

\$480 Million

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Moss Landing Power Plant Expansion Plans Outlined

A \$480 million construction program—probably including a nuclear plant — has been announced for Moss Landing area by Pacific Gas and Electric company.

This is part of a \$2.4 billion electrical power expansion program extending to 1980.

Two 660,000 kilowatt generators will be installed at the present Moss Landing power plant in 1966 and 1967. Two 660,000 kilowatt or larger plants — possibly nuclear — are planned for a new South Moss Landing site by 1974.

The total program, said Norman R. Sutherland, PG&E president, will add 15 million kilowatts of generating capacity and will more than triple PG&E capacity.

The new construction schedule includes nine thermal generating units of 660,000 kilowatts each or larger, seven other of at least 500,000 volts. The largest generator on the PG&E system today is 300,000 kw and the highest transmission voltage is 230,000.

Three major new sites are being acquired for new generating plants. One is at South Moss Landing, a mile from the present Moss Landing plant. The others are at Nipomo, San Luis Obispo county, and Montezuma, southern Solano county.

"This will provide a wholly new, mammoth-scale generation and transmission system which will be integrated with the company's existing system," Sutherland said.

At present, PG&E has 14 thermal and 62 hydroelectric plants with a total capacity in excess of 6 million kilowatts. The augmented expansion program will boost the company's thermal capacity alone (now 4

million kilowatts) to nearly 9 million kilowatts by 1970 and nearly 20 million kilowatts by 1980.

Sutherland said the program will place early emphasis on extra high voltage transmission lines required for proposed northwest California inter-ties and for flexible handling of big power blocks to come from the new large generators.

He said a 500,000-volt line can carry at least three times as much power as a 230,000 volt circuit.

Sutherland also indicated the lines will be advantageous to the recently formed California power pool. The pool agreement, now before the California Public Utilities commission for approval, provides for exchanges of power between and coordinated operation of the systems of PG&E, Southern California Edison, San Diego Gas and Electric company and the California Electric Power company.

"We will depend on the atom more and more as time passes," Sutherland said. "We confidently expect that the Bodega Bay Atomic Park plant will be economically successful and that many of the new big generating units in the construction program after 1965 will be nuclear."

Nature-Preserving Subdivision Gets Commission Okay

Tentative map for a subdivision that would retain the natural beauty of its surrounding area was approved yesterday by the county planning commission.

Forty-one acre-lots are planned in the tract off San An... northwest of La S...
Dr. John...