

Growing electricity consumption needs nuclear power



Global electricity consumption could triple by 2050.

Electricity is increasingly needed as a shift from fossil fuels to electrification is underway. Transportation (electric vehicles), construction and industrial processes, such as low-carbon steel production, will be affected. This is rewriting the history of global electricity supply. Stringent regulations and the desired reduction of greenhouse gas emissions are reaching areas that are difficult to electrify today. Add to this rising housing standards and upward per capita consumption of electricity. Demand for nuclear power is therefore expected to double or triple. The complex challenges of building nuclear power plants are increasingly being mastered.

The most common reactors today are the so-called Gen-III plus large LWR. They are the most common reactors running today. They can supply electricity to about 400,000 homes and take at least five years to build. In addition, there are the Gen-III plus SMRs. These produce less power but score high on shorter construction time. They could play the biggest role in the future. New technologies are the criteria for the Gen-IV reactors. However, they are still far from commercialization. Many countries are now investing heavily in and supporting nuclear power generation. New power plants are being built and decommissioned ones are being brought back to life. With uranium demand expected to increase, uranium companies are in the spotlight. These include Labrador Uranium and IsoEnergy, for example.

IsoEnergy's - <https://www.commodity-tv.com/play/isoenergy-winter-2023-drill-program-at-larocque-east-and-hawk-with-new-vp-of-exploration/> - uranium projects are located in the Athabasca Basin in Saskatchewan, an excellent uranium area.

Labrador Uranium - <https://www.commodity-tv.com/ondemand/companies/profil/labrador-uranium-inc/> - owns uranium properties in the Central Mineral Belt in Labrador. It also has a uranium project in Nunavut in an excellent uranium district.

Current corporate information and press releases from Labrador Uranium (- <https://www.resource-capital.ch/en/companies/labrador-uranium-inc/> -) and Iso Energy (- <https://www.resource-capital.ch/en/companies/iso-energy-ltd/> -).

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