Ashuganj South, Bangladesh

450 MW

johncockerill.com/energy
Project Description

The Ashuganj South combined cycle power plant is located in the Brahmanbaria Chittagong district of Bangladesh about 80 km from the capital city of Daka. The plant is owned by the Ashuganj Power Station Company, LTD (APSCL), an establishment of the Bangladeshi government. The existing power station at Ashuganj, to which Ashuganj South is a complement, is situated along the Meghna River delta and generates a large portion of the country’s electricity, thus helping to support its growing economy.

The contract

The Ashuganj South contract was awarded by APSCL to the Spanish consortium, TSK-Inelectra. The consortium, in turn, awarded the contract for the Ashuganj South HRSG unit to John Cockerill Energy, whose boiler experience and expertise enabled it to provide the customer with the necessary technologies in a cost-effective manner.

Plant operation

The Ashuganj South HRSG, which supplements the existing APSCL facility, is designed for base load operation.

Gas turbines

- Siemens SGT5-4000F
- Fuel: natural gas

Heat recovery steam generators

- 1 Horizontal John Cockerill HRSG
- Triple pressure + reheat

Performances

<table>
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<tr>
<th>STEAM</th>
<th>°C</th>
<th>barA</th>
<th>t/h</th>
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<tr>
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<tr>
<td>Reheater</td>
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Schedule

- Contract Award: November 2012