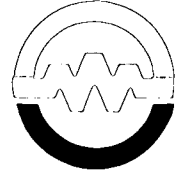


PUB press release



ISSUED BY
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DEVELOPMENT PROJECTS IN 1990

The Public Utilities Board will spend S\$896 million in 1990 on development projects to meet Singapore's demand for electricity, water and gas.

This capital expenditure will be the highest amount to be spent since PUB was established in 1963 and will increase the Board's investments in property, plant and equipment to \$8,580 million. \$767.2 million will be spent on electricity projects while water projects will take up \$107.3 million and gas projects \$10.8 million.

Electricity Projects

Out of \$767.2 million to be spent on electricity projects, about \$316.7 million will be for expansion of the transmission and distribution network. This includes \$107 million for upgrading and modifying the existing 230kV, 66kV and 22kV systems to further improve reliability of electricity supply and \$16.2 million for the construction of a 230kV substation building at Kampong Java to cater to the increase in electricity demand to the surrounding area and the city network. Estimated to cost \$183.6 million, the substation will be completed by mid-1992.

\$215 million will be used for the four new 128 MW gas turbines and switchhouse at Senoko Power Station. The first two units are expected to be completed by mid-1990. The remaining two units will be completed one year later. These gas turbines will cater for unscheduled outages of the steam plants and for peak hour operations.

Another \$227.7 million will be spent on the Pulau Seraya Power Station Stage II Project. Construction of Pulau Seraya Power Station Stage II development, comprising three 250 MW generating units, is in progress. The first unit will be operational in early 1992. The Stage II development together with the associated transmission facilities is estimated to cost \$1 billion. Both Stages I and II have been designed to fire fuel oil but they can be converted to fire natural gas. When fully completed in 1993, Pulau Seraya Power Station will have a total generating capacity of 1,500 MW to meet about half of Singapore's electricity needs.

Water Projects

Of the \$107.3 million to be spent on water projects, \$80 million is for the Linggiu Reservoir project which involves the construction of a dam at Sungei Linggiu (a tributary of Johor River). This is expected to be completed in 1992.

\$3.4 million will be for the re-location of Sungei Pang Sua Stream Intake Station, one of six such intake stations affected by public housing projects while \$2.6 million will be spent on the construction of Asrama Service Reservoir which commenced in mid-1988. Another \$1.5 million will be for the reconstruction of Murnane Service Reservoir and \$1.6 million for improvement works and widening of the Pandan Tidal Gates.

The water distribution network will be expanded and upgraded in 1990 at a cost of \$8.6 million. \$5.9 million will be spent on the expansion of the transmission and distribution network while \$2.7 million will be for upgrading the existing distribution network and enhancing the reliability of supply.

The computer-based Remote Monitoring and Supervisory System for the water supply network in Singapore will be further developed with \$1.3 million to be spent in 1990. This includes the installation of a computer-based telemetry system at Woodleigh Waterworks to provide on-line monitoring and control of the treatment process and pumping operation. Stage II, which will cost \$10 million, is expected to be completed in 1992.

Gas Projects

The gas distribution network will be extended in 1990 at a cost of \$5.1 million to meet the demand from new housing estates, hawker centres and other commercial and industrial customers. Of this \$5.1 million, \$3.6 million will be spent on laying gas pipes to about 14,300 new HDB units. As part of its continuous programme to upgrade the existing gas supply network for enhanced reliability and safety, a sum of \$1.1 million will be spent on the renewal of gas mains.

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