



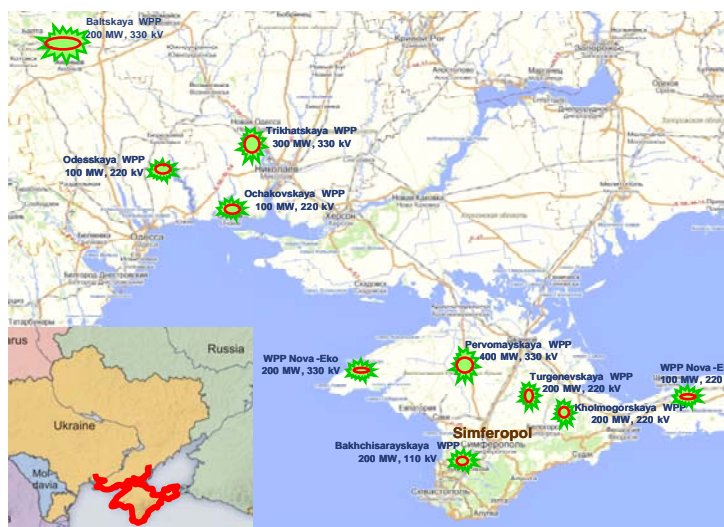
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# SUCCESS STORY

## Black Sea Regional Transmission Planning Project (BSTP) Releases a Renewable Energy Compendium Report

### BSTP system operators provide a forecast of national renewable energy generation



Planned wind projects in Crimea, Ukraine

The Renewable Energy Compendium Report is a compilation of the most authoritative set of renewable energy generation forecasts for the countries of the Black Sea region. The report's energy generation forecasts were developed through a detailed examination of data from country TSO's, ministries, national regulators and institutions relating to national renewable energy policies and development plans, regulations, tariffs, fiscal renewable energy incentives, connection procedures and critical issues affecting the integration of intermittent renewable energy resources. The report is intended to provide policy makers, regulators, investors and international financial institutions with a snapshot of the renewable energy policies, plans, incentive schemes and interconnection issues of each of the Black Sea transmission system operators.

***“BSTP system operators report they are expected to incorporate large quantities of renewable energy in the form of wind, hydroelectric and solar generators in the medium and long-term planning horizons.”***

The full report is available online at: [www.useea.org](http://www.useea.org)

In the medium and long-term planning horizons, BSTP system operators expect to incorporate large quantities of renewable energy in the forms of wind, hydroelectric and solar generators. The addition of this capacity will change the planning and operational parameters of national and regional transmission networks. Data from the report is being used to populate the 2015 and 2020 OPF and load flow models to provide the most accurate estimates of renewable energy generation capacity available in the region.

The Optimal Power Flow model provides the Working Group with the region's first transmission constrained optimized dispatch models of the national and regional systems by taking into account generation capacity projections, national energy policy, tariffs and additional incentives. By using economically based scenarios for cross border trade, the optimized models will test the security and reliability of the regional network. The results will suggest where network reinforcement and new interconnections are required to optimize regional trade of new, clean and renewable resources.

As part of the third phase of the BSTP project, the BSTP Renewable Energy Compendium Report complements the recently released BSTP Optimal Power Flow Regional Model Construction Report.

#### Telling Our Story

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