

# The Orchard Renewable Power Project

Yuma County, Arizona

## KNOW THE FACTS

The BrightNight Orchard Renewable Power Project combines the best in energy innovation to deliver broad economic and environmental value to the Yuma community. Our project will feature solar energy generation (a "Solar Farm") co-located with a green hydrogen facility. BrightNight specializes in developing, constructing, and operating renewable power infrastructure such as solar and wind combined with battery energy storage. For the Orchard Renewable Power Project, we're supporting Plug Power, LLC ("Plug") a global leader in green hydrogen production, with a solar and battery power solution to sustainably meet the energy needs of their production facility. Our combined efforts will produce valuable energy for multiple industries and offset millions of metric tons of carbon each year. Together, we look forward to joining the Yuma community, meeting our future neighbors and colleagues, and learning how we can support the region's growth and sustainability goals.

### Who Is BrightNight

- BrightNight is a U.S. based, renewable power company working to provide clean power projects for a decarbonized energy future.
- Our experts have a long professional history with more than 10,000 megawatts of projects installed and operated successfully.
- As an independent power producer, we work to become a part of your community so we can support your region's long-term goals over the life of our project.



We are working with local leaders and community members to develop a **solar farm capable of delivering up to 300-megawatts of clean renewable energy** in Yuma County, AZ.



**Over \$1.2B in economic uplift** to the area. **Over \$50M paid to the ASLD K-12 educational trust** under the project's state-land solar lease agreement. **\$60M in local, state, and property tax revenue.**



Plug is an experienced green hydrogen producer with more than **545 million hours of safe, reliable operations.**



Our proposal represents a private infrastructure investment of **\$500M-\$750M.**



Operating the BrightNight + Plug Renewable Power Project will represent a **98% reduction in water consumption** compared with current alfalfa production in the same location.



Once complete, the Plug facility will produce **30 metric tons of green hydrogen** each day. Enough energy to power 1,000 semi-trucks.



**Over 250 jobs** will be created during construction and **more than 60 long-term careers** will be created to support solar project operations and maintenance and the green hydrogen production process.

### WE'RE ALWAYS HERE TO ANSWER YOUR QUESTIONS!



**Erik Ellis - Vice President of Development** 602.549.4243 | erik@brightnightpower.com  
**Brandon Pollpeter - Director of Development** 417-331-6866 | brandon@brightnightpower.com  
**Elijah Shoemake - Senior Developer** 509-750-8557 | eshoemake@plugpower.com