Casa Grande Carmel Solar Park

EDP Renewables North America

Cecilia Chiu, Development Project Manager II

MCPA Presentation – Pinal County

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EDPR NA Footprint

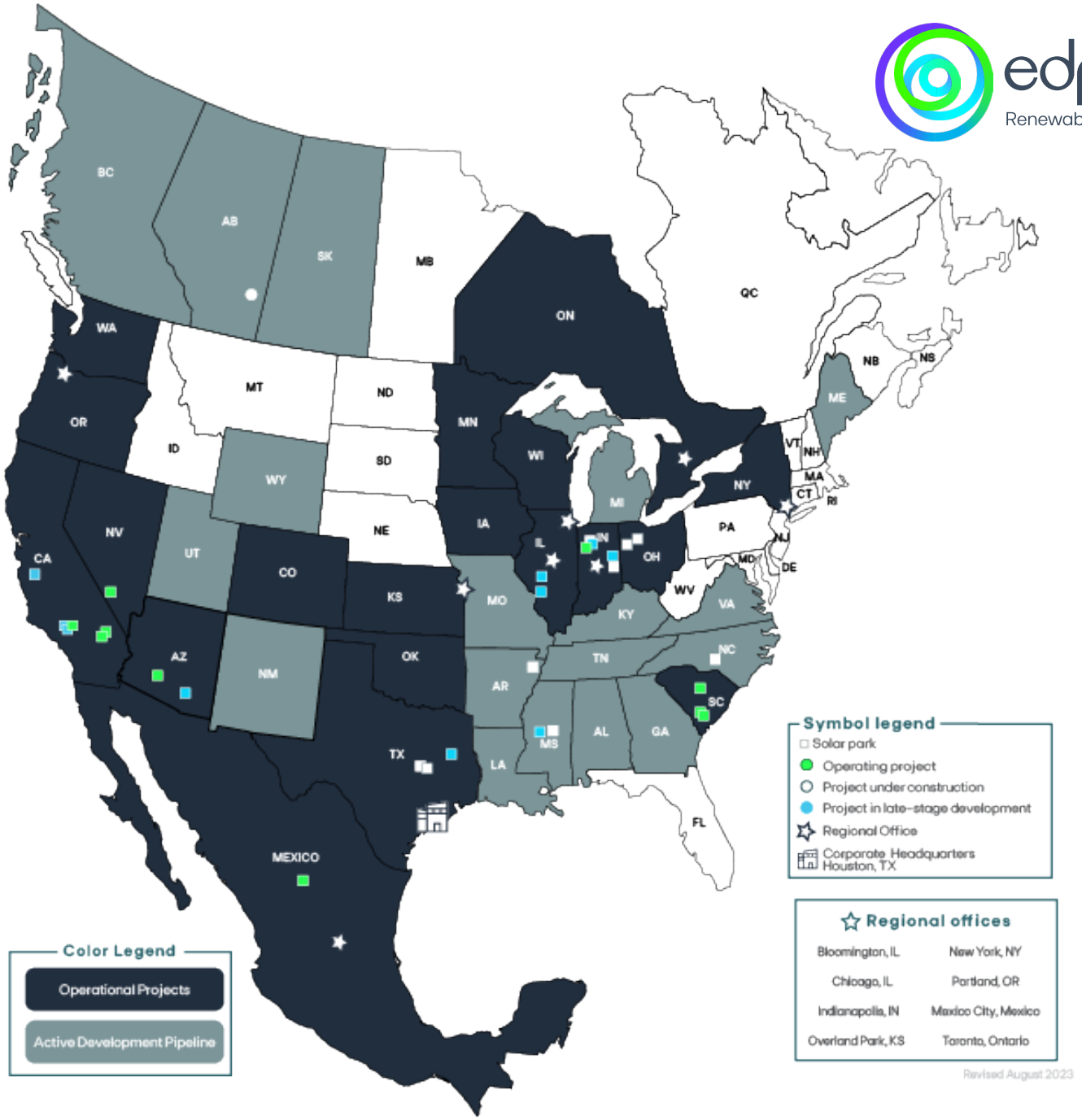
20+ Years of experience

