

TAWEELAH B IWPP, Abu Dhabi.

<u>Customer:</u> Babcock Borsig Service/ TAPCO <u>Fogging Units:</u> 2

Plant Description

Taweelah Asia Power Company ("TAPCO") owns and operates the Taweelah B plant under a long-term contract, alongside its sub-contractors, Fortum and Babcock Borsig.

Taweelah B Owner: TAPCO
Power Capacity: 928 MW
Water Production: 92 MIGD

Location: UAE – Abu Dhabi

The "B Extension" consists of:

2 x 97 MW gas turbines (GE PG 9E)

2 x 420 t/h heat recovery steam generators

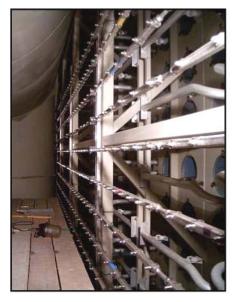
1 x 143 MW back pressure steam turbine
 3 x 7.7 MGD Multi-stage Flash desalination units



Taweelah B Extension

Two fogging units installed on GE9E Gas Turbines. Babcock Borsig Service placed the order for the existing Taweelah B Extension power plant. The first unit was commissioned in March 2006.and the second unit was commissioned in May 2006.

Taweelah B 1x9E	Site Fogging Potential	Additional Generation Potential	Reference Ambient Conditions	Additional Capacity
	63,000 degree-hours /year	53,000 MWh /year	46°C - 42% RH	+10%





Nozzle Array Erection at Taweelah B Plant