

Nyssa Gate City Journal

67th Year, 43rd Issue

The Sugar City

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Idaho Power Can Supply Customers This Winter

Idaho Power Company said Wednesday that under present system water conditions it expects to have sufficient energy resources to supply all of its firm-load customers--without interruption--through the winter of 1973-74.

Western division manager G. E. McBroom said in a statement aimed at answering numerous public questions that firm customers are residential, commercial, irrigation and industrial users other than those who have contracted for an interruptible supply. Among them as well as wholesale suppliers redistributing energy obtained from Idaho Power.

"We also expect to substantially provide the requirements

Adrian Band Plans Trip

The Adrian High School Band, under the direction of Jim Johnson, is making plans to visit Disneyland from March 13th to the 24th. They will provide entertainment at Disneyland, and will take part in the University of Nevada stage band contest at Reno.

They plan a rummage sale in the school gym on Saturday, November 3 from 10 a.m. to 8 p.m. There will be a snack bar at the sale, and anyone that has a donation may call 372-2335 and the item will be picked up. This is the first of several events the band will hold to make money for the trip.

Journal Bicycle Contest Fast Exciting Race

CANDIDATES IN THE ORDER OF THEIR STANDING

DISTRICT ONE

Sharon Dail
Rt. 1 Box 678

Terri Ulrey
Stringer Road

Kaylene Robbins
Rt. 2 Box 320

Neal Linegar
Rt. 2 Box 105

Susan Carlson
Rt. 2 Box 124

Ranae Robinson
Rt. 1 Box 215

Michael Blaylock
Rt. 2 Box 316

Eddie Kinkade
Rt. 2 Box 16

Sharon Pickett
Rt. 1 Box 22 A

Keith Thompson
Rt. 2 Box 540

Genevieve Williams
Clover Dale

DISTRICT TWO

Karen Hutchinson

Sheryl South

Mark Bauman

Lorraine Wahlert

Sheila Johnson

David Moffis

Charlie Shell

Chris Fonda

Ronnie Robinson

Katey Nemazi

Richard Godin

Dina Hirai

Tony Franklin

Jamie Apodaca

Troy Toombs

Jackie Chadwick

Mark Needs

Norma Iracheta

Terry Sells Merc Manager



Terry Sells returned to the Nyssa Merc as manager this week, after previously serving here for a short time, and after five years in the Merc chain.

He graduated from Parma High School in 1966, and his parents are Mr. and Mrs. Ed Sells of Apple Valley. An uncle, Carl Sells, lives in Nyssa.

Sells was a member of the Naval Reserve in Boise, and served on active duty in the Navy from July 1967 to November 1968. He then joined the Merc stores and worked in Nyssa until January, 1969. He then went into the Boise Merc head office where he worked until August of that year, and has served the Merc in Burley since then.

Terry is married to the former Diane Fowler of Rupert, Idaho and they have two children, Cory, two and one-half and Camille, six months. They will live in Parma temporarily until they find a house in Nyssa.

Geothermal Power Is Possible In Vale Area

Harry W. Falk, vice president of Magna Power Company, told Vale Chamber of Commerce members and guests Tuesday that the Vale area has the greatest potential of geothermal energy in the Northwest. Magna Power is the company which has pioneered the present-day geothermal energy program in the United States.

Since 1955 Magna Power and its affiliates have drilled approximately 250 geothermal wells, including both production and exploration wells, in five Western states.

He said the current energy crisis is a real crisis and more energy must be found.

Magna Power has leases on property in the Vale area where drilling is planned to explore the potential for power developments.

Vale has many hot springs and wells along the Malheur River and at the base of Vale Butte.

Falk said it takes \$50,000-\$100,000 to drill a hole to determine temperature of the area. It would take \$200,000 to \$300,000 to get the well producing, he said.

His company has opened nine wells in the past few years and it has recently decided to begin a new one at Fernley, Nevada. He has high hopes that Vale area will be drilled soon.

He said his company recognized that the hot water areas contain enough heat theoretically to generate all the electricity that would be needed in the Western part of the country for many generations to come.

The principal problem facing the company was the need to develop a practical method of generation by using the hot water sources that have been located.

After an intensive study of possibilities of power generation by using hot water, Magna was issued a patent for its "Magna Power Process."

The exact method of generation varies with the different character of each geothermal area, but there are four basic steps in the process, he said.

First, hot water is pumped under pressure (to prevent

flashing) into a heat exchanger. Two, on the other side of the heat exchanger wall is a gas, such as isobutane, that enters the heat exchanger as a liquid but leaves as a vapor.

Third, the gas vapor drives a turbine similar to the way steam drives a turbine and fourth, this "Rankine Cycle" is completed by a cooling system, whereby the gas vapor is condensed back into a liquid and recirculated. The hot geothermal water will be reinjected into the producing reservoir, after having been cooled as it passed through the heat exchanger.

He told his listeners that the energy is here near Vale, but he suggested that drilling not be permitted near the river or the city, where known hot water exists. Instead, he said, go to the other side of the ridge because a vast area is needed, not just 100 acres but thousands of acres. He said it was fairly certain that a temperature of 300 to 500 degrees would be reached at 5,000 feet and this could be converted to electricity.

He said local power companies are not likely to drill the holes because it is speculation, not an investment. If it is drilled, however, he said it is logical that Idaho Power would be a customer.