3,300+ Turbines in operation

>247M Hours of operational history

EDPR NA projects represent an estimated **$17 billion in capital investment.**

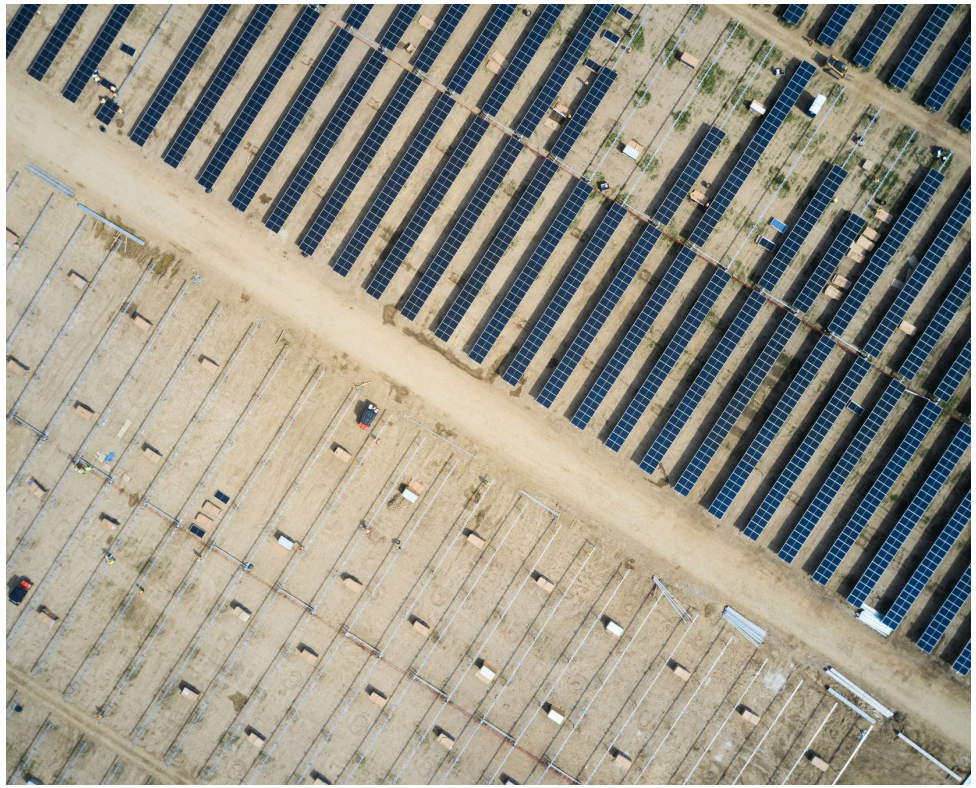
EDPR NA projects have paid more than **$327 million to local governments** through 2020.



