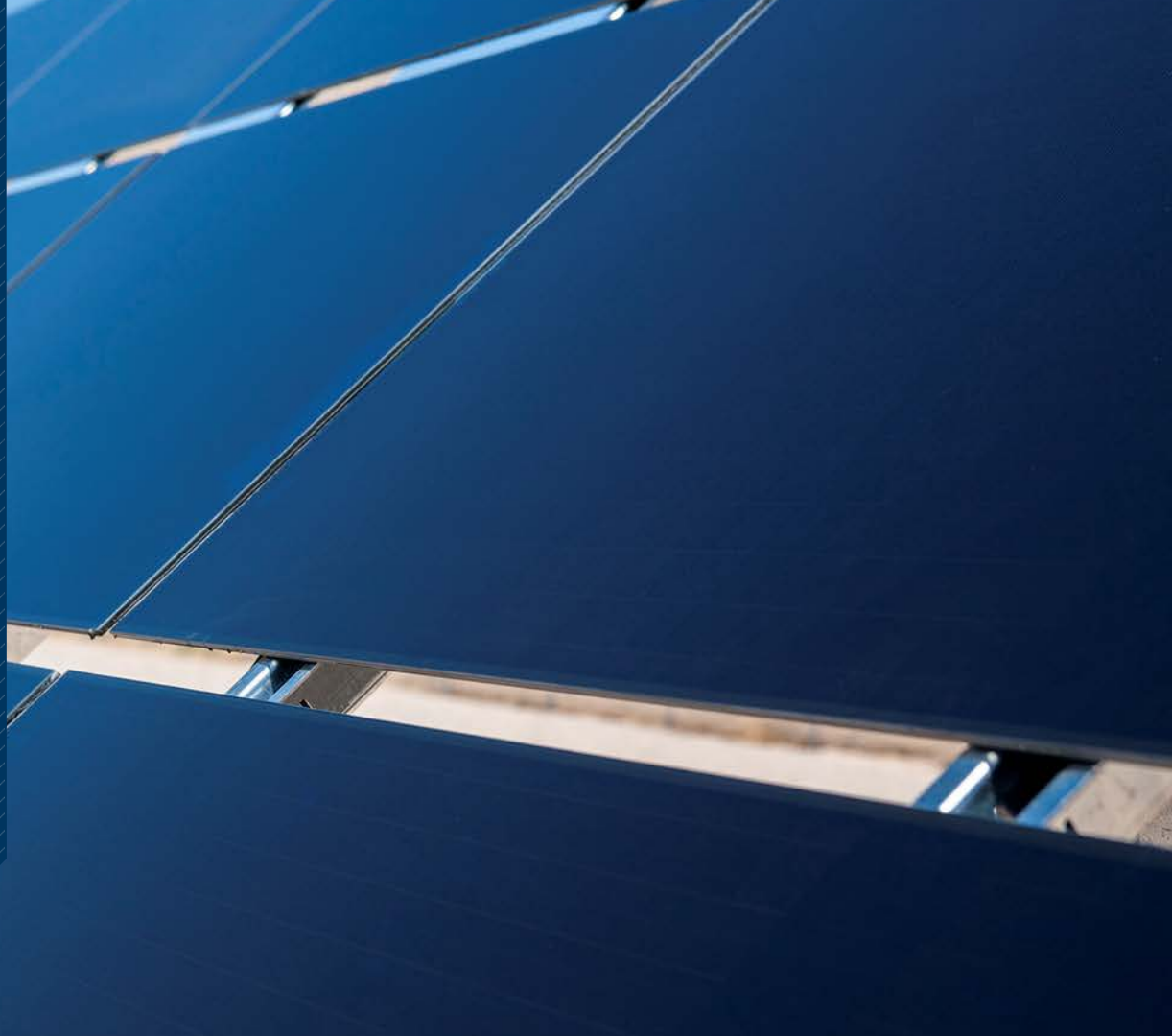


# TRIBAL RENEWABLE ENERGY WORKSHOP SEPTEMBER 7, 2016

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**Tribal Case Studies and  
Lessons Learned - Moapa  
Band of Paiutes**



