

PETRIFIED FOREST NATIONAL PARK



Loven Contracting constructed a shade structure with a photovoltaic array.

Location: Petrified Forest National Park, AZ

Markets: Government & Municipal | Historic Preservation | Sustainable Solutions

Originally designed by Richard Neutra and constructed in 1963, Loven Contracting collaborated with the National Park Service to assist the Petrified Forest National Park's transition to more efficient and renewable energy systems. The scope of our construction services included installing a new solar water heater and associated heat exchanger in the Apartment Wing, replacing the existing HVAC system with a PV system, upgrading the main power feed from the transformer, service entrance, and main panel at the School Building, and constructing a shade structure with a photovoltaic array.



The existing air conditioning units were replaced with more efficient models able to better serve the Community Building.

Additional features include more efficient AC models that have audio and video capabilities and a roof-mounted PV system that was tied-in to the existing power system in the Community Building. By installing several different systems to maximize energy usage and promote cost efficiency, the Petrified Forest National Park has made a smooth transition towards using more energy-efficient systems.



Loven Contracting installed a roof-mounted photovoltaic array and tied it into the existing power system.