

# LAS VEGAS AGE

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## Power Charges Please Experts

Engineers who have had the opportunity to comment on the rate of 2.29 mills per kilowatt hour announced by Mr. E. F. Scattergood, head of the Los Angeles Bureau of Water and Power, as the charge to Nevada for power from Boulder Dam, have expressed the opinion that the rate is most satisfactory and will result in bringing important basic industries to this section.

This 2.29 mills, plus the .30 of a mill charged by the state for administrative purposes, makes the cost to contractees for Nevada power not to exceed 2.59 mills.

Elwood Bachman, engineer of the General Electric Company who has designed the transmission lines, transformers, etc., of the Southern Nevada Power Company, says:

"The rate should attract large electro-metallurgical plants to the Boulder Dam area to utilize all the power available to Nevada. It is very cheap power"

Jay Carpenter, head of the Mackay School of Mines at the State University and temporarily employed by the Colorado River Commission in a study of the power situation, said:

This (2.59 mills) probably represents the maximum cost to wholesale consumers in the state of Nevada. Mr. Scattergood indicated that as the load becomes better balanced the figure will probably be lower.

"This should mean much from the standpoint of industrial development. It definitely assures us of power that will be cheap enough to attract major industrial plants. We now have something concrete to offer those who might be interested in locating here.

"It should be borne in mind that these figures are all tentative, but I am very well pleased with their import. Certainly they allay completely any fear that the price will be more than 2.59 mills, and I believe it may be somewhat less."

Mr. Carpenter stated that under the present head of water in the Boulder dam reservoir, the generators can run only to fifty per cent capacity.

"The 110,000 horsepower generators of the City of Los Angeles are now producing but 50,000 and the price quoted is based on present cost figures obtained from actual operation to date. When the head reaches the anticipated level and the generators are running to capacity it will probably be less," the engineer pointed out.

The figure quoted by Scattergood is for firm power and does not apply to the present situation which has the status of "interim power" until there is sufficient water in the reservoir to generate the amount

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## Junior Chamber Makes A Record

The Junior Chamber of Commerce in its management of the recent President's Ball, made an enviable record, excelling in financial results any of the annual balls previously held in Las Vegas.

The total returns amounted to \$527.75. After deducting expenses of \$175.00 there was a net profit of \$352.75 to be devoted to the work of research and treatment of infantile paralysis cases.

Of the proceeds, 30 percent, or \$105.83, was sent to Warm Springs Foundation and 70 percent, or \$246.82, remains in Las Vegas for aiding sufferers from the dread disease.

## Dam Power Here By March First

Elwood Bachman, General Electric engineer, who designed and supervised building of the power transmission line between Boulder Dam and the substations and equipment at both the Boulder Dam and the Las Vegas substations, expects to have power flowing over the main transmission line to the distributing system of Southern Nevada Power Company on or before March first.

The big transformer for the Las Vegas substation has already been received and placed in position. The three large transformers for the Boulder Dam substation have been completed by the General Electric Company and have been undergoing the usual testing process at the plant. They have been shipped and should be received at Boulder Dam in time for placing in position and connecting before March first.

According to the engineers, Las Vegts may expect to begin to receive power under the proposed new schedule of rates in March. The new schedule will provide for all classes of consumers of electric current beginning with a minimum of one cent per kilowatt hour, for larger consumers, and increasing to a maximum of four cents for the smaller consumers.

Under the new rates we may expect bills for electric current to be reduced to approximately fifty per cent of former figures and it is expected that the new rate will go into effect not later than March 1 next.

## STREET IMPROVEMENT WORK BEGINS MONDAY

The B & B company, contractors for the new street improvement program, will begin operations Monday next, according to C. D. Baker, city engineer.

## Nevada Power Rate Is Fixed

News of the most vital importance to Las Vegas was received by the Colorado River Commission Monday last when a message from E. F. Scattergood, head of the Los Angeles Bureau of Power and Light set tentative figures on the cost of delivering Boulder Dam power to Nevada contractees under the withdrawal clause in the contracts between the government and the Los Angeles bureau.

The best of it is that the figures are entirely in accord with the hopes of those who have long believed that Nevada contractees should and would receive power at such a rate as to attract electro-metallurgical and electro-chemical enterprises to this region.

Mr. Scattergood's tentative estimates of cost to Nevada contractees for blocks of power are as follows:

Operation and maintenance of power plants, including re-	
placements (mills KWH).....	0.16
Amortization .....	0.20
Falling water .....	1.63

Total cost to Nevada at switchboard .....

2.29 To this must be added 0.30 mills charged by the state to cover the cost of administration by the Colorado River Commission, making the cost to contractees for blocks of Nevada power 2.59 mills per kilowatt hour, slightly more than one quarter of a cent. This is in startling contrast to the report of the NevadaColorado River Commission which predicted a rate of 4.68 mills.

It has long been the belief of engineers that if power is made available to contractees in Nevada at the rate of three mills or lower, great plants would be established in this region for the treatment of ores and concentrates and certain electro-chemical plants requiring large amounts of power and certain basic industries utilizing raw materials of the adjacent region, such as glass factories and certain others.

Mr. Scattergood's estimate is based upon a load factor varying from peaks to lows. He states, however, that load factors approximating continuous 24-hour use would lower the generating cost some. This would be the case with large plants which would operate on a 24-hour per day schedule.

It will be observed also that the charge imposed by the Colorado River Commission will, whenever there is any considerable amount of power used, be excessive and unnecessary. We are assured by the commission that the thirty hundredths of a mill added to the power rate to cover the cost of administration, will be reduced from time to time as fast as can be done. The

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## Rotarians Plan New Districts

The proposal to divide the Second District of Rotary, which now includes California, Nevada and the Hawaiian Islands, into five smaller districts, will be a special order of business for discussion at the meeting next Thursday.

The division proposal would place Las Vegas in the district with Los Angeles and about 27 other Rotary Clubs of Southern California. There is a divergence of ideas on the desirability of the change. Some desire to keep the Second District, the largest in the world, intact. Others advocate the division as planned by the committee. Still others, including some the Las Vegas Rotarians, would prefer to have the Las Vegas Club made part of some district other than that containing the powerful Los Angeles Club.

## Modern Food Shop Improves

The Modern Food Shop on Fremont street, between Third and Fourth, has been entirely reorganized and greatly improved during the past week.

The new firm includes DeWitt Tracht, Dean Bingham and Herbert Krause. Frank Ball has charge of the meat department and Harry Smith continues to manage the fruit and vegetable department.

The store has been considerably enlarged, the partition which formerly ran across the rear of the room being removed. A warehouse addition has been built and new refrigeration, cases, scales and counters purchased, the new investment amounting to \$4,500.

Modern Food Shop is one of the most up-to-date in the city and the many improvements were necessary to better serve their customers.

## Show Pictures Of Boulder Dam

Bob Russell, of the Apache hotel, has arranged to show several reels of motion pictures taken during construction and after completion of Boulder Dam.

The pictures are shown at eight o'clock each evening in the Cocktail Lounge of the Apache. They are interesting to travelers as well as to local people. There is no charge and the public is invited to come any evening.