EDPR History in Arizona

Brittlebush Solar Park
Pinal County, Arizona
Anticipated COD: 2024

200 MW

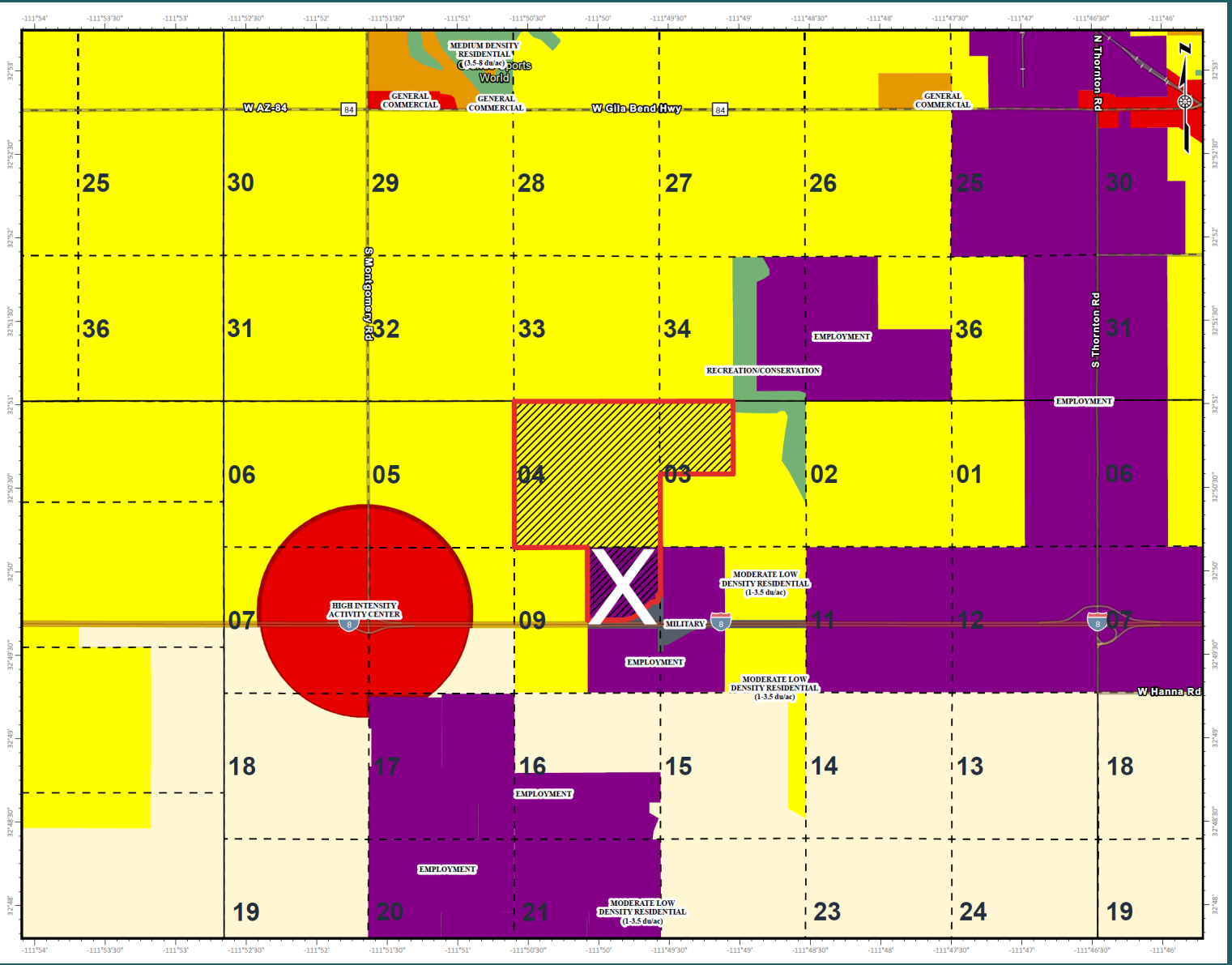


Sun Streams Solar Park
Maricopa County, Arizona
Online since 2019

158 MW

Existing Comprehensive Plan Map

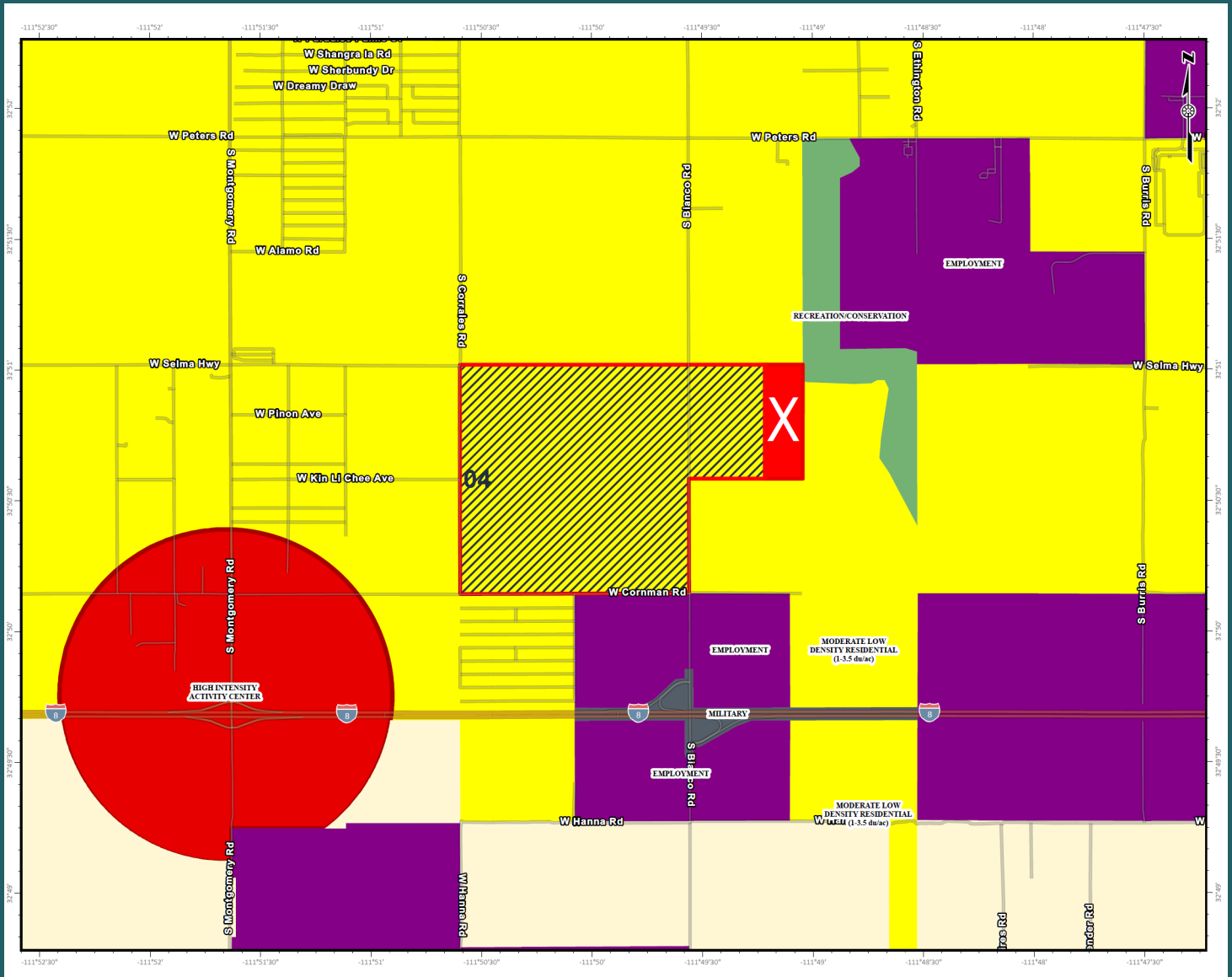
Casa Grande Carmel Solar Park – Originally requested 954 acres for Green Energy Production



- Casa Grande Carmel Solar Park - Revised MCPA Project Area
- Very Low Density Residential (0-1 du/ac)
- Moderate Low Density Residential (1-3.5 du/ac)
- Medium Density Residential (3.5-8 du/ac)
- General Commercial
- Employment
- Recreation/Conservation
- Military
- High Intensity Activity Center

Existing Comprehensive Plan Map

Casa Grande Carmel Solar Park – Reduced request to 805 acres for Green Energy Production at P&Z



