



Renewable Energy development progress and plans for 2016

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Ministry of Energy of Georgia

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Renewable Energy Potential

Hydro Potential

Theoretical 137 billion KWh

Technically feasible 90 billion KWh

Economically feasible 50 billion KWh

WIND Potential

Generation - 4 billion KWh

Installed capacity -1500 MW

SOLAR Potential

250-280 sunny days

average radiation 4.2 kwh/m²

Geothermal water reserves

250 mln m³ per year

30-100 ° C



Renewable Energy Development Progress

- Country's installed capacity - 3715.1 MW
2801.9 MW - HPP capacity;
- 2012-2015 - 160 MW has been constructed;
11 small and medium size run of river HPPs;
- 2015 -MOUs for construction of WPP \approx 400 MW;
- 2016 - MOU for construction of biogas fired TPP \approx 3MW;



Plans for 2016

➤ **Exploitation of 406 MW Capacity**

Wind PP "Qartly" - 20 MW ;

Kintrisha HPP - 6 MW;

Kirnati & Khelvachauri HPPs - 100 MW;

Dariali HPP - 108 MW;

Shuakhevi HPP - 175 MW



➤ New MOUs on research and construction of WPP \approx 310 MW

➤ Support scheme for micro power plants (up to 100 kw).



Thank You For Your Attention!

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