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## geothermal

Turkey

### EXERGY Now Offering Made-in-Turkey Generators

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**Providing local production of its Radial Outflow Turbines since 2014, Italian company, Exergy, has now signed an exclusive agreement with NIDEC ASI, to supply its Turkish clients with locally manufactured generators.**



With this new opportunity, Exergy's clients will benefit from a further 7 USD/MWh (\$0.07/ kWh) on top of the basic feed-in-tariff rate of 105 USD/MWh (\$0.105/ kWh) and to the 13 USD/MWh (\$0.13/ kWh) bonus already granted by Exergy to its clients with the local turbine and auxiliaries production.

The company will supply the first 12 MVA power plant generator Made-in-Turkey for a new 10 MWe geothermal project recently signed with Kiper Elektrik Üretim A.Ş., part of Kipaş Holding group. This plant, exploiting a geothermal resource at 125 °C, consists of a water cooled ORC unit with two pressure-level cycles expanded on a single disk Radial Outflow Turbine and will become operational by the end of 2018.

The Made-in-Turkey generator, together with the other Turkish components, will qualify Kiper for additional incentives on the feed-in-tariff bringing an increase of up to 19% in revenues, reducing the payback period for the plant investment.

Exergy's partnership with NIDEC dates back to 2013 supplying projects around the world with a total of 13 generators now generating 200 MW of green power. This alliance for the production of generators in Turkey will made Exergy the first company to offer this opportunity in the market. Nidec ASI leads the Industrial Solutions platform of NIDEC group.

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