

What is the fuel mix for electricity generation in Hong Kong?

In the overall fuel mix for electricity generation in Hong Kong, natural gas dominates the fuel mix in Hong Kong, in 2020 on set-out basis, at around 48%, followed by nuclear energy and renewable energy accounted for around 28% and coal for around 24% .

Is Hong Kong backing hydrogen as a green fuel?

Addressing a networking luncheon in the run-up to October's Eco Expo Asia, Hong Kong SAR Secretary for Environment and Ecology Tse Chin-wan said Hong Kong was backing large-scale development of hydrogen as a green fuel, as it can store power generated from renewable sources, such as solar.

Does CLP provide carbon-free electricity in Hong Kong?

CLP, one of the two utility providers in Hong Kong, has taken substantial efforts in mitigating its environmental impacts. Through a joint venture between the Guangdong Nuclear Investment Co. Ltd and CLP, it can provide carbon-free electricity to customers in Hong Kong, accounting for over 20% of the total electricity supply in Hong Kong.

How much green electricity did HK Electric produce in 2022?

In 2022, these systems generated more than 2 GWh of green electricity. Together with RE produced under the FiT scheme and by our other small-scale RE installations, more than 8 GWh of green electricity was supplied through HK Electric's power system, representing an increase of more than 45% compared with 2021.

Will renewables transform Hong Kong into a low-carbon society?

At the luncheon, Colin Tam, Chairman of the Hong Kong Association of Energy Service Companies, said that renewables will be pivotal in transforming Hong Kong into a low-carbon society, since power generation accounts for 68% of the city's emissions.

Is Hong Kong ready for a low-carbon transition?

Another initiative on climate change mitigation is the Renewable Energy Certificates (RECs), which offer a simple and flexible option for its customers to support clean energy generation. We believe that the power sector in Hong Kong has long been ready for the low-carbon transition.

Although topographical reasons make it unlikely that Hong Kong will be able to become completely self-sufficient in clean energy in the near future, a strong expansion of locally produced renewable energy is an important ...

The Hong Kong SAR Government launched the city's Climate Action Plan 2050 in 2021, setting out the vision of "Zero-carbon Emissions &#183; Liveable City &#183; Sustainable Development" and outlining the strategies and ...

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Through regulation as well as promotion and public education in energy saving, we can reduce the overall electricity consumption of buildings, and hence lower the cost of adopting new zero-carbon energy. This is conducive to maintaining ...

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