



• 1985 Country Club Road, Hood River, OR 97031 Phone (541)-386-3115 Fax (541)-386-9103 www.fidhr.org •

Hydro-Electric Equipment for Sale

\$200,000 OBO (shipping not included)

Generating power from local water systems is a big part of FID daily operations. Kept in good working condition, FID has two Francis style turbine generator sets: a 1-MW and a 2-MW unit for sale. All controls, electrical equipment, and spares are a part of this package for sale. These circa 1986 turbine and generator sets are currently in production and produce an average of over 15,000 megawatt hours of energy per year. Sold at \$0.06 per kWh, such electricity would yield gross income of ~\$900,000 per year. FID has made several upgrades to the machines over the years. Spare runners for both machines, as well as all other existing spares and machine specific tools are included in the price.



Control Panels



Francis Turbines



Hydraulic System

Revenues from FID's hydroelectric facilities have been leveraged to make nearly \$40 million in capital improvements over the years. These projects have led to substantial water conservation and energy efficiency improvements in the Hood River area. Having met its primary goals, FID is now in a position to begin experimenting with different hydroelectric technologies that may be more appropriately sited for our environmental conditions. We encourage interested buyers to come to Hood River to see the machines in operation. **These Francis units will be taken out of production in June of 2015 (and replaced with different equipment that we have already purchased), so now is your final chance to see them in working order prior to your purchase.**

All equipment for sale will be labeled, packaged and stored in a properly protected and appropriate environment for safe keeping until you tell us where to ship them. The equipment comes complete with full sets of plans and schematics. Plug and play!

Quick Specs:

Unit 1 - Kato Engineering Model A233640000

2,000 kW Rated Output

Unit 2 - Kato Engineering Model A234000000

1,000 kW Rated Output

Both Units are Synchronous, 3-Phase, 4160 Voltage. Typical station service load is ~47kW.

Dual controlled machines are in production in the 12 - 110 cfs flow range. Water is currently supplied through 48" penstock with ~398' net head.

Serious Inquiries Only Directed To: Jeremiah Camarata (541)-806-3922 or jer@fidhr.org