

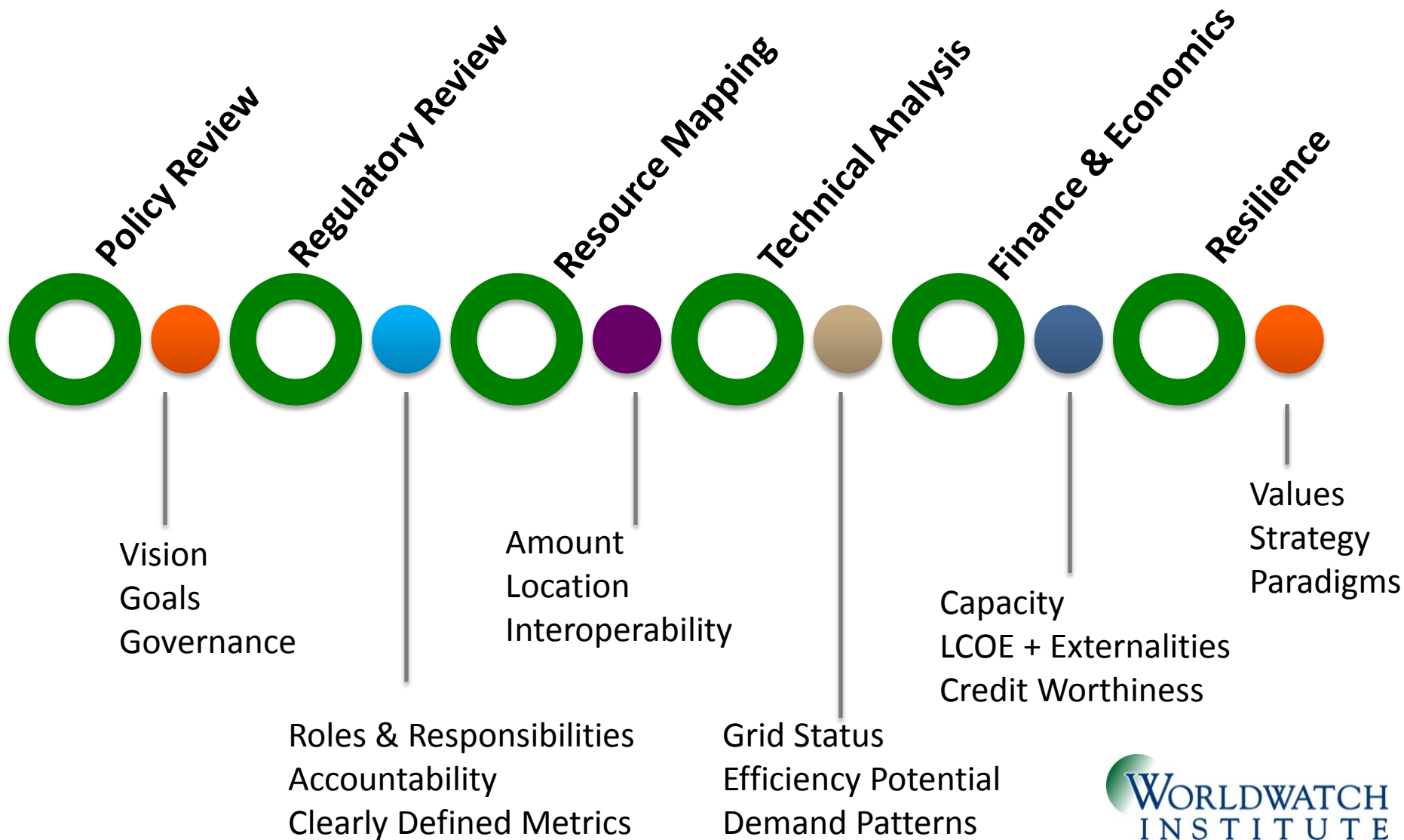
Sustainable Energy Roadmaps:

Pathways to an Affordable, Reliable, Low-Emission
Electricity System



Bermuda Energy Summit 2017
Building Bermuda's Energy Future

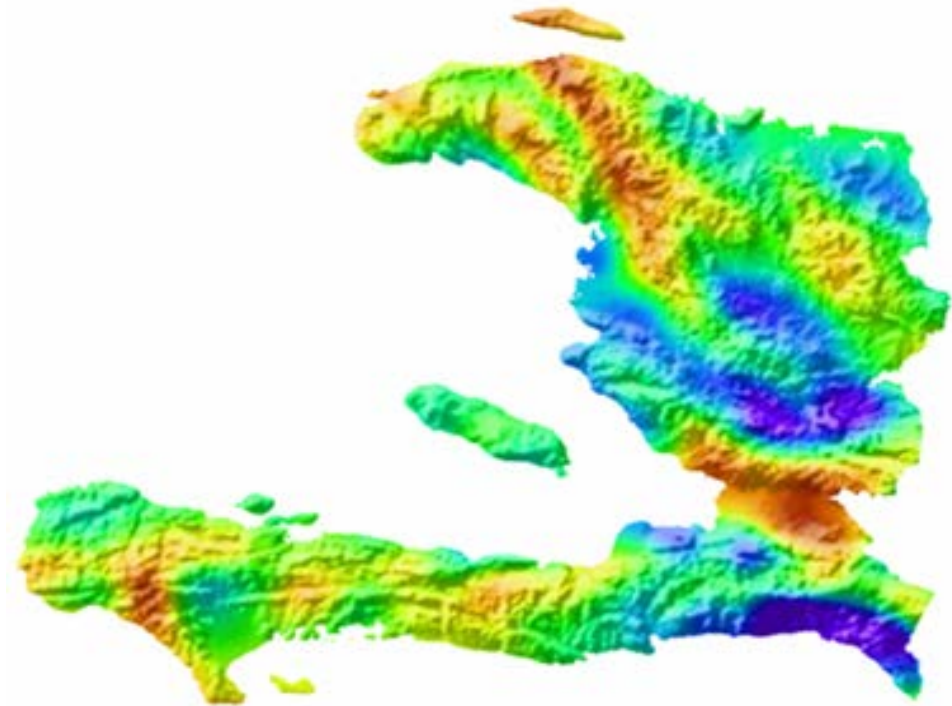
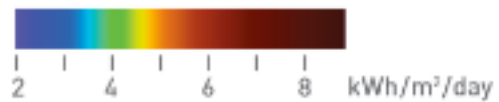
Roadmap Development Process



