

INFORMATION SHEET

INTERMOUNTAIN POWER PROJECT

Project and location: 3000-megawatt coal-fired power plant approx. 10 miles east of Capitol Reef National Park, Utah, on 7½ sections (4640 acres).

Project participants: Intermountain Consumers Power Assoc. (Utah & Nevada), 15%; Anaheim, 15%; Burbank, 2½%; Glendale, 2½%; Los Angeles, 50%; Pasadena, 5%; Riverside, 10%.

Studies: fifth of five volumes of "Preliminary Engineering and Feasibility Study" to be completed by L.A. Dept. of Water & Power and Westinghouse Environmental Systems Division in late May 1977. Draft EIR to be completed by LADWP & WESD in spring of 1977. Draft EIS to be done by BLM and included in USGS's Central Utah Regional Coal Development EIS in Jan., 1978 (final EIS in June, 1978).

Water requirements: 50,000 acre-feet per year from Fremont River and deep wells in sandstone aquifer. ICPA has agreement with Wayne County for minimum of 25,000 AF per year of Fremont River Water. Application has been made to Utah State Engineer for 250,000 AF groundwater per ten-year period. An earthen or earthen and concrete dam would divert water to a 50,000-AF reservoir. One reservoir site under study would require relocation of 4 miles of Highway U-24.

Final
Transmission systems: would require approx. 1040 miles of new transmission lines in Southern California and 453 miles of new lines in Utah. Land requirements for So. Cal. lines rights-of-way alone would be approx. 24,500 acres. New converter stations would be constructed and some transmission lines rebuilt.

Air pollution control: IPP expects 90% sulfur dioxide removal and 99.75% particulate removal, using "best practicable control technology" and supplementary control systems. IPP claims Class II standards would never be exceeded; Class I in Capitol Reef would be exceeded no more than 50 hours per year with SO₂, and never exceeded with NO_x or particulates.

Coal: 10 million tons per year to come from underground mines in southern portions of Emery and Wasatch fields. 63.4 miles of new railroad track required, plus a diesel-electric railroad with two unit trains of 84 cars each to run 2 trips per day, 5 days per week. (Using 2.38 gallons diesel fuel per 1000 net ton mile.)

Employment needs and population impact:

Coal system related: 2000 mine operation workers plus transportation system construction force of 430 people and operating force of 60. Population of Emery Co. (present pop. 6700) would increase by 7300. Pop. of Sevier and Sanpete Counties (present combined pop. 26,300) would increase by 8800. Emery Co. would need 2100 new housing units, 2 new elementary schools, one new junior-senior high school. The 7300 new residents would need 1.7 million gal. water per day & would produce 0.73 million gal. sewage and 36,500 lb. solid waste per day.

Plant-related: Increased population of Wayne Co. (present pop. 1600) would be 10,800. (After project completion, pop. increase would drop to 3800.) The 10,800 would require 3200 housing units, 90% of them trailers; would require 2.58 million ga. water/day; would produce 1.1 million gal./day waste flow and 56,000 lb./day solid waste. 3100 new students would need 3 new elementary schools, one new jr. high, and one new high school. A new town is expected, occupying 1000 acres of land & taking 85% of the new population.