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## Tehran power generation equipment container

How many cc power plants are there in Tehran?

Two CC power plants exist in Tehran, with 1506 and 2868 MW gross capacity. Average weighted efficiency of CCs is about 42.5%. CCs consume 0.172 m<sup>3</sup> NG and 0.0438 kg diesel per 1 kWh of high-voltage electricity generation. CCs utilize wet cooling. Decarbonized water is utilized to reduce NO<sub>x</sub> emissions.

Who supervises hydropower plants in Tehran?

Tehran Regional Electric Co. (TREC) supervises fossil power plants in this province. In comparison, hydropower plants are supervised by Tehran Regional Water Co. and serve as backup power systems under the control of the National Dispatching Center.

How many hydropower plants are there in Tehran?

Three hydropower plants exist in Tehran, with 115.5, 45, and 44 MW gross capacity. Average weighted efficiency of hydropower plants is about 82%. Hydropower plants consume 3.79 MJ of potential energy per 1 kWh of high-voltage electricity generation. The power plant's height is more than 30 m. The lifetime of structural parts is 150 years.

Which is the most sustainable electricity generation technology in Tehran?

Hydropower plants Reservoir hydropower is the most sustainable electricity generation technology in the electricity mix of Tehran. In addition to having the lowest midpoint and endpoint environmental impacts, hydropower plants impose the lowest energy and NPC over the life cycle.

This paper conducts a joint life-cycle costing and life-cycle assessment to address the cradle-to-gate energy, cost, and midpoint/endpoint environmental impacts of Tehran's ...

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The head of engineering at Tehran Oil Refining Co. (TORC), Babak Forouzesh Asl, said with the completion of the gasoline quality-upgrading project expected to come on stream ...

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