



Project Description

This Project was authorized in the 2007 and 2009 Projects Bill (SB07-122, SB09-125) to develop a revenue source to offset the operational and maintenance cost of the planned Arkansas Valley Conduit using hydropower. The 7.5 megawatt facility is located on the North Outlet of Pueblo Dam and generates electricity at flows ranging from 35-810 cubic feet per second. Three turbines and two generators use the dam's authorized releases to the Arkansas River to generate an annual average 28 million kWh (enough to power approximately 3,300 homes) and is planned to generate \$1,500,000 in average revenue per year.

The James W. Broderick Hydropower Plant power is generated by falling water flowing through turbines. No water is consumed during the generation of electricity. The hydropower plant connects to the Municipal Service Line constructed by Colorado Springs Utilities for the Southern Delivery System. The Project was performed under the U.S. Bureau of Reclamation's Lease of Power Privilege (LOPP) process. Colorado Springs Utilities purchase the power generated via transmission through the local Black Hills Energy power delivery system. Colorado Springs Utilities and the Pueblo Board of Water Works were originally partners, but the District is solely undertaking the Project.

P R O J E C T D A T A		
<i>Sponsor:</i> Southeastern Colorado Water Conservancy District	<i>County:</i> Pueblo	<i>Water Source:</i> Arkansas River
<i>Type of Project:</i> Hydroelectric	<i>Board Approval Date:</i> July 2016	
<i>Terms of Loan:</i> 2.00% for 30 years	<i>(Original)</i> \$17,392,200	<i>(Final)</i> \$17,392,200
<i>Design Engineer:</i> Providence Infrastructure Consultants, Inc.		
<i>Contractor:</i> Mountain States Hydro, LLC		