



Introducing Rajasthan as a Solar Destination

10th March 2016

Advantage Rajasthan

- ❑ **18% CAGR in last 5 years** – GSDP & Per Capita Income
- ❑ Proximity to **National Capital Region**– access to **1/3rd** of India's population and GDP
- ❑ Infrastructure : **Delhi – Mumbai Industrial Corridor**
- ❑ **6th in Ease of Doing Business Ranking**
- ❑ Single Window Clearance System

Advantage Rajasthan - Solar

- ❑ Highest number of sunny days (325 days in a year)
- ❑ Highest Solar Radiation in the Country - **5.72 kWh/m²/day**
- ❑ Vast tracts of unused barren land
- ❑ Maximum Solar Power Potential in the Country:
 - Solar Potential of Country – 748 GW
 - Solar Potential of Rajasthan - 142GW
- ❑ **Plant and machinery** used for generating solar energy is **exempted** from State Value Added Tax

Rajasthan Solar Energy Policy 2014

□ Policy Vision

- To create solar power capacity of **25,000 MW**

□ Salient Features

- Provides for a facilitative environment
- Fast track approval of Mega Power Projects
- Government land at affordable rates
- Farmers allowed to sublet their holdings
- Change of Land Use not required

Rajasthan Solar Energy Policy 2014

□ Incentives / Facilities

- Grant of incentives available to Industries as per Rajasthan Investment Promotion Scheme (RIPS)
- Solar power projects notified under '**Green Category**' by Pollution Control Board
 - Consent applications to be **disposed of within 15 days**.
- Net-Metering regulations issued for Solar Rooftop

Solar Infrastructure

❑ Development of Solar Parks

- Development by Government
- Private sector led development
- JVs between GoR and private companies

❑ In-principle approval of 4 Solar Parks of 2930 MW by MNRE

- Bhadla Phase-II (680MW) – Rajasthan Solar Park Development Company.
- Bhadla Phase-III (1000MW) – JV with IL&FS Energy.
- Bhadla Phase-IV (500MW) – JV with Adani Renewables.
- Phalodi-Pokaran Solar Park (750MW) – JV with Essel

Solar Infrastructure – Solar Parks

❑ Joint Venture Companies for the development of Solar Parks

S.N	Name of Developer	Purpose	Capacity (MW)	Investment (USD Mn)
1	IL & FS	Solar Park	5,000	515
2	Essel Infraprojects	Solar Park	5,000	515
3	Adani Group	Solar projects of 5000MW within these solar parks	10,000	5,880
4	Reliance ADAG	Solar projects of 3000MW within these solar parks	6,000	3,675
Total			26,000	10,585

Solar Infrastructure – Solar Power Generation

❑ MoUs for setting up of solar power projects

S.No	Company	Capacity (MW)
1	Soft Bank	10,000
2	Sun Edison	5,000
3	Suzlon	1,500
4	Azure Power	1,000
Total		17,500

Key Achievements in RE

- Highest **RE capacity addition** during 2014-15.
- Highest **wind & solar power capacity** addition during 2014-15.
- Highest **solar RPO compliance** during 2014-15.
- Highest cumulative numbers of **Solar Water Pumps**
- Second highest cumulative numbers of **solar home lighting systems.**
- Third highest grid connected **solar rooftop power** capacity addition.
- Third highest cumulative kWp of **off-grid Solar Power Plants.**
- **Excellent Performance in Promotion of RE at RE-INVEST 2015.**



सत्यमेव जयते

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