



WRI INDIA



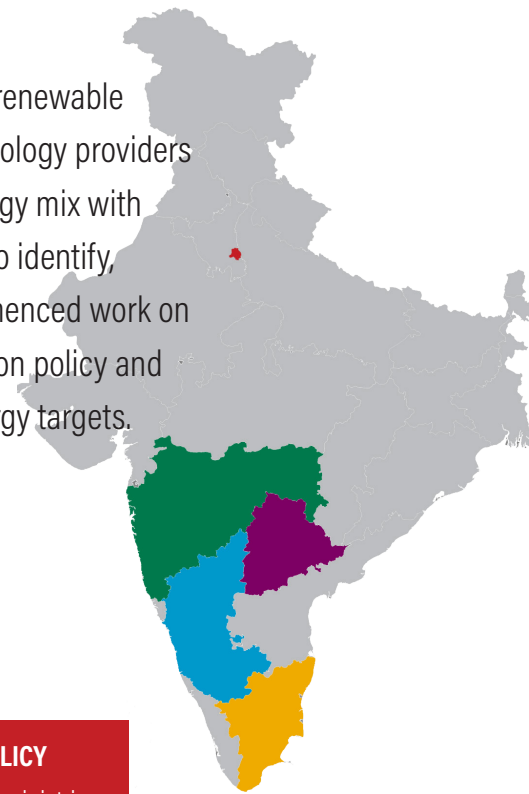
Confederation of Indian Industry



GREEN POWER MARKET DEVELOPMENT GROUP INDIA

GPMDG India is an industry-led initiative aimed at rapidly increasing the share of renewable energy in the overall energy consumption of commercial and industrial establishments. This will be accomplished by addressing the policy, regulatory and market barriers that currently impede the growth of renewable energy sector. GPMDG works with the government agencies and other relevant institutions to help member companies voluntarily set and achieve their renewable energy goals.

OUR WORK | GPMDG promotes the goal of increasing the use of renewable energy by sharing best practices and collaborating with government, technology providers and financiers to develop a stronger business case for diversifying the energy mix with clean energy. WRI India, CII and corporate members work closely together to identify, evaluate and pursue renewable energy opportunities. In 2017, GPMDG commenced work on demonstrating aggregated procurement models for clean energy, focusing on policy and advocacy in order to maximise impact and help India achieve its clean energy targets.



SCALING-UP CLEAN ENERGY IN KARNATAKA

GPMDG began in 2013, focusing its activities in Karnataka. Resources developed by the team helped several businesses with solar power procurement as well as in defining appropriate renewable energy targets. Thus far, GPMDG has successfully facilitated projects worth 110MW in Karnataka and worked with stakeholders to create a stable long-term policy framework that is conducive to solar power deployment in the state. As a result, more than 200MW of new solar projects have been commissioned.

AGGREGATING CLEAN ENERGY PROCUREMENT IN TAMIL NADU

In 2014, GPMDG expanded to Tamil Nadu, which already had a favourable clean energy environment within the government and business communities. GPMDG worked with corporate buyers to finalise transactions to procure wind and solar power, which are currently in various stages of completion. The team also submitted its recommendations on the proposed draft amendments to ownership rules for captive and group captive power plants to the state government in November 2016.

NATIONAL-LEVEL POLICY

GPMDG engages with ministries and other agencies at the national-level to inform policy and decision-making in the clean energy sector.

INCREASING CLEAN ENERGY UPTAKE IN TELANGANA

In 2017, GPMDG expanded to Telangana, where a steering committee comprising stakeholder groups was formed to identify priorities for increasing clean energy uptake.