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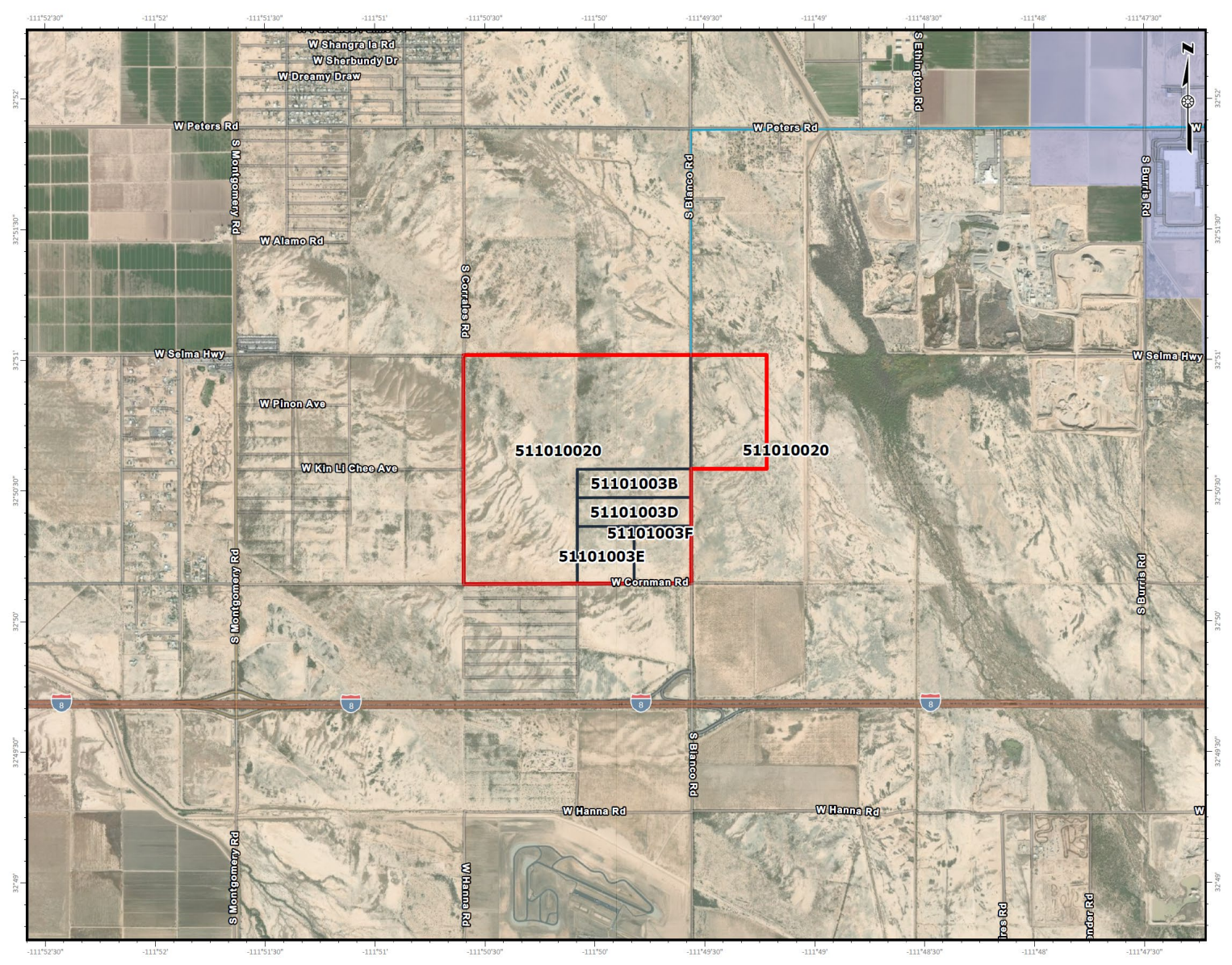
Comprehensive Plan Amendment Private Properties

