



## Future Technologies receives contract for Process Water and Waste Water Systems for Gas-fired Power Plant in Africa

UAE, Dubai, July 2014

Future Technologies L.L.C., Dubai, UAE, has received a contract to design & build a Process Water & Waste Water System for a Power Plant Facility in Ghana.

The project, a 223 MW gas-fired power plant is situated on an undeveloped costal site close to the town of Kpone near Accra, the capital of Ghana.

FT decided for the most cost effective solution and offered a new, unique Demineralization Package, containing RO & EDI on one common ultra-compact SKID with significant footprint and cost savings, as well as the advantage that Regeneration chemicals are not required with the EDI process resulting in lower operation costs .

End users brief was that the installed Waste Water Plant should be compact and use the least amount of space as possible. For this reason, a Moving Bed Bio Reactor (MBBR) Plant was offered which uses a very low footprint, low energy consumption and almost no sludge waste to be disposed of.

The Chemical Coagulation Plant The plant will be used to treat contaminated waste water from the Power Plants cleaning cycles which typically contain aggressive contaminants from cleaning chemicals.

### Capacity

- RO/ EDI :1,617 m<sup>3</sup>/d Demin. Product Water
- WWTP : 35 m<sup>3</sup>/d Treated Product Water



### Future Technologies L.L.C. at a glance

Future Technologies L.L.C. is a leading provider of Clean Water Technologies, Systems and Solutions to the Industries in the Middle East & North Africa ( MENA) with main focus on the Oil & Gas and Energy Industry. The company addresses some of the most critical potable water, process water and re-use water requirements such as drinking water, produced water, cooling water, boiler feed water for major industrial clients.

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