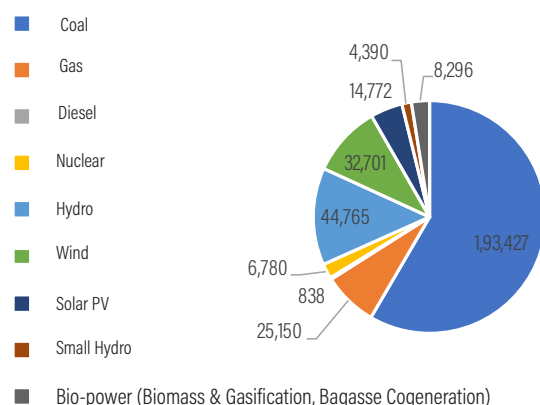
SUPPORTING CLEAN ENERGY USE IN MAHARASHTRA

GPMDG started working in Maharashtra in 2016 and worked with commercial and industrial buyers to submit a set of policy expectations to the state government. Sector-specific committees were formed with representatives from buyers, sellers, and thought leaders to lead an in-depth engagement in the state.

INSTALLED ELECTRICITY CAPACITY IN INDIA (MW)*

AS OF OCTOBER 2017

*www.cea.nic.in, www.mnre.gov.in



RENEWABLE ENERGY

COLLABORATIVE SOLAR PURCHASING PROJECT | GPMDG

launched this unique initiative, *CollabSolar*, that aggregates the demand for on-site solar photovoltaic (PV) systems across neighbouring businesses, with an aim to:

INCREASE

the scale and accelerate the rate of deployment of solar technologies

DECREASE

transaction costs of rooftop solar projects

ENCOURAGE

corporations to make investments in renewable energy generation

SUPPORT

technology advancements

REDUCE

greenhouse gas emissions

AGGREGATED CLEAN ENERGY PROCUREMENT |

Based on lessons learnt from the *CollabSolar* experience, WRI India is now working on demand aggregation with three industrial parks, and an urban residential complex, spread across four states.

Industrial parks and other large groups of consumers, like residential complexes, are natural aggregators whose energy demand can be clubbed together for potential supply from renewable energy sources. This approach also presents an opportunity for sector-wise aggregation. For instance, large corporations in the automotive or textile sectors have the potential to aggregate energy demand from a large number of SMEs and MSMEs along their supply chains.

URBAN AGGREGATION, BANGALORE

WRI India and TIDE are helping large residential complexes in Bangalore increase the share of clean energy in their electricity consumption by implementing energy efficiency and renewable energy measures.

NARODA INDUSTRIAL ESTATE, AHMEDABAD

WRI India is working with the Gujarat Cleaner Production Centre to help tenants of Naroda Industrial Estate procure clean energy.

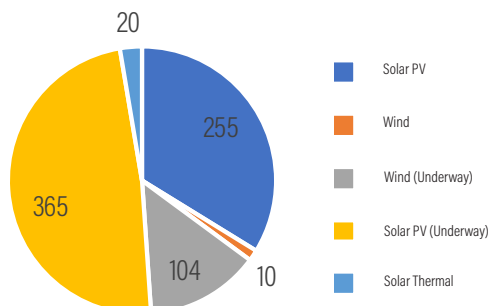
MAHINDRA WORLD CITY, CHENNAI

GPMDG has partnered with Mahindra World City, Chennai and is working on assessing the feasibility of expanding the presence of renewables in their energy mix.

TATA MOTORS, PUNE

WRI India is working with Tata Motors in Maharashtra on aggregating demand from the SMEs and MSMEs along their supply chain.

RENEWABLE ENERGY IN INDIA



RENEWABLE ENERGY SUPPORTED BY GPMDG (MW)

AS OF OCTOBER 2017

ABOUT GPMDG

The Green Power Market Development Group (GPMDG) India, launched in January 2013, is a partnership between World Resources Institute India, Shakti Sustainable Energy Foundation, and Confederation of Indian Industry (CII) that works with large commercial and industrial energy consumers in India to rapidly scale up the use of renewable energy in the overall energy consumption. Since then, this initiative has expanded to include the natural aggregator approach, with support from MacArthur Foundation.



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CONTACT US

DEEPAK KRISHNAN | WRI India
dkrishnan@wri.org

R RAVI CHANDER | CII
ravi.c@cii.in

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