



Allison Creek Hydro Is Underway

The first shovelful of dirt was finally moved as construction began on Copper Valley Electric Association's Allison Creek Hydroelectric Project. CVEA believes that hydropower is the most viable and cost-effective renewable resource and has continued to aggressively move the project forward since efforts began in 2008.

Allison Creek promises several renewable energy benefits:

- It will displace 725,000 gallons of fuel annually when it is commissioned in 2016
- It will eliminate 12,000 tons of carbon dioxide annually
- It will reduce annual fuel costs by \$2.415 million every year
- It will generate 15 million kWhs to increase CVEA's renewable energy portfolio from 50 to 64 percent of total generation requirements

Construction of the Allison Creek Hydroelectric Project began on May 27, 2014. The schedule for 2014 is to complete land clearing including the lower access road, tunnel, and powerhouse site, begin the powerhouse foundation and building, start the feeder line construction, and start the upper access road. It is anticipated the project will be complete and producing power in 2016.

For project details and construction updates visit www.cvea.org.





Opposite Left, local contractors just past the rock outcrop on the lower access road
Opposite top, lower access road
Opposite bottom, the completed Pelton Wheel
Top, crews clearing the site of the Power House
Above, crews clearing lay down area
Right, housing unit where spear nozzles from the penstock will enter; spear nozzles control the quantity of water being shot at the turbine wheel