State College Representatives To Visit Local Students

Students from Nyssa High School will go to Treasure Valley Community College for a meeting with representatives of the state colleges and universities on Monday, October 29, at 1:30 p.m.

Unique throughout the United States is the Oregon State System of Higher Education "visitation team" which meets

Personal Injuries

Suit Asks \$53,000

A personal injuries lawsuit seeking \$53,000 in damages has been filed in Circuit Court in Vale by David T. Moran. Moran claims the defendant, John E. Umbarger, was driving in a negligent manner when his car struck Moran as he was crossing the street in Nyssa.

The accident occurred April 4. He said he was walking across Main Street at North Fifth Avenue, when struck by Umbarger's car.

Family tickets are \$7.50, adult tickets, \$2.; children, 6-12 \$1.; and children under six years of age, free. A carnival will run from 6 to 9 p.m., with high school students in charge and all proceeds going to the student body.

PTA DINNER

SATURDAY, OCT. 27

The Nyssa PTA is sponsoring a Mexican dinner Saturday, October 27 at the high school cafeteria from 5 to 8 p.m. Mr. and Mrs. B. Dias are in charge of the dinner.

Family tickets are \$7.50, adult tickets, \$2.; children, 6-12 \$1.; and children under six years of age, free. A carnival will run from 6 to 9 p.m., with high school students in charge and all proceeds going to the student body.

Henry Schneider New City Manager

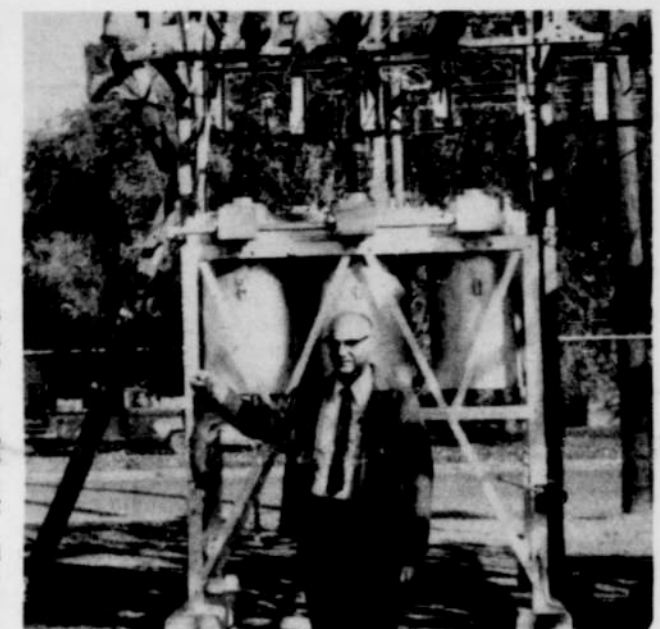


CITY MANAGER FRED KOCH, left, is shown congratulating his successor, Henry Schneider, who was selected to replace Koch when he retires later this year.

The new manager was named at a special meeting of the Nyssa city council Tuesday evening. He is currently city manager at La Junta, Colorado and previously served

as manager at Milton-Freewater for six and one-half years.

Mayor Larry Bauman said that exact details of Schneider's employment and Koch's retirement will be given at a later date. Schneider and his wife flew into Nyssa Tuesday for the meeting, and returned to Colorado Wednesday.



A WAYWARD SQUIRREL possibly looking for a winter hideaway in Idaho Power Company's Nyssa substation, found only trouble for himself and some 2,600 of the utility's customers last week.

Nyssa district manager Dale Adams says the squirrel's search appears to have led him into the complex network of fusing in the substation.

The animal created an arc in the maze of tubular conductor, bringing about his own end, shorting out the entire substation and interrupting service to customers supplied from the facility.

"The reaction time of our technicians in diagnosing the trouble and making repairs was exceptionally short, considering the amount of work that had to be done," says Adams.

The manager pointed out that squirrels are frequent offenders in causing service interruptions, though the targets of their apparent curiosity are more often individual transformers in urban areas than Idaho Power substations.

WEATHER

DATE	MAX	MIN	PREC.
Oct. 17	73	38	
Oct. 18	73	37	
Oct. 19	70	36	
Oct. 20	61	36	Trace
Oct. 21	67	45	.9
Oct. 22	63	40	
Oct. 23	57	41	.7
Oct. 24	44		
Owyhee Reservoir Storage			
10-22-73	384,910	Acres Feet	
10-22-72	443,080	Acres Feet	



YOUNGSTERS COMPETING FOR SIX BICYCLES IN JOURNAL SUBSCRIPTION DRIVE



JAMIE APODACA



MARK BAUMAN



MICHAEL BLAYLOCK



SUSAN CARLSON



JACKIE CHADWICK



SHARON DAIL



CHRIS FONDA



TONY FRANKLIN



RICHARD GODIN



DINA HIRAI



KAREN HUTCHINSON



NORMA IRACHETA



SHEILA JOHNSON



EDDIE KINKADE



NEAL LINEGAR



DAVID MOFFIS



MARK NEEDS



KATEY NEMAZI



SHARON PICKETT



KAYLENE ROBBINS



RANAE ROBINSON



RONNIE ROBINSON



CHARLIE SHELL



SHERYL SOUTH



KEITH THOMPSON



TROY TOOMBS



TERRI ULREY



LORRAINE WAHLERT



GENEVE WILLIAMS

Good
Luck
Kids!