



भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

नवीकरणीय ऊर्जा परियोजना प्रबोधन प्रभाग

Renewable Energy Project Monitoring Division

सं.के.वि.प्रा./योजना/आर.पी.एम./7/3/2019 / 1415

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Sub: Details of Solar Energy Generation at various Airports in India.

Airport Authority of India (AAI) has installed solar power project(Ground Mounted and Rooftop Solar) at various Airports located across India and contributing in achieving the envisages target of solar project installed capacity set by Government of India. The solar generation details as furnished by Airport Authority of India is attached herewith. The information will be uploaded regularly based on the information received in the CEA

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Installed Capacity (MW) and Generation (MU) from renewable resouces (injected in to the GRID)

Organization: Airports Authority of India

State/Centre: Center PSU

Month/Year: Nov'19

Renewable Resourcs/Organizations	Installed Capacity (MW)	Generation in month Nov ,19 (MU)	Cumulative Generation for the Financial Year 2019-20(MU)
A. Solar (Ground Mounted)	28.38	2.67	22.69
B. Solar (Rooftop Solar)	13.17	1.20	9.95
Total (Solar)	41.55	3.87	32.64



Details of Solar Energy generation at AAI Airports

Sl No.	Name of Airport	Solar Plant Capacity (KWp)	Date of Commissioning	Generation in Nov'19 (kWh)	Total Generation(kWh) from Apr'19 to Nov'19	Type of Plant	Mode of Commissioning	Remarks
1	Guwahati-I	50	12-Feb-12	2478	25654	Roof top	CAPEX	No net metering
	Guwahati-II	250	1-Apr-16	20933	172128	Ground mounted	CAPEX	No net metering
2	Patna	219	5-Mar-16	7501	109838	Roof top	CAPEX	No net metering
3	Raipur	100	3-May-12	10554	75104	Roof top	CAPEX	No net metering
4	Rajiv Gandhi Bhawan	250	22-Mar-12	21282	223055	Roof top	RESCO	No net metering
5	IAA Vasant Kunj	200	20-Mar-18	10315	141366	Roof top	RESCO	Net metering in Process
6	Ahmedabad-I	700	7-Dec-16	54636	636997	Roof top	CAPEX	Net metering
	Ahmedabad-II	700	15-Aug-18	69051	647280	Roof top	CAPEX	Net metering
7	Bhuj	230	1-Dec-16	21514	200353	Roof top	CAPEX	Net metering
8	Rajkot-I	150	14-Oct-17	14894	146645	Roof top	CAPEX	Net metering
9	Leh	27	16-Dec-17	2181	32535	Roof top	CAPEX	No net metering
10	Ranchi	250	18-Apr-16	20453	188341	Roof top	CAPEX	Net metering
11	Calicut	750	16-Jul-16	85868	63709	Roof top	CAPEX	Net metering
	Calicut	873	1-Jul-19	102855	405809	Roof top	CAPEX	Net metering
12	Trivandrum	500	15-Aug-18	53109	429461	Roof top	CAPEX	Net metering
13	Bhopal-I	100	28-Jun-13	13384	97460	Ground mounted	RESCO	No net metering
	Bhopal-II	1000	24-Nov-18	111949	810819	Ground mounted	CAPEX	Net metering
14	Indore-I	100	3-Aug-13	8088	70544	Roof top	RESCO	Net metering
	Indore-II	900		103989	764373	Ground mounted	CAPEX	Net metering
15	RED Office & ATS Complex- Mumbai	103	30-Dec-16	11065	90524	Roof top	CAPEX	No net metering
16	Pune	300	24-May-18	24866	236114	Roof top	CAPEX	No net metering
17	Bhubaneshwar	100	28-Aug-13	9903	79354	Roof top	RESCO	No net metering
18	Jharsuguda-I	60	9-Aug-18	3164	37645	Roof top	CAPEX	No net metering
	Jharsuguda-II	30	15-Oct-18	1117	13514	Ground mounted	CAPEX	No net metering
19	Port Blair	158	26-May-17	0	81249	Roof top	CAPEX	Net metering
	Port Blair-II	442	19-Jan-17	0	221038	Ground mounted	RESCO	Net metering
20	Amritsar-I	400	1-May-15	25600	328775	Roof top	CAPEX	No net metering
21	Chandigarh	3000	26-Oct-16	206270	2306600	Ground mounted	RESCO	No net metering
22	Jaipur-I	100	28-Apr-16	0	25779	Roof top	CAPEX	No net metering
	Jaipur-II	1800	9-Feb-18	161100	1661908	Ground mounted	CAPEX	Net metering of 900 KWp provided
23	Jodhpur	100	18-Jan-17	0	26671	Roof top	CAPEX	Net metering
24	Jaisalmer	100	8-Dec-12	6300	70250	Ground mounted	CAPEX	No net metering
25	Kishanganh	40	10-Aug-18	3644	39661	Roof top	CAPEX	Net metering
26	Chennai	1500	14-Apr-16	148227	1391517	Roof top	CAPEX	Net metering
27	New Operational Office RED-Chennai	100	25-Jul-16	9842	89869	Roof top	CAPEX	No net metering



