



### Project Description

The Uncompahgre Valley Water Users Association (Association) provides irrigation water to over 85,000 acres in Montrose and Delta Counties. This Hydroelectric Project was developed by the W.U. Drop 5 Inc. a wholly owned Company of the Association. The Project is a 2.2 MW of hydroelectric power plant facility on its existing South Canal. The power will be sold to Delta Montrose Electric Association under a Power Purchase Agreement. The Uncompahgre Project Area Federal Irrigation Systems is one of the oldest (1903) Bureau of Reclamation projects. The Association currently has five small-scale hydroelectric facilities on their system. This Project includes a diversion/bypass gate in the existing canal to divert water into the intake/power house structure. Flows are returned to the existing canal and do not affect the delivery of irrigation water. An intake/powerhouse structure houses the generator and mechanical/electrical equipment. The turbine is a vertical double regulated Kaplan turbine. These Kaplan units have been installed in the Association’s Drops #1, #3 and #4. A switchyard was constructed at the powerhouse with a transformer capable of stepping up the power generated to the necessary interconnection voltage.

P R O J E C T D A T A		
<i>Sponsor:</i> Uncompahgre Valley Water Users Association	<i>County:</i> Delta & Montrose	<i>Water Source:</i> Gunnison River
<i>Type of Loan:</i> Hydroelectric Project		<i>Board Approval Date:</i> May 2015
<i>Terms of Loan:</i> 2.0% for 20 years (Initial) \$6,999,300.00 (Final) \$6,426,813.80		
<i>Design Engineer:</i> Sorenson Engineering		
<i>Contractor:</i> Shavano Falls Hydro, LLC		