

# Amalia II Solar & Battery Facility

## March 2024 Factsheet & Project Status

### Project Description

Kit Carson Electric Cooperative (KCEC) executed a Power Purchase Agreement (“PPA”) for a 8.75 MW solar array with 8.75 MW / 17.5 MWh of battery storage. Named Amalia II, the renewable energy facility will be constructed in Amalia, NM. The Amalia II solar with battery storage site is targeted for completion in the second quarter of 2025. The first phase, Amalia I, began commercial operations in May 2012 and provides 1.25 MW of solar power generation. The Amalia II facility will be the second largest solar facility, which will put KCEC local solar power generation footprint to approximately 50 MW.

### Project Status

The Amalia II Facility - A Power Purchase Agreement (PPA) has been signed by KCEC and Luminace. Working on finalizing labor and construction contracts.

### KEY FACTS

<b>Size of PV Array AC :</b>	8.75 MW	<b>Location</b>	Amalia, NM
<b>Number of Panels:</b>	22,000	<b>Partners</b>	Guzman, Rio Costilla Cooperative Livestock Association, Luminace, UNM-Taos
<b>Size of Battery Storage:</b>	8.75 MW	<b>Fund Type</b>	Purchase Power Agreement
<b>Battery Duration:</b>	17.5 MWh ( 2 hour duration)	<b>Resource Links</b>	
<b>Project Start Date</b>	2021	<a href="https://kitcarson.com/wp-content/uploads/2024/02/KCEC-Amalia-2-PPA-Final.pdf">https://kitcarson.com/wp-content/uploads/2024/02/KCEC-Amalia-2-PPA-Final.pdf</a>	
<b>Projected Completion Date</b>	2025	<a href="http://www.luminace.com">www.luminace.com</a>	
<b>Projected Cost</b>	\$27,000,000	<a href="http://www.guzmanenergy.com">www.guzmanenergy.com</a>	
<b>Fixed PPA Term</b>	25 Years		

### Project Milestones & Progress

Milestone	Status	Projected Start	Projected Completion
PPA Signed	Complete	Complete	February 2024
Permits (Planning & Zoning)	In Progress	March 2024	May 2024
Material Purchase & Delivery	In Progress	April 2024	January 2025
Installation and Construction	Started	March 2024	June 2025
Commercial Operation	Finished		June 2025

### Progress of Amalia II Project

