

Main Terminal Improvement Program – Emergency Power

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Project Purpose & Objectives

- The Main Terminal Improvement Program – Emergency Power (MTIP) will provide emergency power to the Main Terminal and Concourses B, C, and D. The emergency power is required by code and drives the smoke control systems of the Main Terminal and concourses, ultimately improving the safety of the airport.
- This Sustainability Framework Tier One project is electrical in nature and due to its emergency use condition, is driven by National Electric Code requirements.
- The project requests to move forward to 30% design at a cost of **\$7M**. At completion of 30%, the team will be back to ask for the remaining amount.

Project Scope



Southern edge of the garage, with potential generator routes shown in red dash.

The project will provide two (2) 3MW generators adjacent to the parking garages' southernmost helix.

Project Scope



Existing North and South service point routes show in green.

The project will deliver power loads from the South Main Service Point (SMS) and another from the North Main Service Point (NMS).

Project Scope



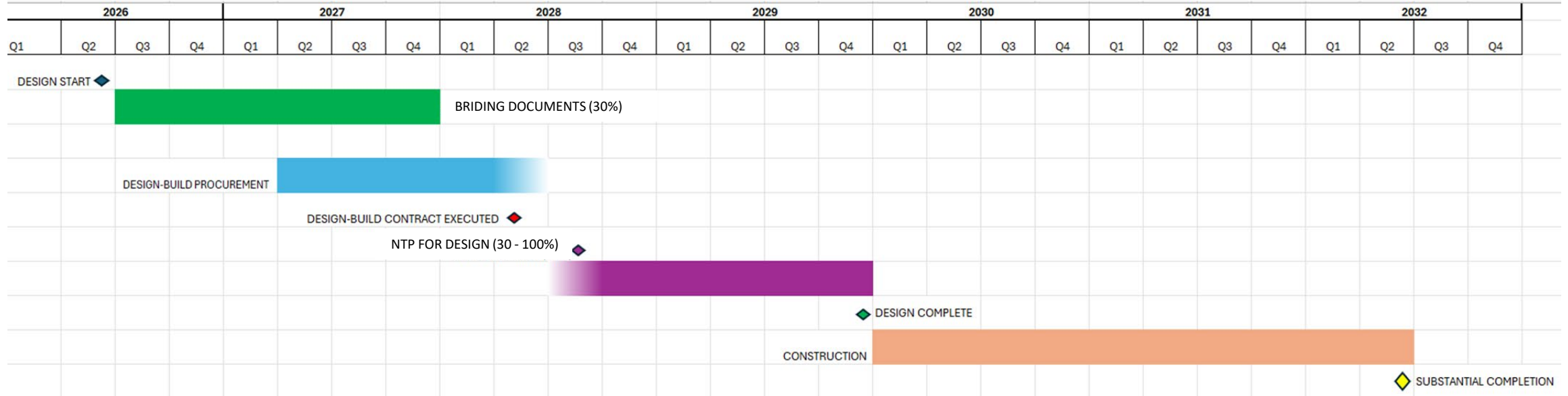
Generators (yellow).



Generator (green).

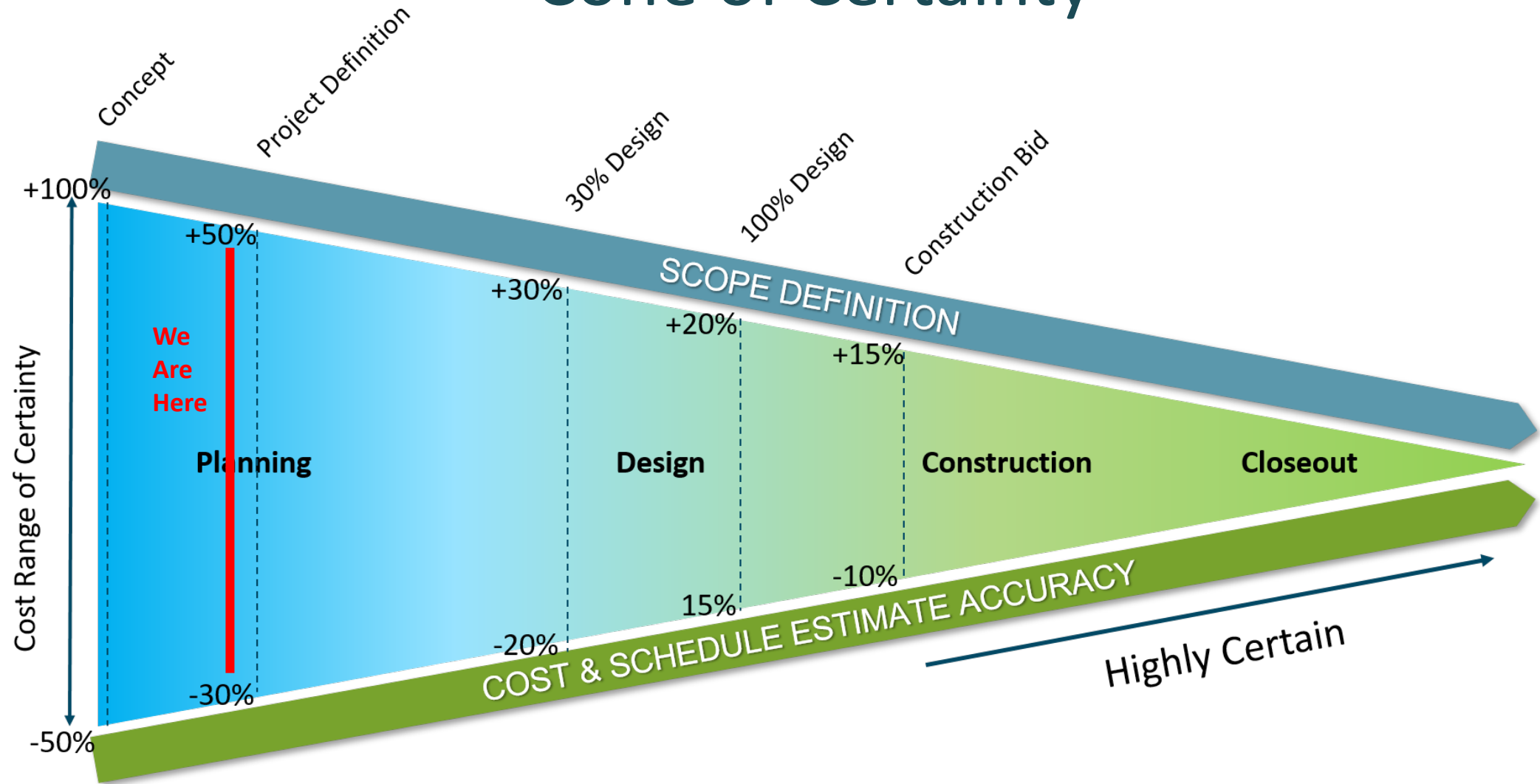
The project will remove decommissioned generators and install new distribution centers.

Schedule Overview



Delivery Method:
Design Build

Cone of Certainty



Action Requested

- Commission authorization for \$7,000,000 to complete 30% design of this project.

Questions?