

# Installed Capacity of Solar power in India

The amount of solar energy produced in India in 2007 was less than 1% of the total energy demand. The grid-interactive solar power as of December 2010 was merely 10 MW. Government-funded solar energy in India only accounted for approximately 6.4 MW-yr of power as of 2005. However, India is ranked number one in terms of solar energy production per watt installed, with an insolation of 1,700 to 1,900 kilowatt hours per kilowatt peak (kWh/KWp). 25.1 MW was added in 2010 and 468.3 MW in 2011. By July 2012 the installed grid connected photovoltaics had increased to 1040.67 MW, and India expects to install an additional 10,000 MW by 2017, and a total of 20,000 MW by 2022.

## India's largest photovoltaic (PV) power plants

Name of the Plant	DC Peak Power (MW)	Notes
Amruth Solar Power Plant - Kadiri, Andhra Pradesh	1	Commissioned March 2012
Azure Power - Ahwan Photovoltaic Plant, Punjab	2	December 2009
Azure Power - Sabarkantha, Khadoda village, Gujarat	10	Commissioned June 2011, 63 acres, using 36,000 Suntech Power panels.
B&G Solar Pvt Ltd - Mayiladuthurai, Tamil Nadu	1	India's First plant Commissioned under JNNSM scheme 10 June 2011
Bitta Solar Power Plant (Adani Power) - Bitta, Kutch District, Gujarat	40	Commissioned January 2012
Chandrleela Power Energy - Narnaul, Haryana	0.8	Commissioned 15 January 2012, (EPC by Aryav Green Energy Solutions Pvt. Ltd.)
Charanka Solar Park - Charanka village, Patan District, Gujarat	214	Commissioned April 2012
Citra and Sepset Power Plants, Katol, Maharashtra	4	Commissioned October 2011
Dhirubhai Ambani Solar Park, Pokhran, Rajasthan	40	Commissioned in April 2012
Gandhinagar Solar Plant, Gujarat	1	21 January 2011
Green Infra Solar Energy Limited - Rajkot, Gujarat	10	Commissioned November 2011
IIT Bombay - Gwal Pahari, Haryana	3	Commissioned 26 September 2011
Itnal Photovoltaic Plant, Belgaum, Karnataka	3	Completed April 2010
Amruth Solar Power Plant - Kadiri, Andhra Pradesh	1	Commissioned March 2012
Jamuria Photovoltaic Plant, West Bengal	2	August 2009
Jamuria Photovoltaic Plant, West Bengal	2	August 2009



Name of the Plant	DC Peak Power (MW)	Notes
Kolar Photovoltaic Plant, Yalesandra, Kolar District, Karnataka	3	Completed May 2010
Mahindra & Mahindra Solar Plant, Jodhpur, Rajasthan	5	Completed in January 2012
Mithapur Solar Power Plant (Tata Power) Mithapur, Gujarat	25	Commissioned 25 January 2012
Moser Baer - Patan, Gujarat	30	Commissioned October 2011
NDPC Photovoltaic Plant, Delhi	1	2010
Numeric Power Systems, Coimbatore, Tamil Nadu	1	Commissioned February 2012
Orissa - Patapur, Orissa	9	August 2012
Rasna Marketing Services LLP, Ahmedabad, Gujarat	1	Completed in December 2011
REHPL - Sadeipali, (Bolangir) Orissa	1	Commissioned July 2011
Sivaganga Photovoltaic Plant, Tamil Nadu	5	Completed December 2010
TAL Solar Power Plant - Barabanki, Uttar Pradesh	2	Commissioned January 2012
Tata Power - Mulshi, Maharashtra	3	Commissioned April 2011
Tata Power - Osmanabad, Maharashtra	1	Commissioned 1 August 2011
Tata Power - Patapur, Orissa	1	Commissioned August 2011
Thyagaraj stadium Plant - Delhi	1	April 2010
Waa Solar Power Plant (Madhav Power) - Surendranagar, Gujarat	10	Commissioned December 2011
Zynergy, Vannankulam village, Peraiyur, Madurai district, Tamil Nadu	1	Commissioned January 2012

STATE	MWp	%	STATE	MWp	%	STATE	MWp	%
Andhra Pradesh	21.8	2.2	Karnataka	9.0	0.9	Tamil Nadu	15.0	1.5
Chhattisgarh	4.0	0.4	Madhya Pradesh	2.0	0.2	Uttar Pradesh	12.0	1.2
Delhi	2.5	0.3	Maharashtra	20.0	2.0	Uttarakhand	5.0	0.5
Gujarat	654.8	66.9	Orissa	13.0	1.3	West Bengal	2.0	0.2
Haryana	7.8	0.8	Punjab	9.0	0.9			
Jharkhand	4.0	0.4	Rajasthan	197.5	20.2	<b>TOTAL</b>	<b>1044.16</b>	<b>100</b>

Source : wikipedia