Casa Grande Carmel Solar Park – 750 acres

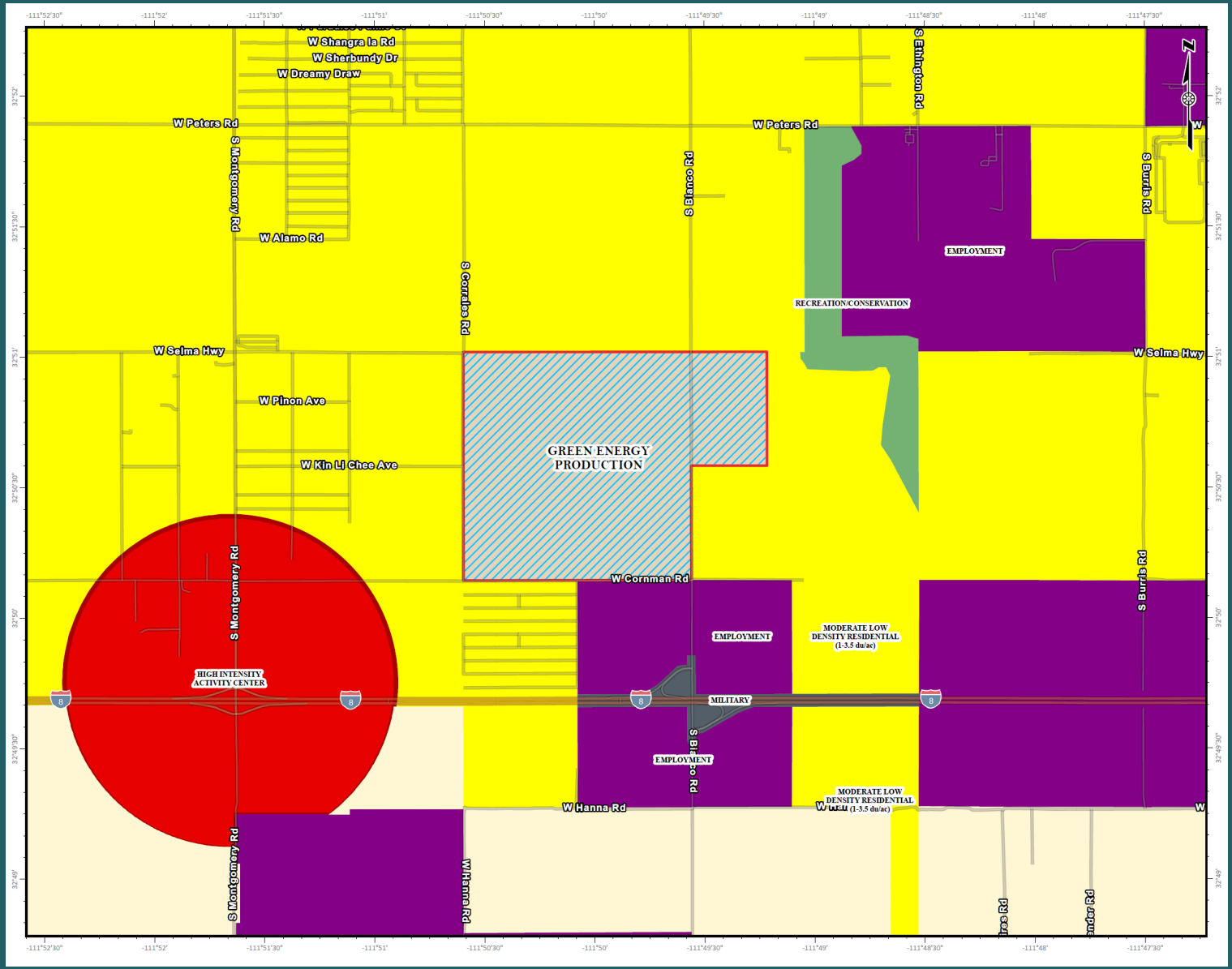


Casa Grande Carmel Solar Park - Revised MCPA Project Area

Casa Grande City Limits

Proposed Comprehensive Plan Map

Casa Grande Carmel Solar Park – Reduced request from 955 acres to 750 acres for Green Energy Production



