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Alstom and Dalia Power Energies inaugurate Haruvit combined-cycle power plant

Alstom and Dalia Power Energies reach a major milestone in their partnership today with the inauguration of the 835 MW gas-fired power plant, built by Alstom in Haruvit (Israel), in the presence of Yuval Steinitz, Minister of Infrastructure, Eitan Meir, Dalia Power Energies CEO, Doron Set, Chairman of Dalia Power Energies board, and Patrick Kron, Alstom Chairman and CEO.

Alstom has supplied Haruvit on a turnkey basis. The company managed the entire project from the initial design to the final commissioning of the plant, with planning, quality and safety at the centre throughout the project which was completed and delivered in 32 months. The plant boasts a 58% gross efficiency, making it the most efficient power plant in Israel, providing substantial fuel costs savings and adding close to 8% of the country's installed power generation capacity. It also enables a significantly lower environmental footprint, thanks to emissions of 350 g CO₂/kWh - close to half the Israeli average.

The 2 gas-fired combined-cycle units integrate Alstom's GT26 gas turbine, steam turbine, generator and heat recovery steam generator. The power plant is connected to the grid thanks to Alstom's distributed control system Alspa Series 6 and 420 kV gas-insulated substation. Alstom is also in charge of full operation and maintenance for a period of twenty years.

Commenting at the inauguration ceremony, Patrick Kron, Chairman and CEO Alstom said: *"Alstom is proud to celebrate today the delivery of Haruvit power plant. It represents the group's first entry into the Israeli gas market with a world-class power plant to meet the country's energy needs, thanks to the most efficient and flexible power generation units in the entire national generation fleet."*

The plant is located 40 km south-east of Tel Aviv, at the intersection of the national electricity grid. This strategic location will enable the plant to feed electricity to both the grid's northern and southern sections, increasing the reliability of the electricity supply to the end-users. The Israeli government is encouraging investments by Independent Power Producers, and the recent discoveries of major gas reserves near the Israeli coasts pave the way for investment in gas-fired combined-cycle power projects.

About Alstom

Alstom is a global leader in the world of power generation, power transmission and rail infrastructure and sets the benchmark for innovative and environmentally friendly technologies. Alstom builds the fastest train and the highest capacity automated metro in the world, provides turnkey integrated power plant solutions and associated services for a wide variety of energy sources, including hydro, nuclear, gas, coal and wind, and it offers a wide range of solutions for power transmission, with a focus on smart grids. The Group employs 88,000 people in around 100 countries.

Press contacts

Virginie Hourdin-Brémond - Tel. +33 (0)1 41 49 21 36

virginie.hourdin-bremond@chq.alstom.com

Christopher English (Alstom Thermal Power) - Tel +33 (0)1 41 49 26 85

christopher.english@power.alstom.com

Daniela Pradella (Alstom Italy) – Tel +39 0224 348 4493

daniela.pradella@alstom.com

Investors relations

Selma Bekhechi / Perrine de Gastines – Tel: +33 (0)1 57 06 95 39 / +33 (0)1 41 49 21 79

selma.bekhechi@transport.alstom.com; perrine.de-gastines@chq.alstom.com

Internet www.alstom.com