



# *Hurlburt Field Installation Overview*

## **Description:**

- Hurlburt Field is United States Air Force Installation in Okaloosa County, Florida. The installation is nearly 6,700 acres and is occupied by more than 8,600 active military staff and 4,300 civilian personnel.
- Home Headquarters Air Force Special Operations Command (AFSOC)

## **General Notes:**

- Located on Eglin Air Force Base Reservation Property
- Electrical power is purchased from and provided by Florida Power and Light (FPL).





# Hurlburt Field Electrical Infrastructure

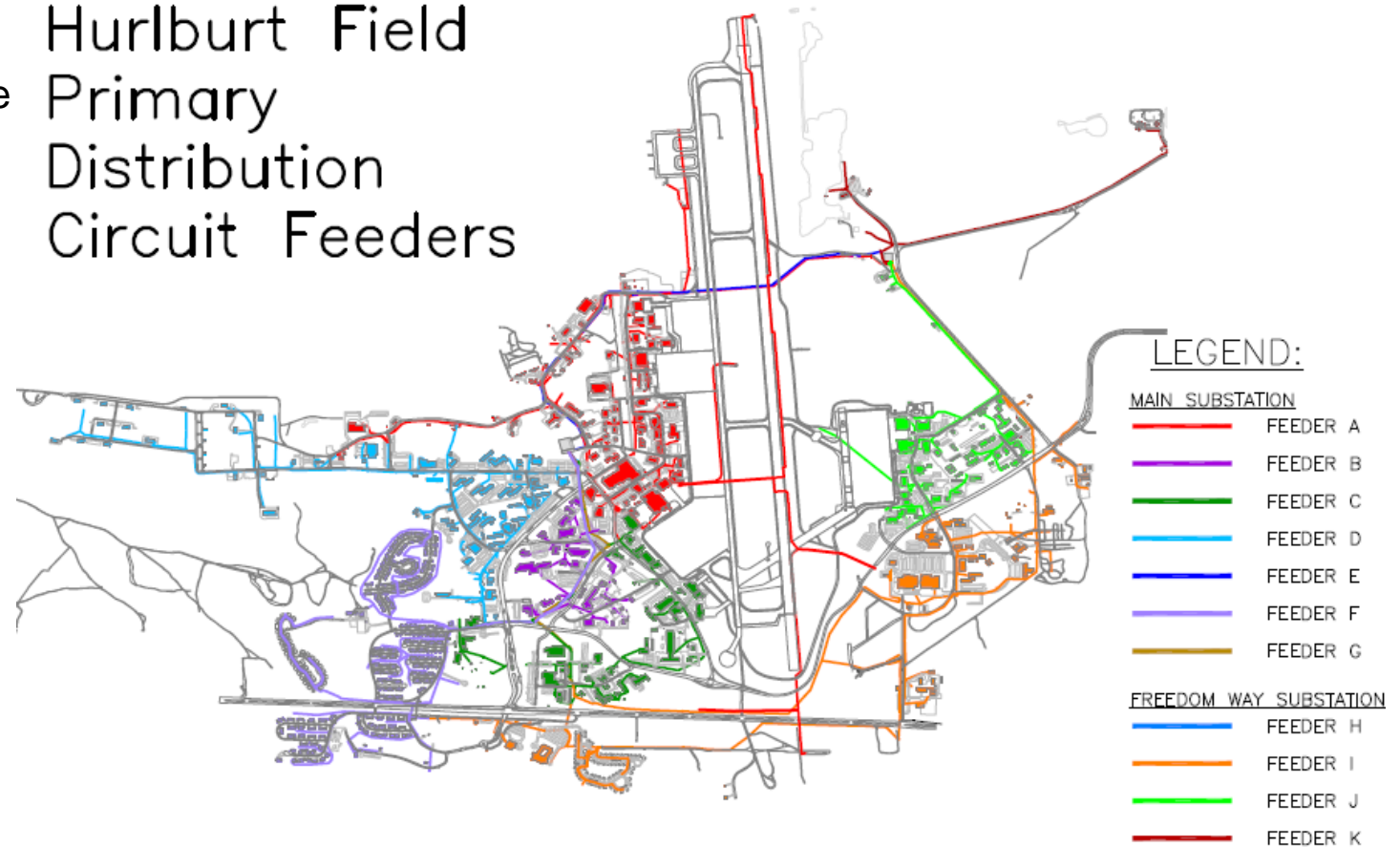
## Description:

- FPL provides two separately sourced incoming transmission lines (115 kV) that feed two separate on-site substations:
  - Main Substation
    - 7 feeders
  - Freedomway Substation
    - 4 feeders

## Installation Distribution System:

- 12.47 Kv
- Owned and maintained by the host wing
- The two substations on the installation have 28,000 kVA transformers with a total capacity of 56 MW, and average demand of 11.7 MW and a peak of 22 MW.

## Hurlburt Field Primary Distribution Circuit Feeders





# Electric Vehicle Pilot Program

## Scope:

- Design and construct Electric Vehicle Supply Equipment (EVSE) infrastructure improvements and installation, compliant with applicable codes. Procure EV Charging Stations.