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- Military
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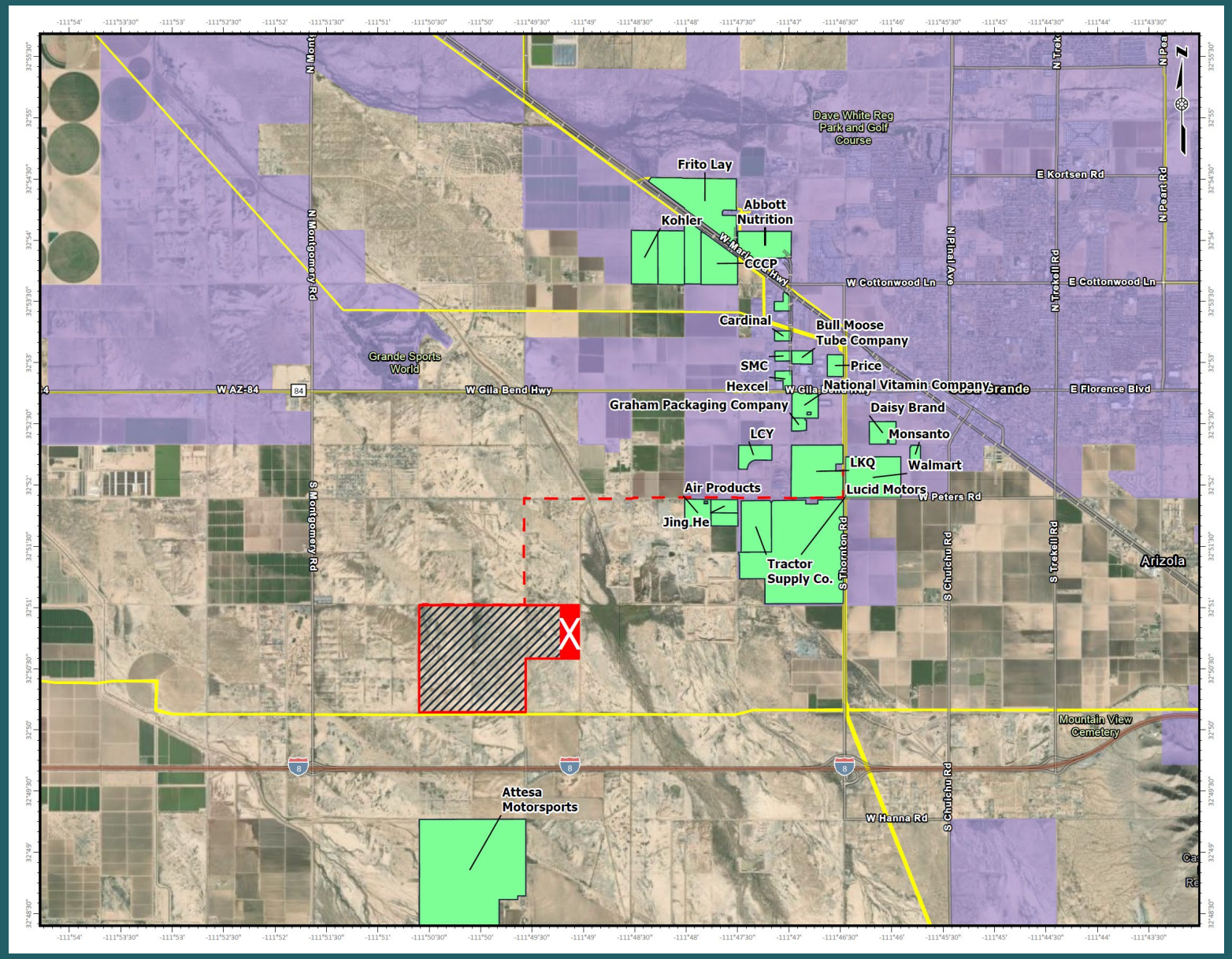
- Green Energy Productiom
- Casa Grande City Limits

Commercial Overview

Casa Grande Carmel Solar Park



- Casa Grande Carmel Solar Park -MCPA Project Area
- Point of Interconnection
- Planned Transmission Line
- Casa Grande City Limits
- Commercial & Industrial Centers
- Electric Transmission Lines

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Thank You!

