

Virginia City Hybrid Energy Center



Schedule

Construction Date:	June 30, 2008
Groundbreaking Date:	August 14, 2008
Project Completion Date:	Summer 2012

Generation

Gross Megawatts:	668MW
Net Megawatts:	585MW
Electricity to Homes:	146,000 Homes
Coal Consumption:	2.85 million tons/Yr
Biomass Consumption:	Up to 537,000 Tons/Yr
Limestone Consumption:	28 tons/Hr
Water Consumption:	Less than 1 Million gallons a day
Operations Jobs:	75 – 100
Lifespan:	45 – 50-years

Supplies

EPC Contractor	Stone & Webster, Inc (Shaw Group)
Boiler	Foster Wheeler
Air Pollution Control System	Allied Environmental
Chimney	Karrena International
Steam Turbine Generator	Toshiba
Air Cooled Condenser	SPX
Boiler Feed and Condensate Pumps	Flowserve
Major Transformers	Hyundai
Closed Feedwater Heaters	Yuba Heat Transfer
Deaerator	Kansas City Deaerator
Turbine Bridge Crane	Foley Material Handling
Distributed Control System	Emerson Process Management

Selected Quantities

- Enough concrete to fill a football field 35 feet high
- Enough Structural Steel to equal the weight of 9646 automobiles
- 45 miles of piping
- 639 miles of Electrical wiring