

The Slogan Pages Are Yours; Aid In Making Them Helpful to Your Wonderful City and Section

SALEM DISTRICT INDUSTRIES

EIGHTH CONSECUTIVE YEAR

THE DAILY STATESMAN dedicates two or more pages each week in the interests of one of the fifty-two to a hundred basic industries of the Salem District. Letters and articles from people with vision are solicited. This is your page. Help make Salem grow.

ONLY TWO STUDENTS TACKLED THE SUBJECT THIS WEEK; BOTH GIRLS

Sixteen weeks ago it was announced that The Statesman would pay \$5 a week, till further notice, to the high school or grade school boy or girl in Marion or Polk county who would submit the best article on the current Slogan subject. The articles are to be in the office (or mailed) by noon of Tuesday of the week of the Slogan subject. All articles submitted to belong to The Statesman. The editor to judge as to the best, in deciding who shall receive the \$5. The idea is to furnish an opportunity to make the rising generation acquainted with the many and great advantages of the district in which they are to take active part in the future. They are to be the leaders as they grow into manhood and womanhood. There have been from one the first week to as many as 11 contestants. There have been no blanks. But there are only two this week; a hard subject for public school pupils. But the two have done well, and it is hard to decide which is the better. The \$5 goes to Deena Hart, and Olive Josephine Anderson is to have a ticket to a moving picture show—any moving picture show selected, at the Oregon, Capitol or Elsinore. There will likely be surprise prizes most weeks. One other thing. The Statesman wants the photograph of the first prize winner each week. If the winner has no photo, please go to the Kennel-Ellis studio, 429 Oregon building, Salem, and have one taken, at the expense of The Statesman. When a few photos are in hand, cuts will be made of the first prize winners, to be printed in The Statesman; and perhaps in other papers. The boys and girls will please write on only one side of the paper. The following are the articles for this week:

SALEM FAVORED IN RESPECT OF POWER

Editor Statesman: In the early ages man struggled for mere existence and for the right to live. At last forced by need, he contrived things for his comfort which are now looked upon as necessities. His earliest object was a plentiful water supply. He could not even live without it.

In these days the conservation of the water sources and supplies is claiming the attention and the thought of every individual interested in the industries. Water power is a very cheap power. Turbines produce electricity and in their secondary application in this form send the power to great distances. Mills can be situated in any favorable locality and have power. Salem is unusually favored in this respect. The Little North Fork and Big North Fork of the Santiam and the Willamette are near enough to be used for power.

Mountain Water for Salem Bull Run gives Portland pure water for the city. Salem should have clean, clear, cold water for the people. This water should be brought from the mountains. Clean water built up a city; it is much more sanitary, and the people will come to a city that has good water. A family first looks into the facts concerning the water supply when it is planning to seek a new home. As the population grows the factories will come, as the manufacturers will build the factories where power and water are available.

Case of Los Angeles Every one knows how Los Angeles has gone 200 miles for water, and how she is now planning to go 300 miles to the Colorado. The Colorado is a silt bearing stream. How much more fortunate is Salem. Just 35 miles away there is the Little North Fork and the Big North Fork of the Santiam, and the Santiam is a clear stream and does not need to be filtered. Los Angeles has grown great merely because there was good water, and power, there. Might not Salem reach the size of Los Angeles if she too used the resources so near? From the force of the water on its route to the city, power might be generated and thus make Salem a great industrial town. The state engineer's report makes it very plain as to the great strides in Oregon in this field of power. Developed water power: 1918, 70,000 h. p.; 1915 170,000 h. p.; increase 105,000 h. p.; 1922 178,052 h. p.; increase 3,052 h. p.; 1925 244,238 h. p.; increase 66,186 h. p.; 1926, 241,759 h. p.; decrease 2,479 h. p.

Deena Hart, 1192 Shipping street, Salem, Ore., May 17, 1927. Battle Creek Sheep company of Baker county sells 12,000 fleeces at 24 1/2 cents a pound.

OUR UNDEVELOPED WATER POWERS BIG

Editor Statesman: Water powers are classified according to the height of the fall. This fall is called the head. Streams are the most available sources of water power. Plants of the high power class are usually found in mountain regions, where dams for impounding the water of small streams are constructed at levels from several hundreds of feet to thousands of feet above the location of the wheels, to which the water is conducted. Power plants of this type have a small volume of water. Most of the large factories, mills and electric plants of the world are located on the banks of rapidly flowing streams, because water power is much cheaper than any other for operating machinery. The horse power, a force that will raise 33,000 pounds one foot in one minute or 550 pounds one foot in one second, is the unit employed in measuring water power. Only a part of the water power of the world has been developed, of the small portion that is known. The water power of the United States is estimated at 54,000,000 horse power. Of this about 14 per cent or 8,000,000 horse power, has been developed. The waves of the ocean exert almost unlimited power, but as yet no device has been found for using this power. It may be that in the future the Willamette valley will get its water power from the Pacific ocean.

