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Life-wide Learning Afternoon Castle Peak Power Plant Visit

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Visiting the Power Plant 14th Octoberwer Plant Visiting

Visiting the Power Plant

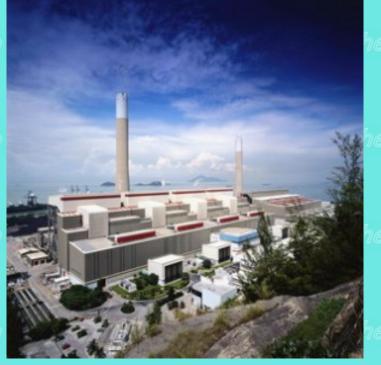
Visiting the

Visiting the Group member:iting the

7S Chow Chi Wai (4)

Visiting the Power Plant
7S Wan Kin (24)

Visiting the Power Plant



Visiting the Power The energy source

Visiting the

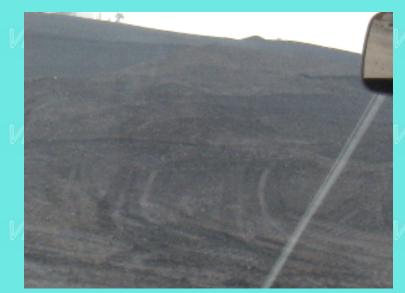
- The Castle Peak Power Plant use <u>coal</u> as the fuel.
- The coal was transport to the site by ships and will be stored outdoor.
- The coal will be grinded before putting into the furnace.

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The coal "mountain"



The grinding machine

The bulldozer stinted with coal

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The power generator

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- The coal will be used to boil the water in the pipe.
- The steam will then pass through the generator, which have many blade inside.
- The blade will turn when the steam pass through it, which will induce a current.
- Besides, the air provided to combust will be filtered first to increase the efficiency.

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The generators

The smoke come out from the furance

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The dirt filtered out from the incoming air

Environmental Protection

- The fume will not be released to the atmosphere directly, which they will pass through some filter first.
- The CLP is building up some more other kinds of filter, for example, the de-sulphur filter. Which use lime to absorb the sulphur dioxide.

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Both photos show the building site of these filters, which needs lots of space.

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