

Pinal County, Arizona

Casa Grande Carmel Solar Park is a solar facility two miles outside of Casa Grande city limits. The project is sited at the intersection of West Cornman Road and South Bianco Road, north of Interstate 8 and roughly 1.5 miles west of Lucid Motors Factory. The solar park would complement the area's desert landscape while harnessing the region's abundant sun.







Casa Grande Carmel Solar Park's generation will be equivalent to the average consumption of more than **16,700 Arizona homes**.<sup>1</sup>



Casa Grande Carmel will save approximately **50 million gallons** of water each year and would prevent the air pollution that causes smog, acid rain, and climate change.<sup>2</sup>

## Economic benefits



CAPITAL INVESTMENT3

**Approximately \$150 million** 



Millions of dollars

WILL BE PAID TO LOCAL GOVERNMENTS



Millions of dollars

WILL BE PAID TO LANDOWNERS



Millions of dollars

WILL BE SPENT LOCALLY<sup>4</sup>



PERMANENT JOBS<sup>5</sup>

Up to 5 permanent jobs will be created



CONSTRUCTION JOBS<sup>5</sup>

Up to 200 construction jobs will be created





Casa Grande Carmel Solar
Park will consist of **thousands of state-of-the-art**, **single- axis tracking PV panels**.



Power generated at Casa Grande Carmel Solar Park will **support the state of Arizona's electric grid.** 



Casa Grande Carmel will help strengthen the energy security for the state of Arizona and the United States, helping diversify domestic supply.



In the first three quarters of 2023, solar energy comprised of **48% of all new generating capacity**.<sup>6</sup> EDP Renewables North America LLC (EDPR NA), its affiliates, and its subsidiaries develop, construct, own, and operate wind farms, solar parks, and energy storage systems throughout North America. Headquartered in Houston, Texas, with 60 wind farms, 12 solar parks, and eight regional offices across North America, EDPR NA has developed more than 9,600 megawatts (MW) and operates more than 8,900 MW of onshore utility–scale renewable energy projects. With more than 1,000 employees, EDPR NA's highly qualified team has a proven capacity to execute projects across the continent.

EDPR NA is a wholly owned subsidiary of EDP Renewables (Euronext: EDPR), a global leader in the renewable energy sector. EDPR is a global leader in renewable energy development with a presence in 28 regions in Europe, North America, South America and Asia–Pacific. With headquarters in Madrid and leading regional offices in Houston, São Paulo and Singapore, EDPR has a sound development portfolio of top–level assets and market–leading operating capacity in renewable energies. Particularly worthy of note are onshore wind, distributed and large–scale solar, offshore wind (OW – through a 50/50 joint venture), and technologies to complement renewables such as storage and green hydrogen.

EDPR's employee-centered policies have received recognition such as Top Workplaces 2023 in the USA, Top Employer 2023 in Europe (Spain, Italy, France, Romania, Greece, Portugal and Poland) Colombia and Brazil, and are also included in the Bloomberg Gender-Equality Index.

EDPR is a division of EDP (Euronext: EDP), a leader in the energy transition with a focus on decarbonization. Besides its strong presence in renewables (with EDPR and hydro operations), EDP has an integrated utility presence in Portugal, Spain and Brazil including electricity networks, client solutions and energy management.

EDP – EDPR's main shareholder – has been listed on the Dow Jones Index for 16 consecutive years, recently being named the most sustainable electricity company on the Index.

For more information, visit www.edpr.com/north-america.





## Casa Grande Carmel Solar Park Western Regional Office

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 $<sup>^{1}</sup>Power generation\ calculated\ using\ a\ 35\%\ capacity\ factor.\ Household\ consumption\ based\ on\ the\ 2018\ EIA\ Household\ Data\ monthly\ average\ consumption\ by\ state.$ 

 $<sup>^2</sup>$ Assumes 0.58 gallons of water consumed per kWh of conventional electricity from Lee, Han, & Elgowainy, 2016.

<sup>&</sup>lt;sup>3</sup> Assumes the average cost of an installed solar photovoltaic system is \$0.90/watt for a utility-scale project. Based on 2019 SEIA U.S. Solar Market Insight.

<sup>&</sup>lt;sup>4</sup>Includes vendor spending, property taxes, landowner payments and wages from site jobs.

<sup>&</sup>lt;sup>5</sup>Full-time equivalent jobs calculated by dividing number of contractor hours worked during construction by 2080.

<sup>&</sup>lt;sup>7</sup>Based on Solar Energy Industries Association, Solar Data Cheat Sheet, 2023.