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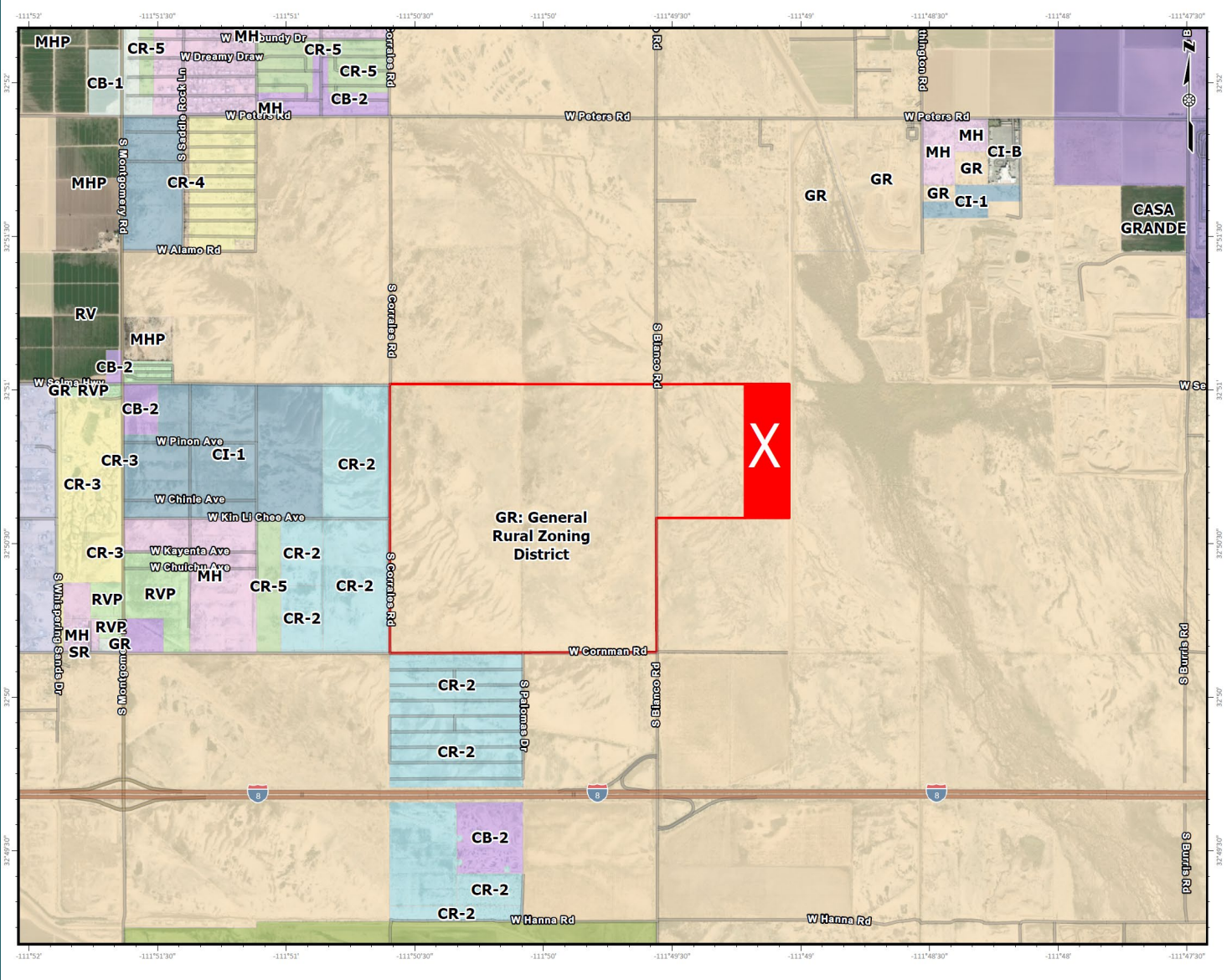
Zoning Map

Casa Grande Carmel Solar Park



Casa Grande Carmel Solar Park - MCPA Project Area

Casa Grande City Limits

Zoning(Color)

- CB-1 Local Business Zoning District
- CB-2 General Business Zoning District
- CI-1 Light Industry and Warehouse Zoning District
- CR-2 Single Residence Zoning District
- CR-3 Single Residence Zoning District
- CR-5 Multiple Residence Zoning District
- GR General Rural Zoning District
- MH Manufactured Home Zoning District
- MPCMP Multi-Purpose Community Master Plan Zoning District
- RVP Recreational Vehicle Park Zoning District
- SR Suburban Ranch Zoning District