



e-Learning Workshop: Solar Policy Interpretation & Implementation Processes

Introduction to the Workshop

Presented by: Kshitiz Vishnoi

(Sr. Manager, AHASolar Pvt Ltd)

22nd April 2020, Ahmedabad (India)



- ▶ The Objective of the e-Learning Workshop
- ▶ Topics to be covered in the Workshop
- ▶ Identification of EPC Company's jobs

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Rooftop solar projects must for India to meet 175 GW renewable energy goal: Report

Out of 100 GW solar capacity target, 40 GW is likely to be achieved by installation of rooftop solar projects.

PTI | May 07, 2019, 06.30 PM IST



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Getty Images



NEW DELHI: India needs faster implementation of roof-top solar projects to meet the 175 gigawatts of renewable energy target by 2022, a report has said.

The country has set an ambitious target of installing 175 GW of renewable energy capacity by the year 2022, which includes 100 GW from solar, 60 GW from wind, 10 GW from bio-power and 5 GW from small hydro-power.

India has installed 28 GW of solar capacity, a four-fold
Source Date: 7 May 2019; Economics Times and MNRE



Press Statement by on July 2019:
Shri R.K. Singh
Honorable Minister of State (Independent Charge)
Ministry of New and Renewable Energy, Govt. of India

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Will Achieve Target Of 175 Gigawatts Renewable Power By 2022: Minister

R K Singh said in Lok Sabha that so far total renewable power capacity of 33.47 GW has been installed in the country during the last three years and current year till May 31.

All India | Press Trust of India | Updated: July 05, 2019 00:05 IST

India's Renewable Energy Target by 2022 (by Source)

Units: Gigawatt



Source: MNRE



Address at United Nations Climate Action Summit: on Sept. 2019

Shri Narendra Modi
Honorable Prime Minister, India

PM Modi vows to more than double India's non-fossil fuel target to 450 GW by 2022

Sriram Lakshman

NEW YORK, SEPTEMBER 23, 2019 20:49 IST
UPDATED: SEPTEMBER 24, 2019 01:06 IST

Prime Minister Narendra Modi, India addresses the climate summit at UN headquarters in New York on September 23, 2019.

Source: [Twitter/@UNFCCC](https://twitter.com/UNFCCC)

AHA! Solar at a Glance

Partner with 3 State Government Agency i.e. Gujarat, Jharkhand & J&K for AHA! Unified Single Window Portal

100000+ Projects Created on AHA Solar Online Platform

1000+ Empowered Solar EPC Company & listed on AHA Solar Online Platform

Start-up recognized by Department for Promotion of Industry and Internal Trade, Gol

AHASolar Pvt. Ltd.