Sl No.	Name of Airport	Solar Plant Capacity (KWp)	Date of Commissioning	Generation in Nov'19 (kWh)	Total Generation(kWh) from Apr'19 to Nov'19	Type of Plant	Mode of Commissioning	Remarks
28	Madurai-I	100	2-Aug-16	13482	97417	Roof top	CAPEX	No net metering
	Madurai-II	70	7-Oct-16	7187	64412	Roof top	CAPEX	No net metering
	Madurai-III	730	31-Dec-18	66880	698565	Ground mounted	CAPEX	No net metering
29	Trichy-I	140	22-Dec-17	14913	138633	Roof top	CAPEX	No net metering
	Trichy-II	1000		103600	869262	Ground mounted	CAPEX	No net metering
30	Hyderabad	500	13-Oct-16	57754	452456	Roof top	CAPEX	Net metering
31	Varanasi-I	600	29-Sep-16	59721	559898	Roof top	CAPEX	Net metering
	Varanasi-II	1200	18-Feb-19	126311	1114002	Ground mounted	CAPEX	Net metering
32	Allahbad-I	300	18-Jan-15	23579	249391	Roof top	CAPEX	Net metering
33	Lucknow-I	500	27-May-15	48291	407670	Roof top	CAPEX	No net metering
	Lucknow-II	15	20-Jan-17	982	11278	Roof top	CAPEX	No net metering
34	IGRUA, Fursatgunj	60	30-Jun-18	0	0	Roof top	CAPEX	No net metering
35	Kolkata-I	2000	1-Jan-16	180227	1583256	Roof top	CAPEX	Net metering
	Kolkata-II	15000	5-Oct-17	1491854	12812300	Ground mounted	CAPEX	Net metering
36	Bagdogra	50	31-Jan-17	1927	28255	Roof top	CAPEX	Net metering
37	Jorhat	75	18-Jan-19	2508	39940	Roof top	RESCO	Net metering
38	Agartala	250	20-Jan-19	22004	203624	Roof top	RESCO	Net metering
39	Silchar	100	20-Jan-19	8099	58505	Roof top	RESCO	Net metering
40	Aurangabad	120	31-Jan-19	13760	94868	Roof top	CAPEX	Net metering
41	Imphal	130	31-Dec-18	15415	115957	Roof top	RESCO	Net metering
42	Tirupati	1000	31-Jul-19	49240	65670	Ground mounted	RESCO	Net metering
43	Vadodara	675	30-May-19	53149	510328	Ground mounted	CAPEX	Net metering
44	Gondia	160	31-Jul-19	20559	77713	Ground mounted	CAPEX	Net metering
45	Safdarjung	100	30-Jun-19	7241	16521	Roof top	CAPEX	Net metering
46	Vijayawada	1000	1-Aug-19	136416	432676	Ground mounted	CAPEX	Net metering
	Total	41557		3871231	32644536			

Summary:-

		Generation in Month Nov,19(MU)	Cumulative Generation(MU) for the Financial year 2019-20
Solar Ground Mounted	Net Metering	2.25	18.47
	Non-Net Metering	0.42	4.22
Solar Rooftop	Net Metering	0.97	7.73
	Non-Net Metering	0.23	2.22
Total		3.87	32.64