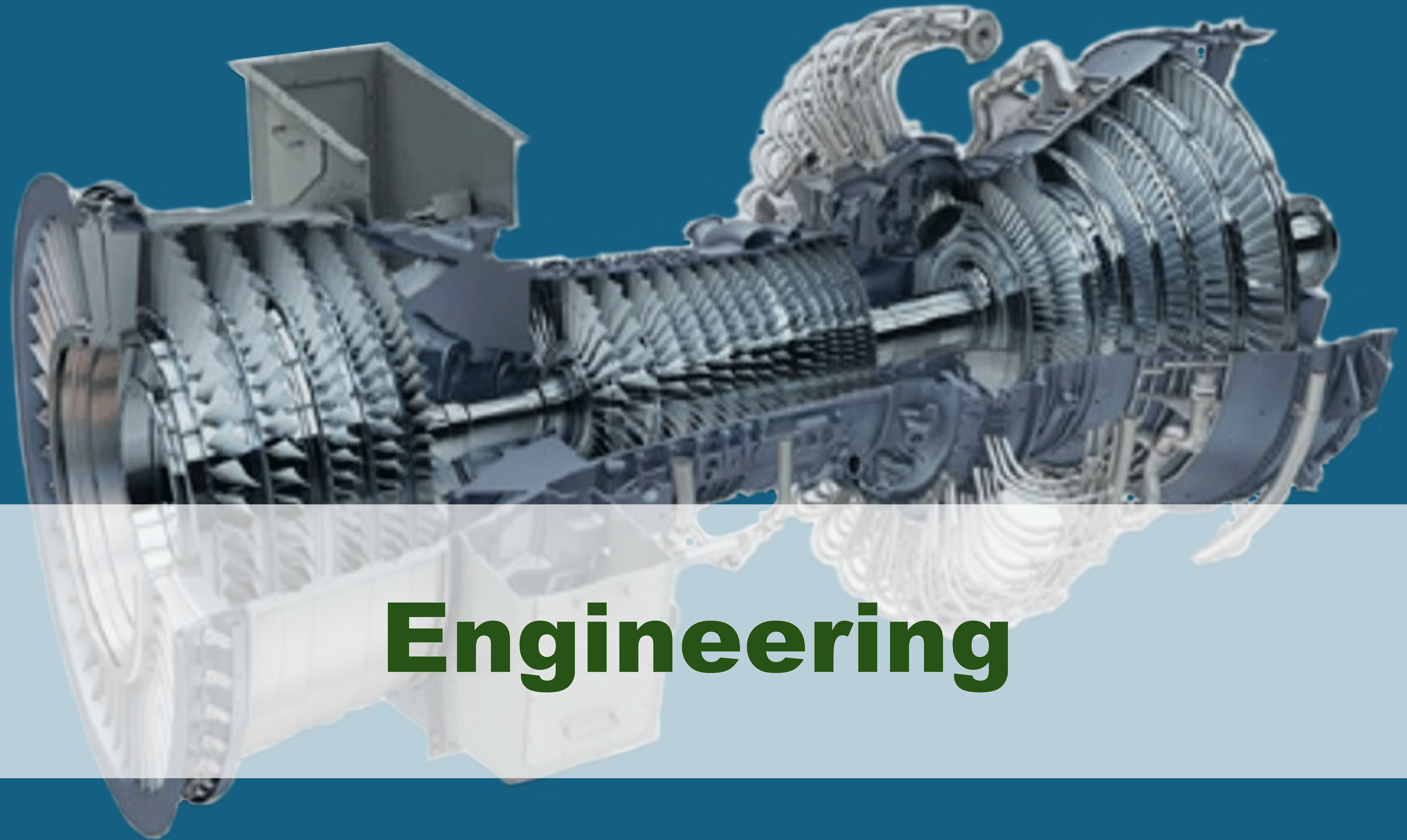
-  Bureau of Land Management Land
-  Tribal Land
-  State Land
-  Private Land (no shading)