# MOAPA SOUTHERN PAIUTE SOLAR: FIRST UTILITY-SCALE SOLAR PROJECT ON TRIBAL LAND



**Moapa River Indian Reservation,  
Clark County, Nevada**

**Customer: LADWP**

**Size: 250MW (AC)**

**Construction Time: 2014–2016**

**Modules: ~ 3,209,936 million**

**Homes powered: 100,000**

**Jobs Created: 600**

**Equivalent to: 78,000 MT CO<sub>2</sub> or  
34,000 Cars displaced annually**

## Moapa Southern Paiute Solar Project

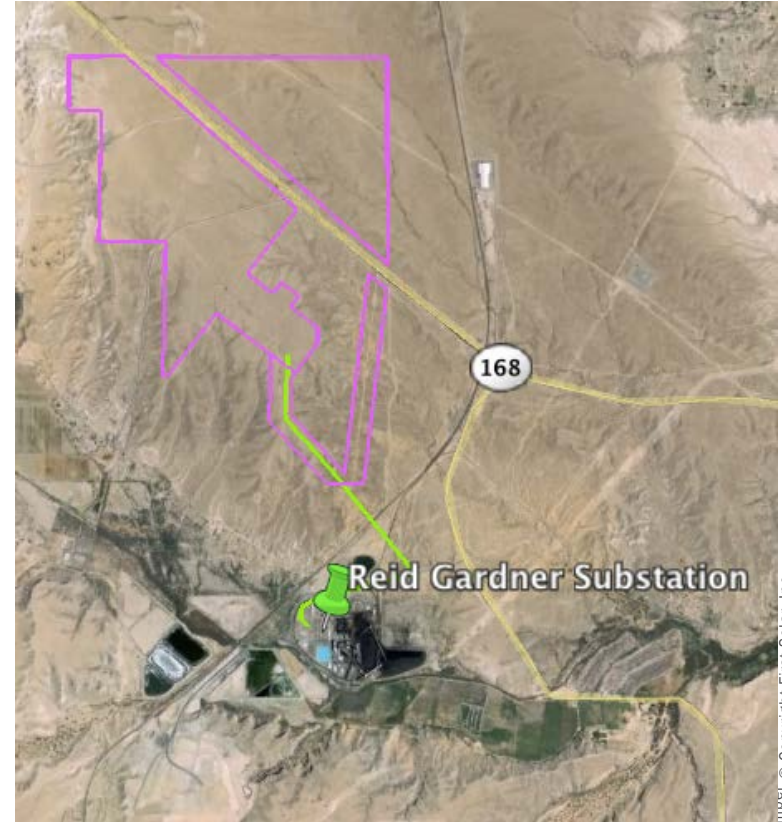
# KEY TRIBAL BENEFITS

- Generates substantial lease revenues for the Tribe over Project lifetime without tying up future land use potential
- Creates a construction workforce of approximately 600 and up to 5 ongoing Operations and Maintenance jobs
- Committed to hiring qualified Tribal members for construction and operations jobs; about 115 Native Americans employed on project
- Benefits to local businesses including available Tribal services, construction subcontractors, and suppliers
- Provides Tribal community, educational and capital improvement benefits
- Provides quiet, low-lying, emissions-free generation with no water required to generate electricity



# AIYA SOLAR PROJECT OVERVIEW

- Advanced stage solar photovoltaic facility on approximately 800 acres on the Moapa River Indian Reservation
- Second First Solar project with Tribe demonstrating successful collaboration
- Up to 100 MW (ac) of solar PV generation located near the 1-15 gateway at the intersection of Highway 168 and Reservation Road
- Will provide enough energy to power 24,000 homes
- 2 mi gen-tie to Reid Gardner Substation, on Tribal and BLM lands
- Located near the Reid Gardner Coal-Fired Power Plant, which is currently being decommissioned, effectively re-powering Reid Gardner with clean, renewable energy
- Major permits are well underway; FEIS published in Q1 2016 and ROD issuance in Q3, which would grant all land rights and major permits required
- First Solar is actively marketing the project; schedule will be determined once PPA is executed



# AIYA PROJECT BENEFITS



- Low lying, with low water use during operations
- Generates substantial lease and other revenues for the Tribe over Project lifetime without tying up future land use potential
- Creates an average construction workforce of approximately 300, and up to 5 ongoing jobs , with a hiring preference for Native Americans
- Will provide ongoing employment opportunities for Tribal members trained at the Moapa Southern Solar Project
- Will provide funds for development of Tribal Cry House
- Regularly contributes to various Tribal charity events such as the holiday party, Language and History Symposium, youth development events, etc.



**First Solar**®