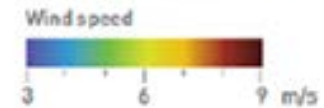
Resource Mapping



Global Horizontal Irradiance

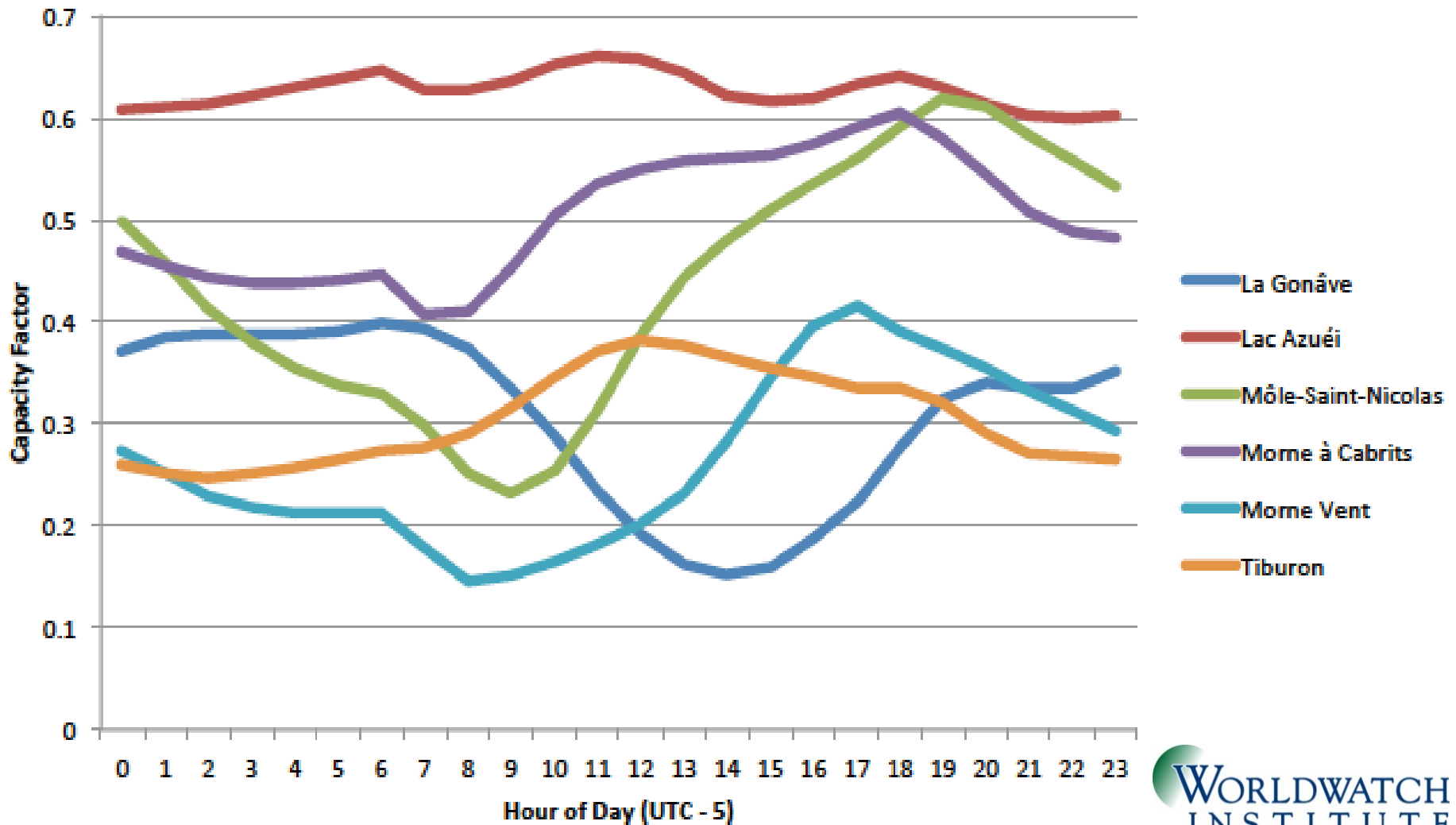


5km Wind Map at 80m



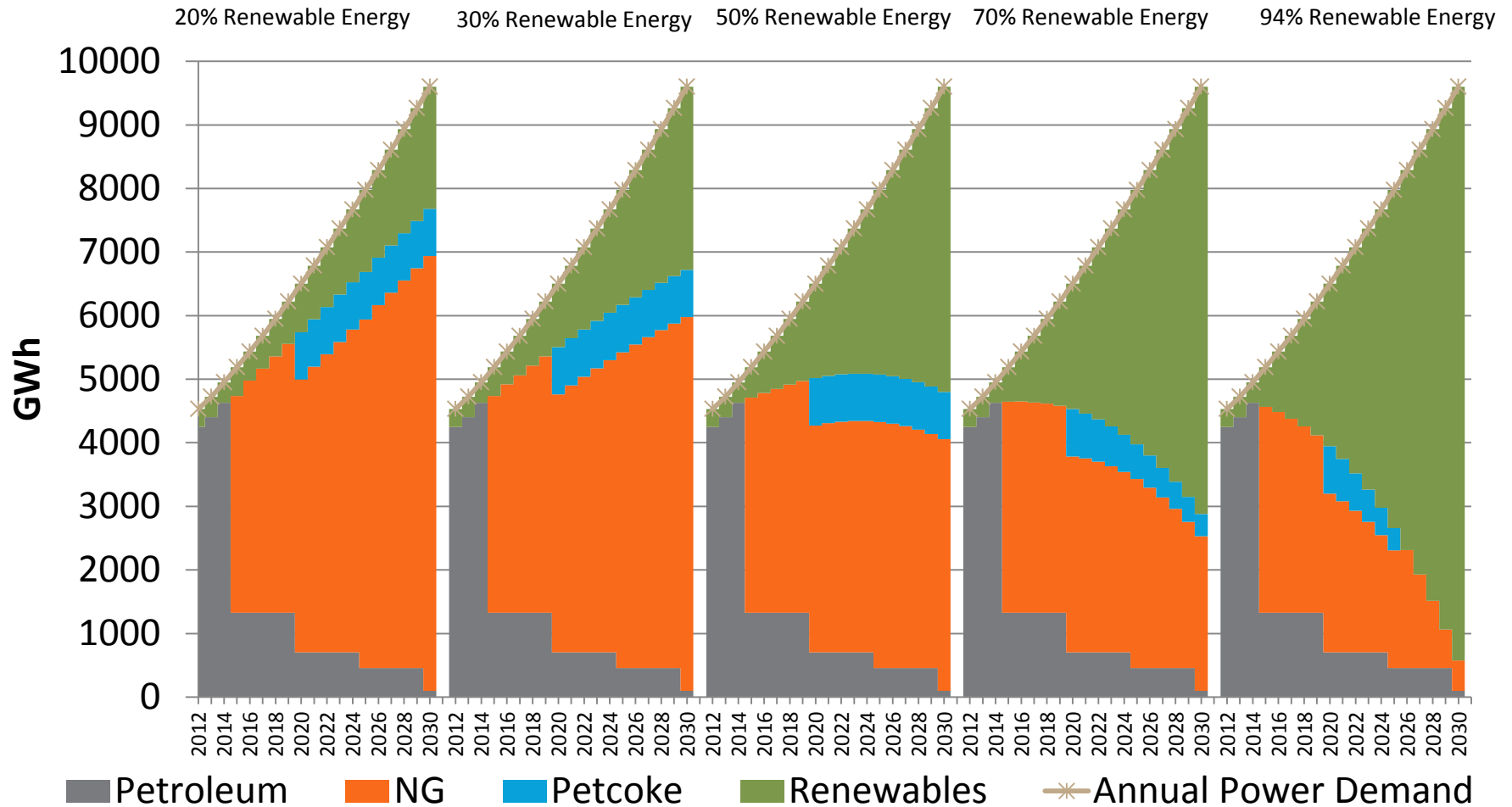
Resource Mapping