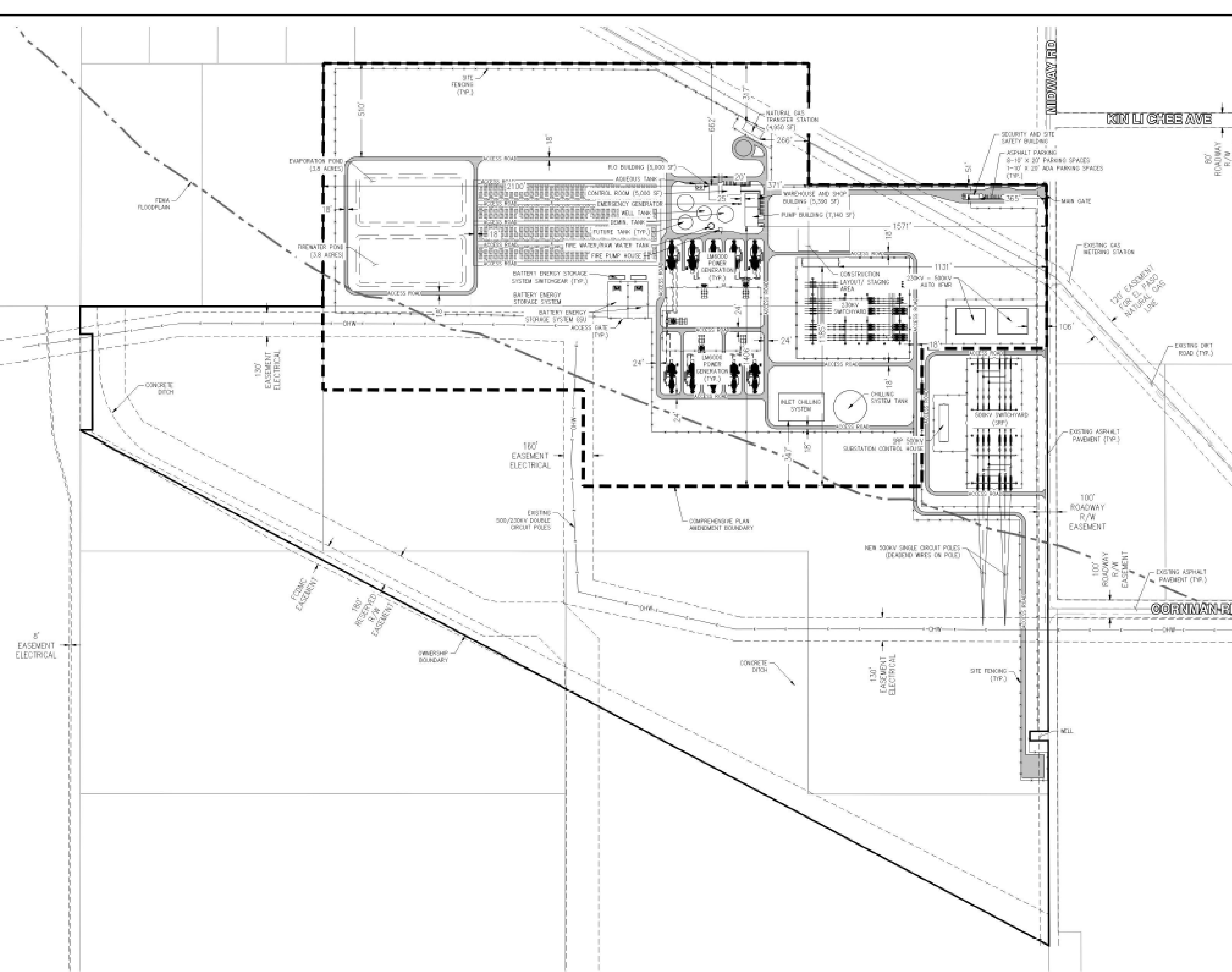
PROJECT
bella

PROJECT OVERVIEW

PROJECT
bella

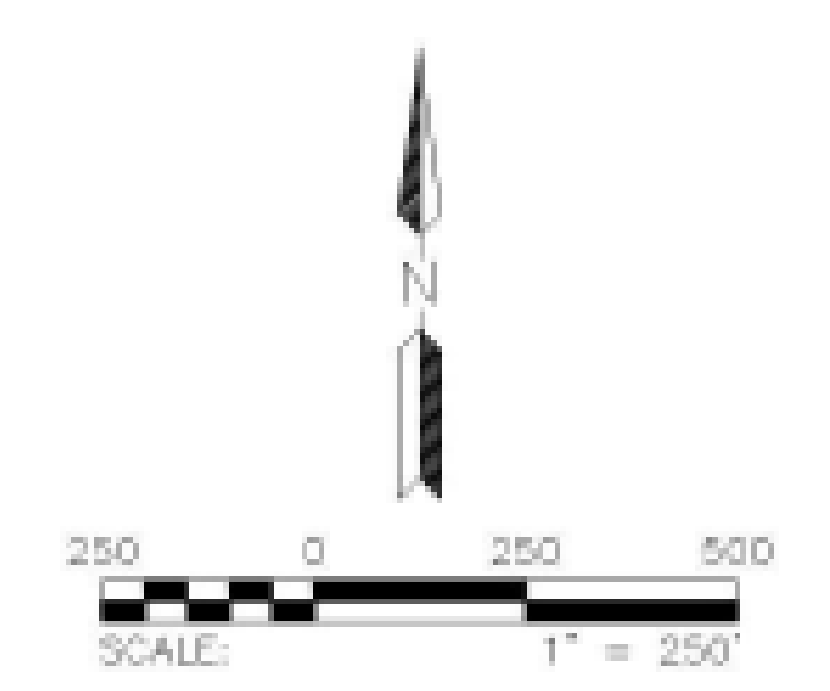


Engineering



LEGEND

COMPREHENSIVE PLAN AMENDMENT BOUNDARY	---
OWNERSHIP BOUNDARY	---
FEMA FLOODPLAIN	---
ADJACENT PROPERTIES	---
BARB WIRE FENCE	---
EASEMENT LINE	---
ELECTRICAL	---
NATURAL GAS	---
RIGHT-OF-WAY	R/W
OVERHEAD WIRE	OHW



PLAN NAME
PROJECT BELLA
 N.W.C. OF INTERSTATE 8 & MIDWAY ROAD
 CONCEPTUAL SITE PLAN (ZOOM VIEW)

