

Lamma Power Station, Phase II, Hong Kong Installation of Generator

Main Client: The Hongkong Electric Company Ltd
Mechanical Erection Contractor: T.D.K. (Taihei
Dengyo Kaisha Ltd)



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POWER 08



Above: The generator unit being lifted inside the travelling frame.

Fagioli PSC were contracted by Taihei Dengyo Kaisha of Japan to install a 195 tonne generator at the Lamma Power Station in Hong Kong. The installation of the generator involved lifting it by 20m using four of Fagioli PSC's L100 strand jacks mounted on a purpose built support structure and travelling frame arrangement. After lifting to just above full height, the travelling frame together with the generator were pulled into position just above final location using two L15 jacks. The L100 jacks were then re-activated to lower the generator onto it's supports and to transfer the load from the travelling frame.

Fagioli PSC have been involved in lifting operations at Lamma Power Station since 1984 and items installed using our equipment have included the following:

- Boiler drum support beams.
- Boiler drums.
- HRSG boiler modules.
- Turbines.
- Generators.



Above: Close up of the travelling frame with the strand jacks on top.

Below: Close up of the fixed anchor units attached to the generator.