Diurnal Cycle of Capacity Factor at 80m



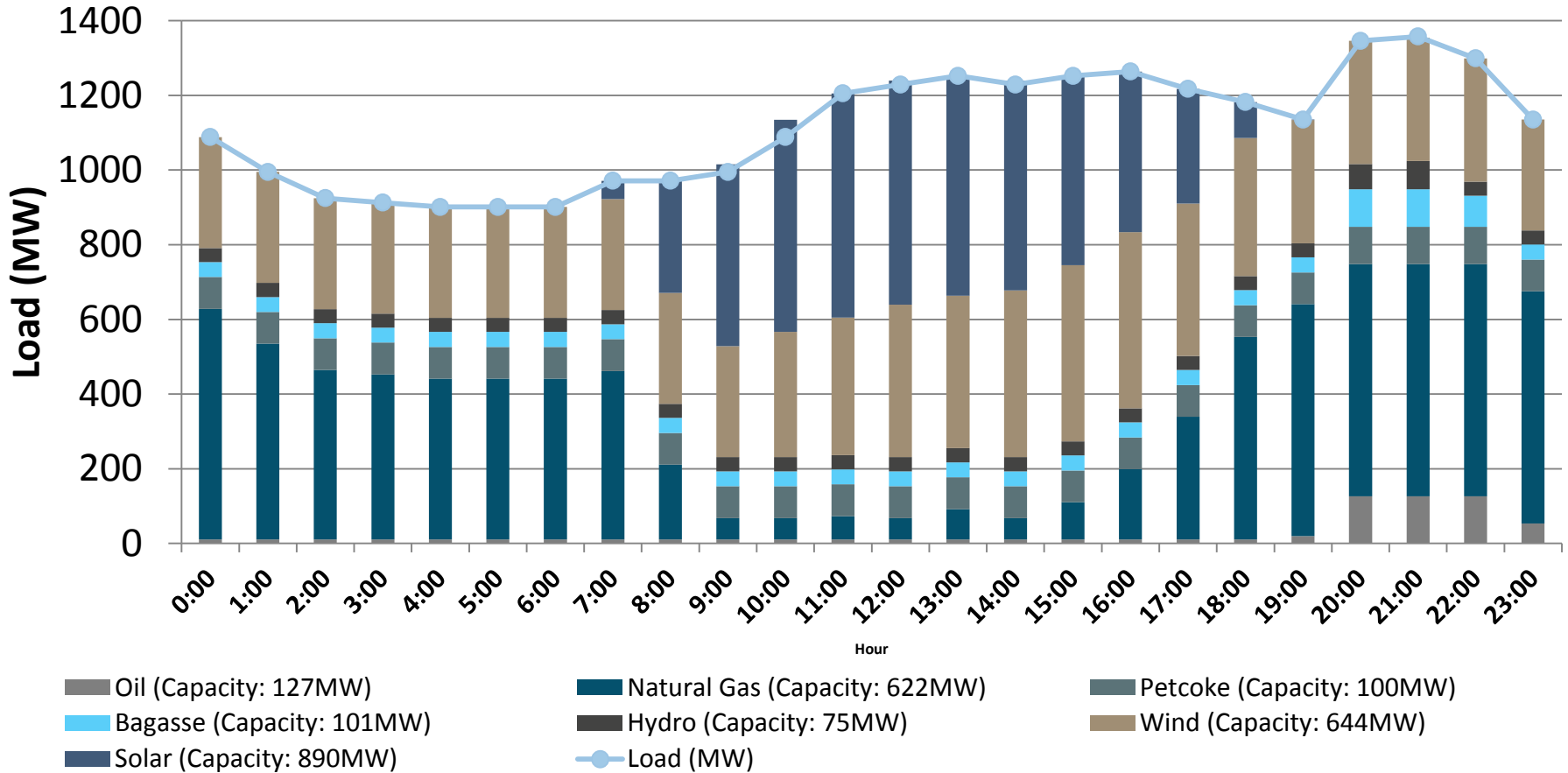
Jamaica Energy Demand & Generation

Annual Demand & Generation - Scenario 1: RE/Gas

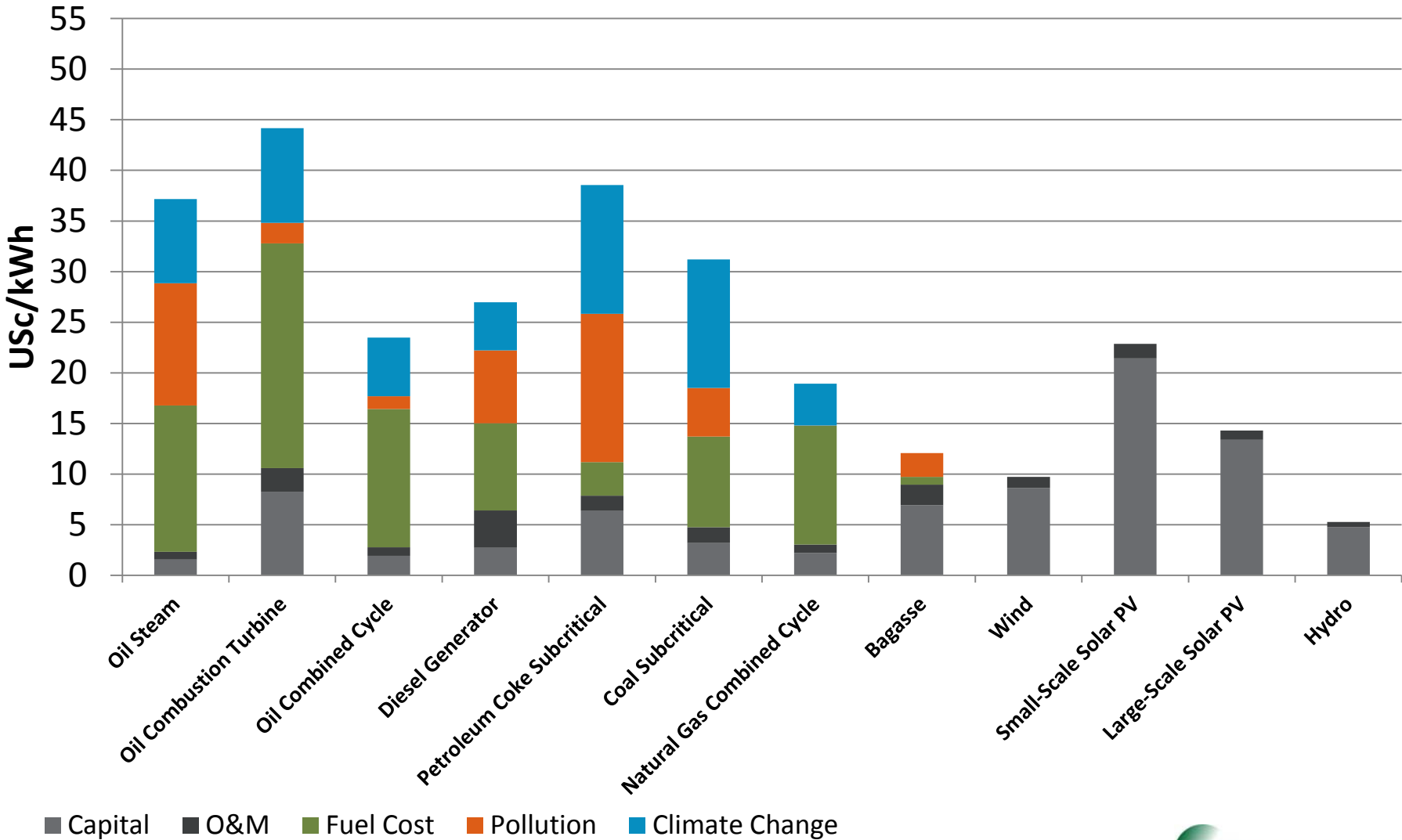


Projected Jamaica Energy Matrix in 2030

Electricity System in 2030 (50% Renewable Energy)
LNG Used as Expansion



LCOE With Externalities



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