

## Manama Outdoor Power Plant



### Overview

The PS5 plant is located at the Alba campus near King Hamad Highway, Askar Industrial Area, in Manama, Bahrain. The Alba Campus houses six aluminium smelter reduction lines and five power stations. Ancillary facilities within the complex include three csthouses, four carbon plants and a. The new power block will be similar to PS5's three existing blocks. A power generation building spanning 6,000m<sup>2</sup> (64,583ft<sup>2</sup>) will be. The M701J gas turbine, featuring air-cooled technology, will have a length of 16.7m, width of 6.5m, height of 6.9m and weight of 550t. The. A consortium of Mitsubishi Power, a division of Mitsubishi Heavy Industries, and SEPCOIII Electric Power Construction, an engineering and construction company based in China, was contracted to provide designing, engineering. The proposed Block 4 is expected to receive its natural gassupply from the existing gas station located near the north-east end of PS5. The operational gas demand of the block is estimated to be about 117 million metric standard cubic feet per day.



## Article Content

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Manama (GPS Coordinates, Nearby Cities & Power Plants)

Manama is a city in Ajman Emirate, inUnited Arab Emirates. Manama is located on the latitude of 25.32568 and longitude of 56.00259.

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#### ALBA Combined Cycle Power Plant Expansion

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Website: <https://www.kingkongautomotive.co.za>

Email: [info@kingkongautomotive.co.za](mailto:info@kingkongautomotive.co.za)

Phone: +27 73 194 5826

Address: Block C, Waterfall Office Park, 1 Magwa Crescent, Midrand, 1685, South Africa

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