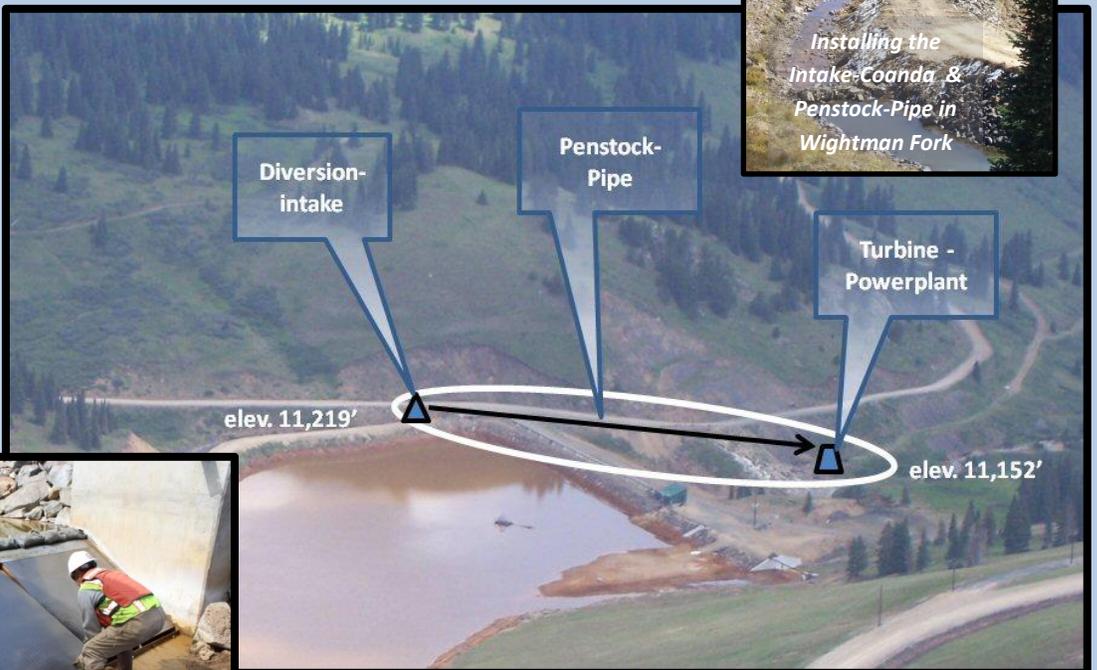
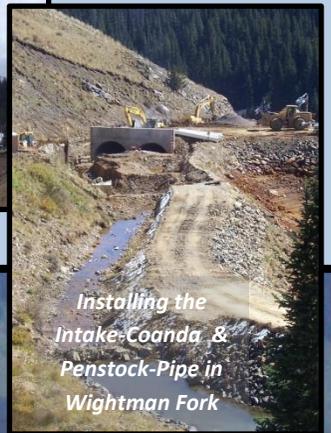


Micro-hydroelectric Power... at Summitville



...each year, the snows and rains return--

to now be used...



Diversion-Intake Coanda -Screen



Diversion-Intake & Head-gate Vault

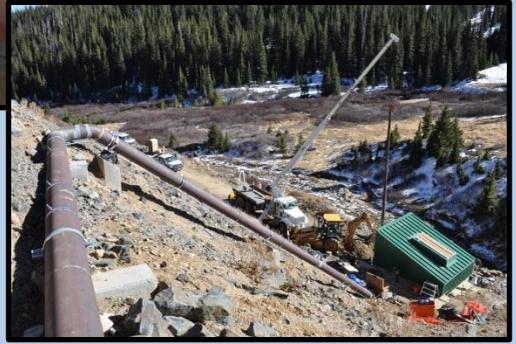
...to make **ELECTRICITY.**

(over)



Colorado Department of Public Health and Environment

Build a Penstock-Pipe...



- Design Flow Rate: 1-10 CFS
- Intake Elevation: 11,219 ft.
- Turbine Centerline: 11,152 ft.
- Pipe Velocity : 7.9-9.3 ft/sec
- Avail. Energy @ Turbine: 57.4 ft

...along with a Turbine and Powerhouse



Guide-vane

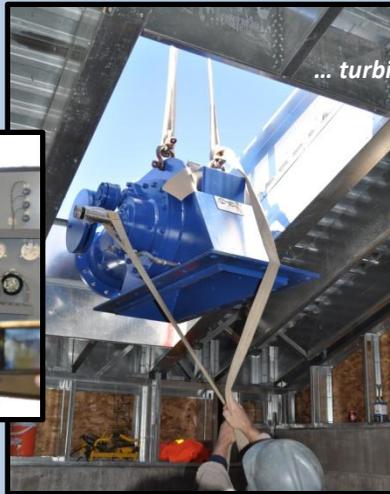
... factory fabrication ...



Cross-flow turbine



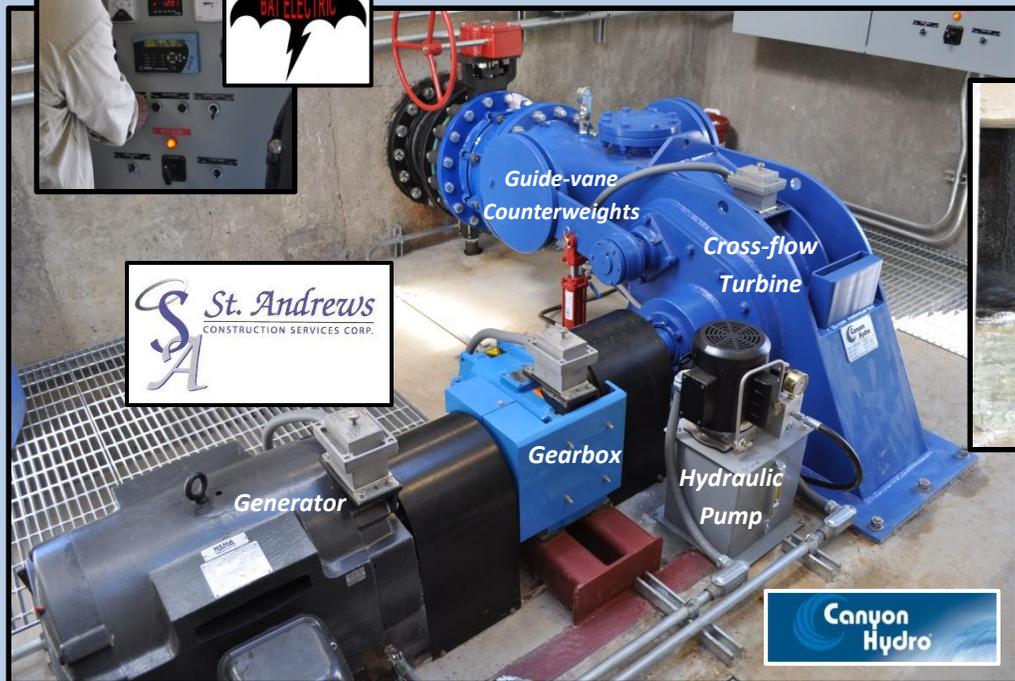
... electronics & controls



... turbine arriving for installation



...up to 32 kW power into Site



Guide-vane Counterweights

Cross-flow Turbine

Gearbox

Hydraulic Pump

Generator



Turbine flow-thru tailrace



Return-flows into Wightman Fork