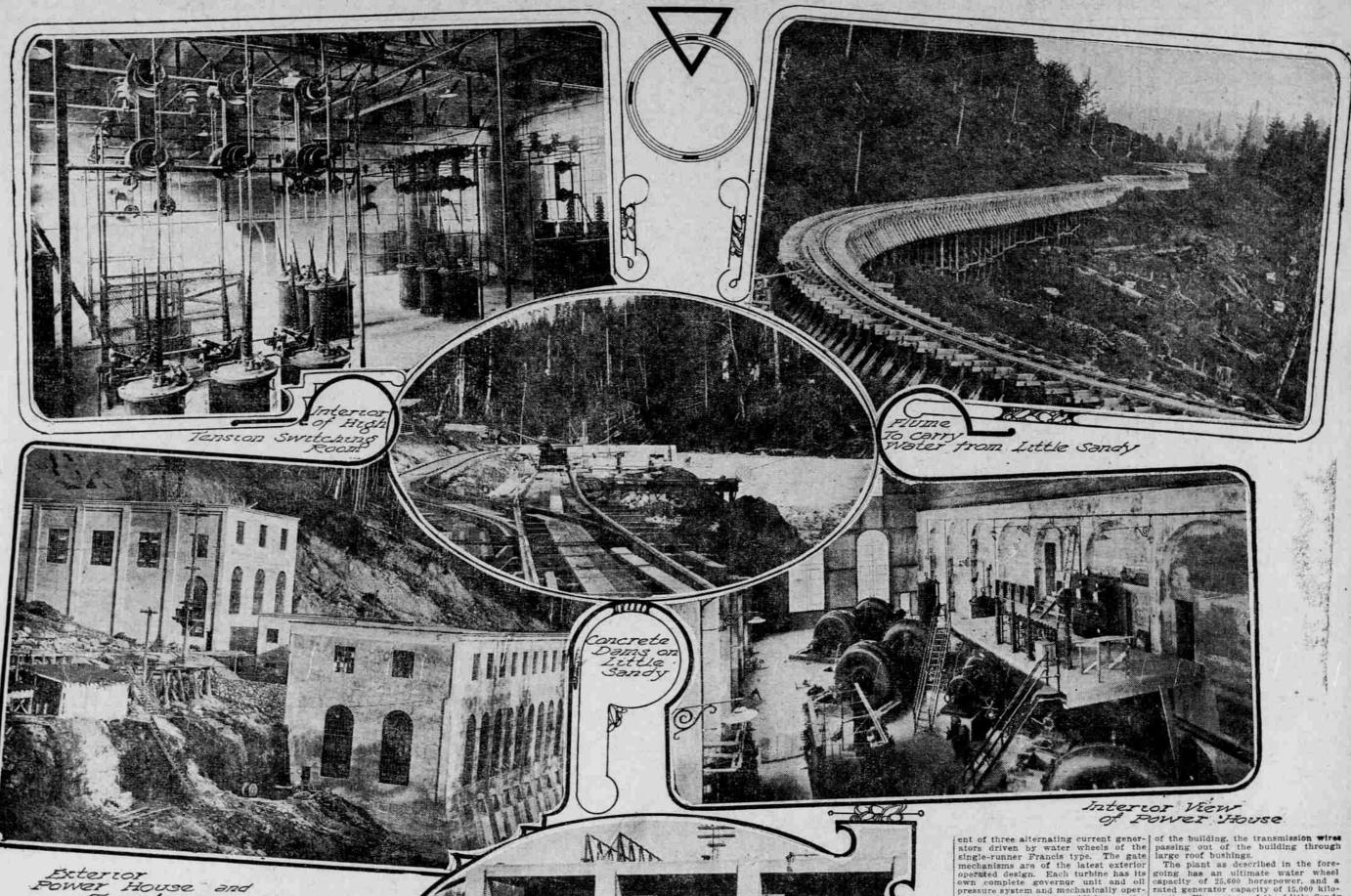
## WILL COST \$2,000,000 BULL RUN WATER POWER PLANT

Auxiliary Station Will Be Ready for Operation About August 1 and Distribution of Energy Will Commence Within a Few Days Thereafter—High Head of Water Is Attained.



Transformer House

The Fortland Rallway, Light & Power Company now is completing, on the banks of the Buil Run River in Clackamas County, what will be the alignest head-water power plant of large size in the state. It will be ready for operation about August 1 and distribution of energy will commence a few days thereafter.

The supply of water for this plant is to be obtained for the first 10 months of its operation from the Little Sandy River, a branch of the Buil Run River in the power-house is situated. In making use of the water for power purposes it is led through the intake gates, which are 10 feet in diameter and moved the water is carried by means of a moved of the surface intake are to be protected by screens which are beling put in.

Head is 1400 Feet at Power-House.

ent of three alternating current generators driven by water wheels of the single-runner Francis type. The gate mechanisms are of the latest exterior operated design. Each turbine has its own complete governor unit and oil pressure system and mechanically operated relief valve. In addition, as an extra precaution, there is provided on each of the penstocks a breaking plate designed to break should the pressure by any chance exceed a certain predetermined amount.

Two of the main water wheels have

Answers to Correspondents

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