Our Water Power The Willamette valley has a great extent of water power, both developed and undeveloped. This valley includes these counties: Columbia, Washington, Multnomah, Yamhill, Clackamas, Polk, Marion, Linn, Benton and Lane. The principal rivers of Columbia county are the Columbia, Nehalem and Clatskanie. There is considerable water power undeveloped there. In Benton, the Willamette, Mary's and Luckiamute are the chief rivers. When the water power is developed that county will have an abundance for extensive manufacturing. In Washington county the chief river is the Tualatin. The wealth in water power in that county is practically undeveloped. The rivers and streams of Yamhill county are fast flowing and pure, which are excellent for water power. Water power is awaiting development on the upper Yamhill and the north fork of the Yamhill and Willamette rivers. The Willamette, Clackamas and Tualatin rivers are the principal ones of Clackamas county. Approximately 215,560 undeveloped horse power is available in Lane county. The chief rivers are the Willamette and McKenzie. In Linn county approximately 20,000 horse power exists undeveloped in the two Santiam branches and the Calapooia. There are several saw mills along the Santiam river which get their power from that river. Multnomah county has an enormous

amount of undeveloped water power; approximately 226,000 horse power on the Columbia and Sandy rivers alone. They have extensive manufacturing run by water power already in that county. Marion county has 100,000 horse power available in Willamette and Santiam rivers alone. Polk county has approximately 2500 horse power undeveloped. The main rivers are the Willamette, Yamhill and the Luckiamute. The Portland Electric Power company uses some water power and some steam. The water power is gotten from the different rivers near. I think in the future more of our manufacturing will be done by water power, because we have so much that is as yet undeveloped, and it is less expensive than steam. —Olive Josephine Anderson, 865 Marion St., Salem, Ore., May 16, 1927.

FLIER "MESSAGE" FOUND Port Officials Claim Note Is Hoax; Picked Up off Coast BOULOGNE-SUR-MER, France, May 18.—(AP.)—A bottle tightly corked containing the following message "12-5-7 are without food au revoir to everybody Nungesser-Coll." was found Tuesday in a net by a fisherman from Quilham. The bottle was handed over to the port authorities who insist it is a hoax in the worst possible taste, since, he said, it is evident that an experienced sailor like Coll would not have failed to indicate the degree of longitude and latitude where they fell.

Dates of Slogans in Daily Statesman (Also in Weekly Statesman)

- (With a few possible changes) Loganberries, October 7, 1926 Prunes, October 14 Dairying, October 21 Flax, October 28 Filberts, November 4 Walnuts, November 11 Strawberries, November 18 Onions, November 25 Raspberries, December 2 Mint, December 9 Beans, etc., December 16 Blackberries, December 23 Cherries, December 30 Pears, January 6, 1927 Gooseberries, January 13 Corn, January 20 Celery, January 27 Spinach, etc., February 3 Onions, etc., February 10 Potatoes, etc., February 17 Bees, February 24 Poultry and Pet Stock, Mar. 3 City Beautiful, etc., March 10 Great Cows, March 17 Paved Highways, March 24 Head Lettuce, March 31 Silos, etc., April 7 Legumes, April 14 Asparagus, etc., April 21 Grapes, etc., April 28 Drug Garden, May 5 Sugar Industry, May 12 Water Powers, May 19 Irrigation, May 26 Mining, June 2 Land, Irrigation, etc., June 9 Floriculture, June 16 Hops, Cabbage, etc., June 23. Wholesaling, Jobbing, June 30 Cucumbers, etc., July 7 Hogs, July 14 Goats, July 21 Schools, July 28 Sheep, August 4 Seeds, August 11 National Advertising, Aug. 18 Livestock, August 25 Grain & Grain Products, Sept. 1 Manufacturing, Sept. 8 Automotive Industries, Sept. 15 Woodworking, etc., Sept. 22 Paper Mills, Sept. 29. (Back copies of the Thursday edition of The Daily Oregon Statesman are on hand. They are for sale at 10 cents each, mailed to any address. Current copies 5 cents.