Presence of AHASolar

1. Gujarat

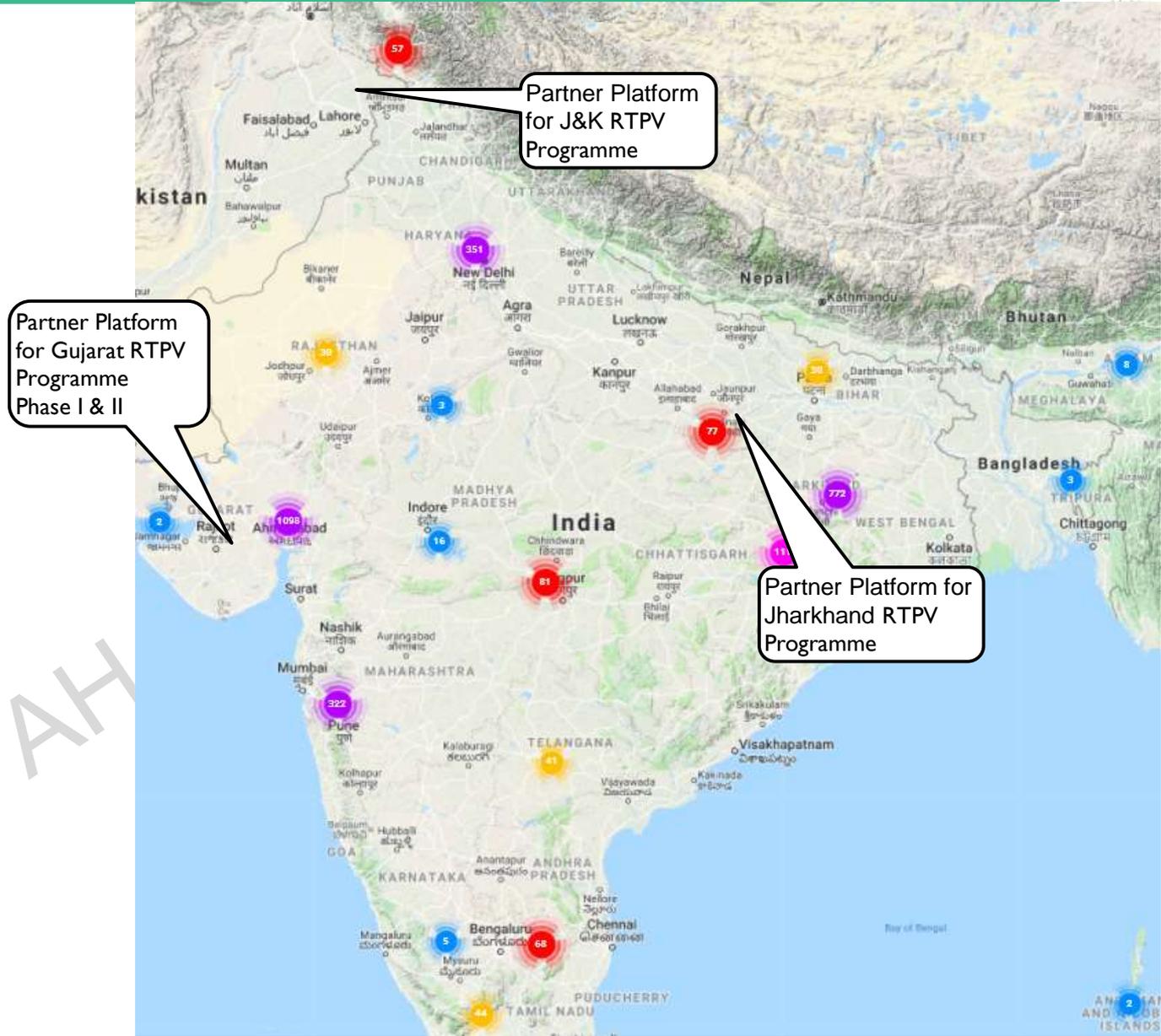
- 1. GEDA
- 2. GUVNL

2. Jharkhand

- 1. JREDA

3. Jammu & Kashmir

- 1. JAKEDA



▶ Who We Are

- ▶ A Cloud based **Work Management Software** for sales, design & operations of Solar PV companies.

▶ Platform for All

- ▶ End Consumers – Aggregator Tool; Financing Platform on short EMIs
- ▶ Solar PV Installers i.e. Business – Sales; CRM; Technical Design Tool; Work Management Tool; &
- ▶ Government Agencies – Process Management Tool

▶ Our Goal

- ▶ To provide “**Innovative Digital Solar Solution**” to make solar sales, design and operation more efficiently

AHASolar Pvt. Ltd.

Government Clients



Development Corporations



Corporates/ Consulting Firms

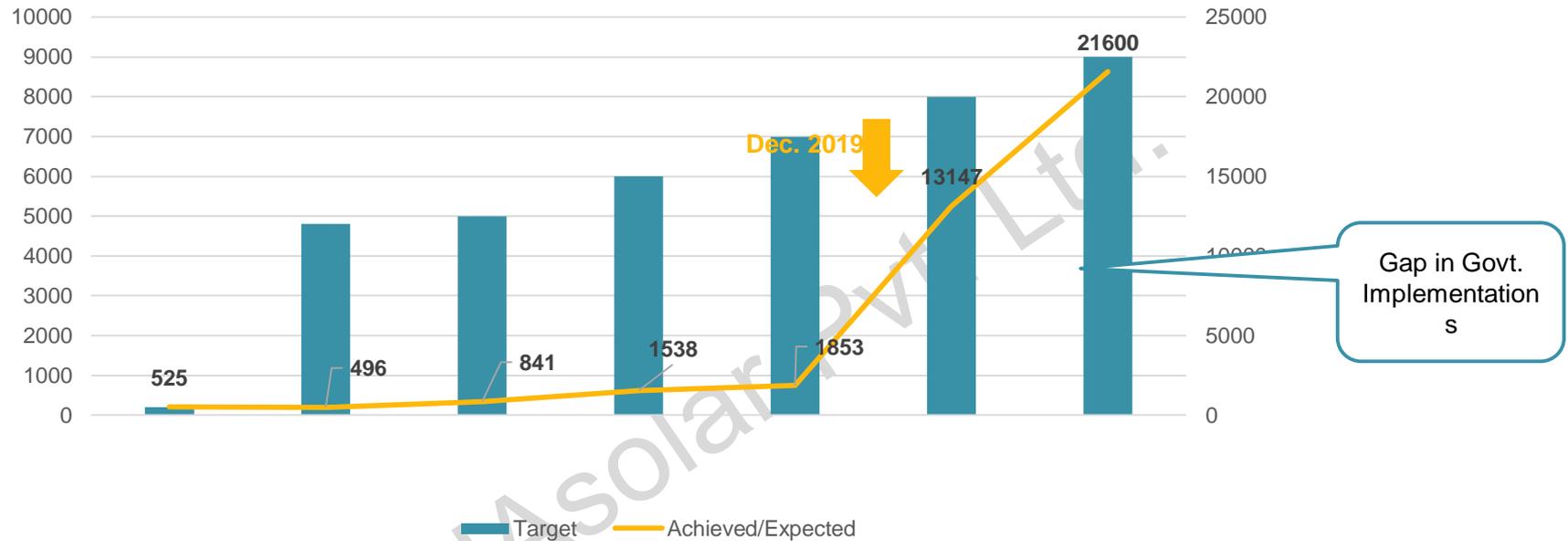


Solar Companies



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Rooftop Solar Market Target by 2022 in MW



- Target of Rooftop Solar = **40 GW** by 2022
- As on Dec. 2019 Installed ~ **5 GW**
- To be done ~ **35 GW** in 2 years

- ▶ **Solar PV Modules**
 - ▶ Type of Solar PV Modules
 - ▶ Process Cycle of PV module
 - ▶ Market Share
- ▶ **Grid-Connected Inverter**
 - ▶ Functions of the Inverter in the PV systems
 - ▶ Standards & of grid connected Inverter
 - ▶ Inverter efficiency
- ▶ **Project Management & Monitoring**
 - ▶ Project Management Fundamentals
 - ▶ Project Management Processes
 - ▶ Softwares available

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