## General Notes:

- Executive Order 14008 - Outlines the importance of and places significant emphasis on climate change initiatives being launched across the government.
- Executive Order 14057 - Sets goals including 100 percent zero-emission vehicle acquisitions by 2035, which will also entail deploying zero-emission vehicle re-fueling infrastructure for the Federal Fleet.
- The Pilot Program at Hurlburt Field includes:
  - **32 Sites**
  - **49 EV Charging Stations**

SITE 1: PROPOSED CHARGING AREA LAYOUT – Building Cluster 90210



LEGEND	EXIST. POWER SOURCE	SECONDARY RUN	Proposed # of Chargers – 1	Electrical Room
	NEW TRANSFORMER	EV SPACES	# of EV transition – 5	Buildings – 90210



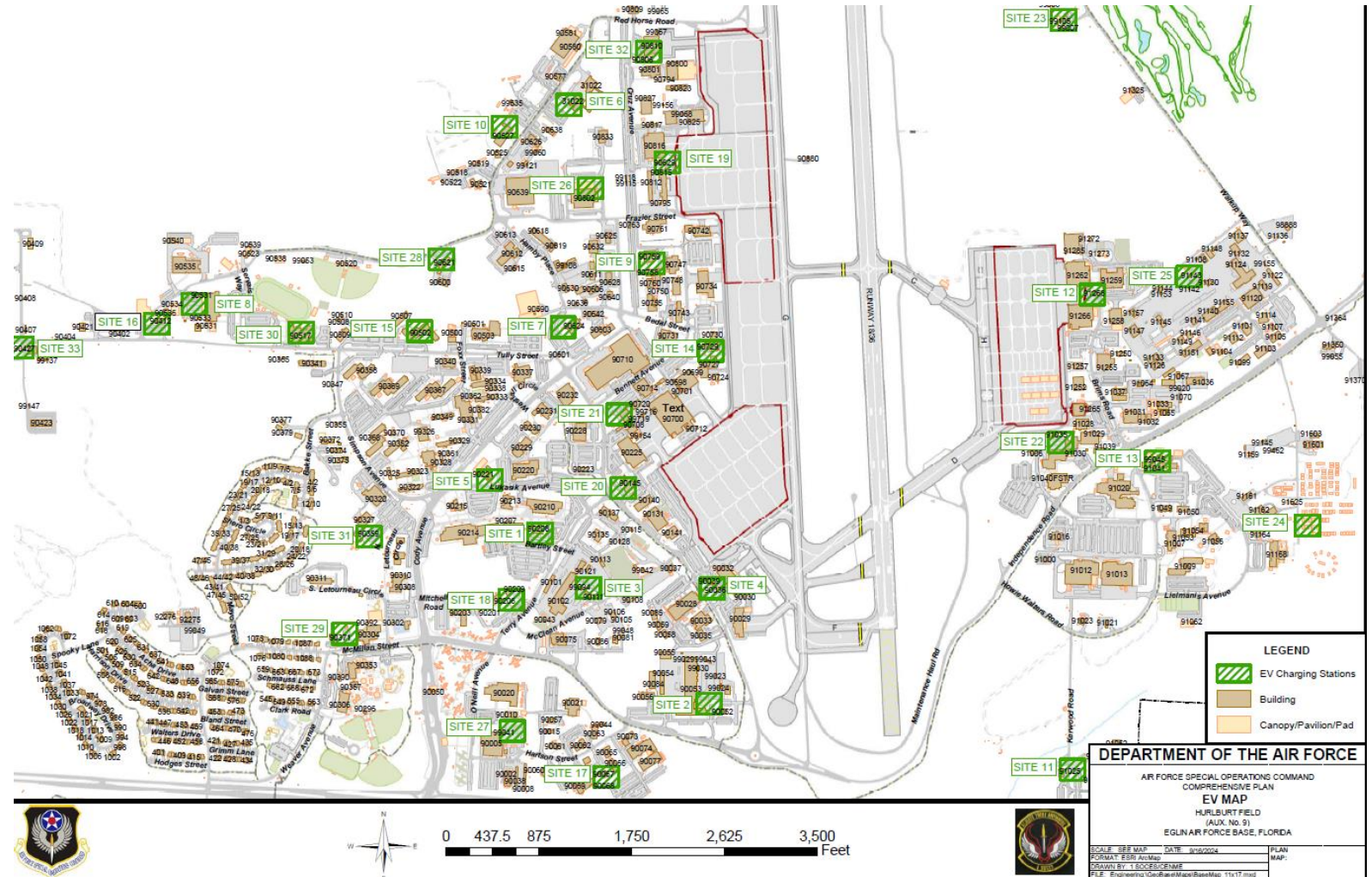
# Electric Vehicle Pilot Program

## Two Contracts:

- Design-Build EVSE Contract
- EV Charging Station Procurement Contract

## Lessons Learned:

- Charging as a Service
  - POV/GOV
- Communication is Key
  - LRS
  - GSA
  - Local Designers and Contractors
  - Installation Representatives
  - Installation Leadership





# Questions

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*Any Time...Any Place*