Storm Cause of Death District Game Warden Killed in Automobile Accident BEND, Or., May 18.—(AP.)—Clarence Adams, deputy district game warden and former Deschutes county deputy sheriff, was killed last Tuesday when his automobile left the highway and rolled over in a ditch near Tumalo. Those who investigated the death believed Adams was a victim of the severe storm that swept over Deschutes county. Adams had been driving with the wind, a 40 mile gale which swept out of the southwest. The cloud of dust stirred up by the car swirled around the machine, blinding Adams, it was believed, so that he was unable to see a surr in the road.

Mosquitos on Run CHICAGO—Seventeen kinds of mosquitos once fed upon the cultured folk who attended outdoor summer opera at Ravina Park, on Chicago's north shore. Sixteen species have been exterminated, and now only the migratory "skeeter" remains. His breeding ground, peath officials are sure, is within a few miles of Ravina, and a hunt is on. Portland Electric Power company pays \$347,547 taxes in Multnomah county. Total taxes in Oregon are \$1,405,013.

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THERE CAN BE CHEAPLY DEVELOPED A MILLION OR MORE HORSE POWER WITHIN A HUNDRED MILES OF SALEM

Probably Three Million Horsepower Within a Radius of 150 Miles of Salem, and Over Four Million Within 200 Miles—Something Like 250,000 Horsepower in Projects Already Marked Out Within 50 Miles of the Capital City

Something like 250,000 horsepower may be developed in projects already developed or marked out within 50 miles of Salem, a million within 100 miles, perhaps three million within 150 miles, and over four million within 200 miles. And 200 miles is not a long distance at the present time for high voltage electric power lines. More than half the water powers of the United States are in the three Pacific coast states; the largest and cheapest power project in the world is the Columbia river project. In California 400-mile high voltage lines are not uncommon; and so the great Columbia river project is within reach of Salem for future hydro-electric power. Up to three years ago there had been marked out about 150,000 horsepower within 50 miles of Salem. This has been increased in that time to over 250,000, counting projects under 100 horsepower. Following are some of those marked out up to two years ago: Fish, Clear, Lava and Lost lakes, 45,000. North Fork of the Santiam, 600; another on same, 11,000; another, 7,755; another, 10,227; another, 29,000. Marion lake, Puzzle creek and Whisky creek, 26,000. Total for the above, 130,218. In the three years intervening, the following are some projects that have been marked out: Deschutes river, 34,000. South Santiam river, 341. Salmon and White rivers, immense power, with 6000 cubic feet per second flow. Amount of power, undetermined. Marion fork North Santiam, 34,090. Permelia and Whitewater creeks, tributary to North Santiam, 22,158. North Santiam, 20,443. The above new projects represent 11,023 horsepower, not counting the one unestimated, and

Squab Industry for West Salem squab meat, and there are all sorts of chances in supplying distant markets through cold storage and other shipments.

Woman Defies Flood, Carries Food to 1000 MEMPHIS, Tenn.—(AP)—Braving the swollen Mississippi, alone, Miss Nellie Williams, a Red Cross disaster worker, carried food and medical supplies in a small motor launch at night to 1000 refugees stranded on a levee north of Helena, Ark. Miss Williams is from Marshall, Mich., and is a graduate of the Western State Normal college at Kalamazoo, Mich. She has been a member of the American Red Cross staff since 1919.

Taxi Carries Overcoat LONDON.—(AP)—Sir Thomas Beecham, noted musical conductor, walking down a London street found the fur-lined overcoat he was wearing too warm for him. Calling a passing taxi, Sir Thomas doffed his coat and flung it inside telling the astonished driver to follow him with it as he walked home.

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there are many later filings, on the Little North Fork of the Santiam river, footing up perhaps 100,000 horsepower. The McKenzie powers coming within 100 to 150 miles of Salem are immense in possible white coal available here. The great Oak Grove plant of the Portland Electric Power Co., with 105,000 developed or developing horsepower, on the upper reaches of the Clackamas river, is about the same distance from Salem as from Portland; comes largely from the eternal snows of Mt. Jefferson, in the northeast corner of Marion county. Within 100 Miles of Salem The files of the office of the state engineer show the following power claims within a radius of 100 miles from Salem, claiming 100 horsepower or more:

Table with columns: Claimant and Address, Stream, Horsepower Developed, Total Horsepower Claimed. Lists various power companies and their projects in the Salem district.

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