

Fishway Flow curtailment helps ease energy shortage

The State and Federal fishery agencies of Oregon, Washington, and Idaho and the North Pacific Division, Corps of Engineers have announced that as a result of cooperative efforts, a total of 250,000,000 kilowatt hours (KWH) of additional electricity will be generated this winter.

The additional electricity will be generated with water that normally would be used by the fishways and fish attraction water systems at dams on the lower Columbia and Snake Rivers.

In an agreement reached between representatives of all the Northwest fisheries agencies and the Corps of Engineers, a temporary plan was developed for fish facility operations that will provide for a substantial reduction of water flowing through the fish collection and passage facilities during the winter months when relatively few fish are migrating.

The reduced flows will significantly reduce the effectiveness of the passage facilities and will provide only minimal passage conditions at most dams.

The total energy generation from use of the fishway water at its maximum level will amount to over 1,700,000 KWH per day. This is enough electrical energy to serve about 40,000 homes for one year. The curtailment of fishway flows represents about a 35 percent reduction in the annual use of water or energy in the Corps fishway systems on the Columbia and Snake Rivers.

Most of the additional energy will result from reducing the amount of water used for attraction flow at the downstream entrances of fish ladders at Bonneville, The Dalles, John Day and McNary

Dams on the lower Columbia River. Substantial additional energy will also be generated at Ice Harbor, Lower Monumental and Little Goose Dams on the Snake River.

"Attraction flow" is the extra water that is used to help the upstream migrating fish find their way into fish passage facilities. While some reduction in attraction flow is made each winter the reduction this year will be much greater than ever before.

The most adverse impact anticipated will be the potential loss of late running steelhead and late fall chinook spawning above Bonneville Dam. The coho runs are believed to be nearly over.

Spokesmen for the fishery agencies stressed that minimal conditions for fish passage were agreed to upon the following conditions:

- a continuing critical energy crisis;
- an understanding that the reduction in fishway flows during the winter of 1973-74 will not set a precedent for future operations;
- in the event that serious fish passage problems develop, normal fishway operations will be resumed;
- other water users (for example, navigation and irrigation) will be requested to contribute their fair share to the energy conservation program.

Major General R.E. McConnell, North Pacific Division Engineer, has stated that the assistance and cooperation shown by the fishery agencies will do much to alleviate the critical power shortage that faces the Northwest this winter and expressed deep appreciation to the agencies for their participation in the energy conservation program.

Manager training initiated

Combining all three rings under one big top, the University announces the formation of a new act, the Center of Educational Policy and Management (CEPM).

For those who are unfamiliar with the educational management show it is the training of school administrators including all management positions, deans, presidents, and principals. CEPM provides training in three study and management programs that lead to doctorates in pre-collegiate administration, higher education administration and forces that contribute to educational policy.

The first phase is the Research and Development division. This division concentrates on educational administration of elementary and secondary schools. In the center ring is Instruction and Field Services division for levels of higher education focusing on personnel. Third is the Information Services division. This end studies educational foundations, philosophy and history of schools, and some sociology.

According to CEPM Director Max Abbott, the first two divisions study changes in

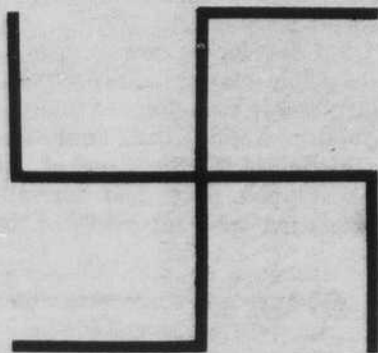
schools while the Information Services unit leans toward educational policy, experiments, and causes for policies.

Particularly advantageous is the link between research and the training of school administrators that CEPM provides. Previously the research oriented Center for the Advanced Study of Educational Administration (CASEA) was independent of the educational department. "One director over both makes for better co-ordination," Abbott said.

"Now there is a way for research and teachers to interact," Abbott explained, "Before there was no way for teachers to acquire the research information."

Except for the administration aspect, the CEPM is open to undergrads. Many of the graduate administration students have bachelor degrees in education, but Abbott pointed out that a degree in education is not a prerequisite to enter the graduate administration program.

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Energy curtailment plans sought

By ROSS DANIELS
Of the Emerald

The Joint Energy Conservation Council of Lane County met yesterday to discuss ways of handling the latest developments in the energy crises.

The shortage of electrical energy was the main topic of discussion for the council, which consists of representatives of public and private electrical utilities, fuel oil distributors, and others supplying energy to Lane County.

Council chairman Jack Criswell, of the Springfield Utility Board, reviewed a general plan concerning voluntary and mandatory curtailment of electrical energy use by customers of electrical utilities, particularly businesses.

Major emphasis in the general plan is placed on informing the public about the energy crises through the media and the schools, and on encouraging as much voluntary cutback of electrical consumption by businesses as possible.

If rationing of electricity to businesses were to be imposed by the PUC next year, the plan would call for a utility to give a three day warning notice to any businesses which exceeded its allotted amount of energy. If the business did not cut back, then it would lose its electrical power.

The plan also calls for the utility to take production increases and other factors into account which might affect the amount of energy used by a business.

Jan Monroe, of the Oregon Energy Information Center was scheduled to talk on the Governor's "sign ban," and PUC Sabin's order to private utilities to cut off the electricity of anyone violating the ban, but was unable to attend the meeting.

A spokesman for Pacific Power & Light said that his company would comply with the PUC's orders to shut off a business's electricity "when and if those orders are given." The utility has not received any such orders yet.

Criswell said that the public utilities "will go to the Governor's executive order for support," in enforcing the ban.

Ladd Sutton, the Eugene District Manager for the Bonneville Power Administration, said that the efforts of Oregonians to conserve power have brought "unexpectedly good results." He pointed out that citizens in the Eugene-Springfield area should not be too optimistic about heavy rainfall in this area because there are not many electricity generating dams in this area. The water is needed in the big Columbia River reservoirs.

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