

ENERGY SECTOR

ZAHRANI AND SELAATA IPP PROJECTS

GOVERNMENT ENTITY
Ministry of Energy and Water
PROJECT DESCRIPTION
<p>Implementation of two Independent Power Producer (“IPP”) projects involving two Combined Cycle Gas Turbine (CCGT) power plants located in Zahrani and Salaata areas, each with a capacity ranging between 500 MW and 600 MW.</p> <p>In terms of fuel supply, GoL is planning to develop Floating Storage Regasification Units (FSRUs) for Liquefied Natural Gas (LNG) for each Project. The deployment of the FSRUs is expected to be finalized by GoL ahead of the Projects’ completion. Both Projects are planned to have dual fuel capabilities using natural gas as a primary fuel and Heavy Fuel Oil (HFO) as a secondary fuel with diesel oil being a start-up fuel and a back-up fuel.</p>
OBJECTIVES AND EXPECTED IMPACT
<ul style="list-style-type: none"> - Increase national power generation capacity. - Decrease the cost of electricity by using natural gas and efficient production technologies. - Decrease the emissions factor of electricity production in Lebanon by using environmentally friendly technologies. - Provide alternative power capacity to allow for the gradual replacement of old plants.
EXPECTED ROLE OF THE GOVERNMENT
<ul style="list-style-type: none"> - Provide land and supply fuel. - Grant IPP License. - Terms and Conditions for the above to be detailed in the Transaction Documents to be developed by the IFC for the benefit of the Government of Lebanon.
EXPECTED ROLE OF THE PRIVATE PARTNER
<ul style="list-style-type: none"> - To fully develop the Projects through the provision of Financing, Engineering, Procurement and Construction services, and Operation and Maintenance services for the plants’ lifetime. - Terms and Conditions for the above to be detailed in the Transaction Documents to be developed by the IFC for the benefit of the Government of Lebanon.
PROJECT LOCATION
<ul style="list-style-type: none"> - Zahrani site is adjacent to the existing power plant. - Selaata site is located in the area near the existing waste water treatment plant.
PROJECT TIMELINE
<ul style="list-style-type: none"> - IPP Transaction Closure is expected within 18 months from the start of the Transaction Advisory services to be performed by the IFC. - Projects completion to be with a maximum of 30 months from award.
EXPECTED CAPEX (USD)
USD 600MM per project
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