ENGINEER INFORMATION

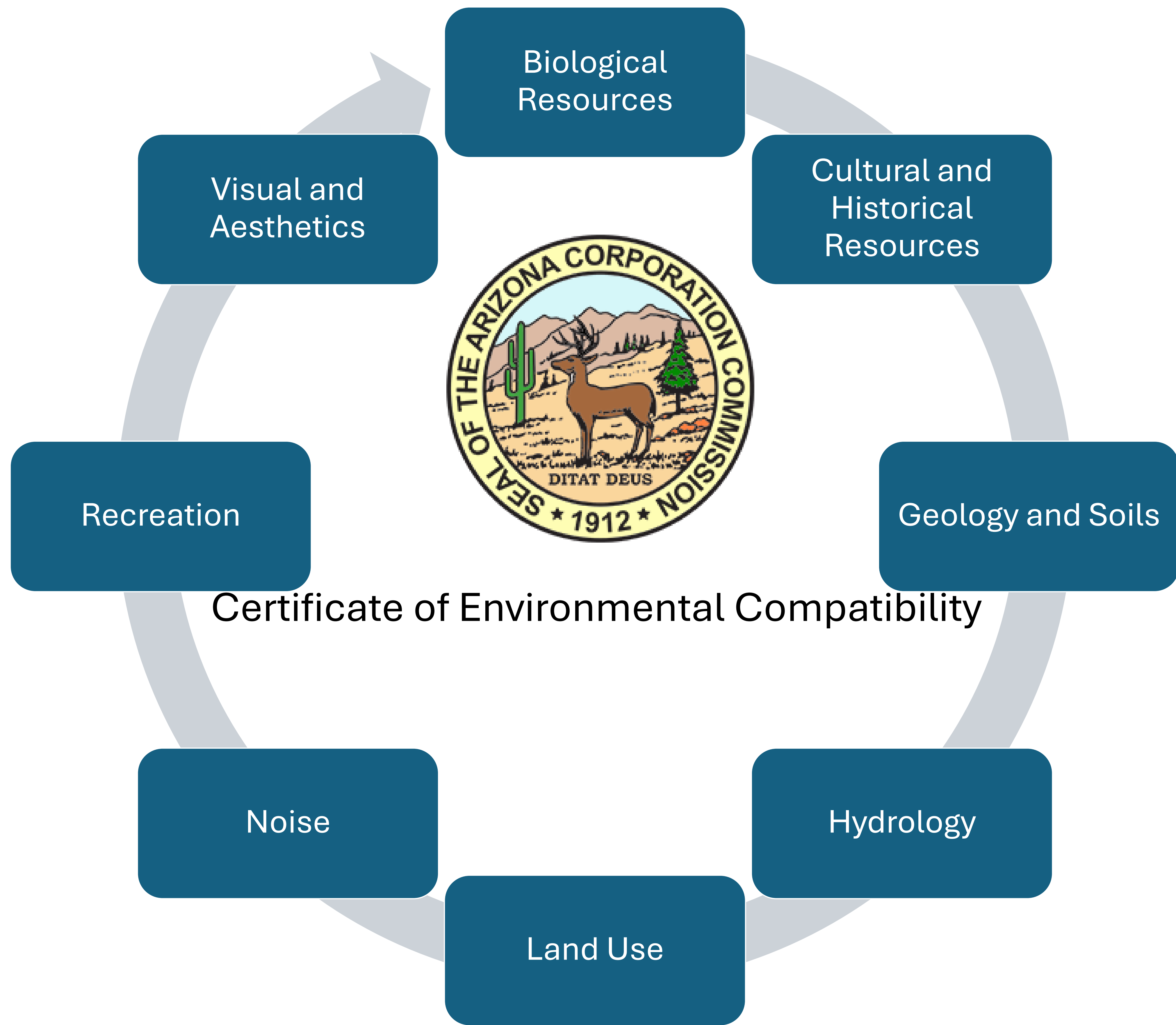
HILGARTWILSON
 LAND SURVEYING, ENGINEERING & DESIGN

ORIGINAL PLAN DATE	-	
DRAWING SCALE	1" = 250'	LATEST REVISION DATE
PROJECT NUMBER	20-45	SHEET NUMBER
		SHT. 4
		OF 4
		SUBMITTAL

PROJECT
bella

**Environmental and
Regulatory**

Statutory Requirements: Environmental



Next Steps

Arizona Corporation Commission (ACC)

Transmission Line Siting Committee Process

- File CEC Application
- Siting Committee Public Hearings
 - August 12-16, 2024
 - Francisco Grande Hotel and Golf Resort
 - *Special Public Comment Session will be held*
- ACC Public Hearings (minimum 30 days after Siting Committee Decision)



For More Information:

- **Project Information Line**
 - 1-833-815-4853
- **Project Website**
 - <https://projectbellaaz.com/>
- **Project Social Media**
 - <https://www.facebook.com/ProjectBellaAZ>
- **Open Houses**
 - Virtual Open House April 29th
 - In-Person Open House April 30th
 - Francisco Grande Hotel and Golf Resort, 4:30-6:30 PM
 - Virtual Open House June/July TBD
 - In-Person Open House June/July TBD
 - Francisco Grande Hotel and Golf Resort
- **ACC Siting Committee Hearings**
 - August 12-16th, 2024
 - Francisco Grande Hotel and Golf Resort
- **ACC Public Hearings**
 - Minimum 30 days after the ACC Committee Hearings



PROJECT
bella

Questions and Answers

Questions & Answers

- Use the Q&A Feature to type in questions.
 - Ask questions throughout the presentation.
 - We will respond to as many questions as possible.
-
- Project Information Line
 - 1-833-815-4853
 - Project Website
 - <https://projectbellaaz.com/>
 - Project Social Media
 - <https://www.facebook.com/ProjectBellaAZ>

Click "Q&A" at bottom of screen

