



INTAKE HOUSE

PENSTOCK TRAVELS 1700 FEET ALONG FALL CREEK, AND WATER DROPS 140 VERTICAL FEET TO TURBINE INTAKES

MANUAL SHEAR GATE LIFTING MECHANISM

WOODEN SWING GATE

TRASH RACK CLEANER MECHANISM

POWER LINES OUT 2400 VOLTS

HYDRO ELECTRIC PLANT

INTAKE BAY
780.7' ELEVATION

BEEBE LAKE

MAIN DAM

DISCHARGED WATER

#2 GATE VALVE

No. 2

48" INTAKE

1100 KW GENERATOR

#1 GATE VALVE

36" INTAKE

GEAR BOX

GEAR BOX

No. 1

800 KW GENERATOR

640.75' ELEVATION

#1 TURBINE - 325 RPM TO 1214 RPM IN GEAR BOX

#2 TURBINE - 261 RPM TO 1214 RPM IN GEAR BOX

PLANT IS 1/4 MILE DOWN

FALL CREEK