

Central Electricity Authority/ केन्द्रीय विद्युत प्राधिकरण								
Renewable Energy Project Monitoring Division/ नवीकरणीय ऊर्जा परियोजना प्रबोधन प्रभाग								
Daily Renewable Generation Report/ दैनिक अक्षय ऊर्जा रिपोर्ट								
राज्य/State/क्षेत्र / Region	13 दिसंबर, 2019 / December, 2019				ऑकड़े मिलियन यूनिट नेट / Figures in MU net			
	Cumulative Generation during December 2019							
	पवन ऊर्जा/Wind Energy	सौर ऊर्जा/Solar Energy	अन्य ऊर्जा/Others RES (Biomass, Bagasse, Small Hydro & Others)	कुल/Total	पवन ऊर्जा/Wind Energy	सौर ऊर्जा/Solar Energy	अन्य ऊर्जा/Others RES (Biomass, Bagasse, Small Hydro & Others)	कुल/Total
चंडीगढ़/ Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
दिल्ली / Delhi	0.00	0.00	1.10	1.10	0.00	0.00	8.45	8.45
हरियाणा / Haryana	0.00	0.03	1.06	1.09	0.00	1.29	14.93	16.22
हिमाचल प्रदेश / Himachal Pradesh	0.00	0.00	3.13	3.13	0.00	0.07	42.77	42.84
जम्मू कश्मीर / Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
पंजाब / Punjab	0.00	0.80	1.05	1.85	0.00	27.67	13.65	41.32
राजस्थान / Rajasthan	2.61	10.77	4.60	17.98	161.02	163.35	60.66	385.03
उत्तर प्रदेश / Uttar Pradesh	0.00	1.50	21.60	23.10	0.00	36.63	254.40	291.03
उत्तराखंड / Uttarakhand	0.00	0.07	0.35	0.42	0.00	5.77	6.63	12.40
<b>उत्तरी क्षेत्र / Northern Region</b>	<b>2.61</b>	<b>13.17</b>	<b>32.89</b>	<b>48.67</b>	<b>161.02</b>	<b>234.78</b>	<b>401.49</b>	<b>797.29</b>
छत्तीसगढ़ / Chhattisgarh	0.00	0.50	0.00	0.50	0.00	4.10	0.00	4.10
गुजरात / Gujarat	10.80	8.50	0.30	19.60	405.70	103.80	3.80	513.30
मध्य प्रदेश / Madhya Pradesh	9.30	6.40	1.20	16.90	99.40	71.40	12.80	183.60
महाराष्ट्र / Maharashtra	5.20	5.60	0.00	10.80	149.90	66.80	0.00	216.70
दमन और दिउ / Daman & Diu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
दादर व नगर हवेली / Dadra & Nagar Haveli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
गोवा / Goa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>पश्चिमी क्षेत्र / Western Region</b>	<b>25.30</b>	<b>21.00</b>	<b>1.50</b>	<b>47.80</b>	<b>655.00</b>	<b>246.10</b>	<b>16.60</b>	<b>917.70</b>
आन्ध्र प्रदेश / Andhra Pradesh	5.82	8.92	0.00	14.74	90.98	86.47	0.00	177.45
तेलंगाना / Telangana	0.56	18.28	0.00	18.84	7.86	192.66	0.00	200.52
कर्नाटक / Karnataka	16.14	43.37	13.58	73.09	282.97	393.13	170.68	846.78
केरल / Kerala	0.29	0.19	0.00	0.48	4.63	3.11	0.00	7.74
तमिल नाडू / Tamil Nadu	12.90	10.91	0.00	23.81	159.49	133.13	0.00	292.62
पुडुचेरी / Puducherry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>दक्षिणी क्षेत्र / Southern Region</b>	<b>35.71</b>	<b>81.67</b>	<b>13.58</b>	<b>130.96</b>	<b>545.93</b>	<b>808.50</b>	<b>170.68</b>	<b>1,525.11</b>
बिहार / Bihar	0.00	0.00	0.11	0.11	0.00	0.00	5.52	5.52
दामोदर घाटी निगम / DVC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
झारखण्ड / Jharkhand	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ओडिशा/ Odisha	0.00	0.00	1.27	1.27	0.00	0.00	18.28	18.28
पश्चिम बंगाल / West Bengal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
सिक्किम / Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>पूर्वी क्षेत्र/ Eastern Region</b>	<b>0.00</b>	<b>0.00</b>	<b>1.38</b>	<b>1.38</b>	<b>0.00</b>	<b>0.00</b>	<b>23.80</b>	<b>23.80</b>
अरुणाचल प्रदेश / Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
असम / Assam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
मणिपुर / Manipur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
मेघालय / Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
मिज़ोरम / Mizoram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
नागालैंड / Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
त्रिपुरा / Tripura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>उत्तर-पूर्वी क्षेत्र / North-Eastern Region</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Total Daily RE Generation (States)</b>	<b>63.62</b>	<b>115.84</b>	<b>49.35</b>	<b>228.81</b>	<b>1,361.95</b>	<b>1,289.38</b>	<b>612.57</b>	<b>3,263.90</b>
<b>Total Daily RE generation from ISGS (from Page-2)</b>	6.38	8.70	0.00	15.08	128.74	156.48	0.00	285.22
<b>सम्पूर्ण भारत / All India</b>	<b>70.00</b>	<b>124.54</b>	<b>49.35</b>	<b>243.89</b>	<b>1,490.69</b>	<b>1,445.86</b>	<b>612.57</b>	<b>3,549.12</b>

\* The data from other RES (like Biomass, Bagasse, Small Hydro) is not complete and complete data for other RES is being received as part of monthly report only.

Savings During the Day :-	
Wind (MU)	70.00
Solar (MU)	124.54
Total (Wind+Solar) (MU)	194.54
*(A) Co2 emission reduction @ 0.935 t Co2 per MWh (t Co2)	1819495
** (B) Coal consumption avoided @ 0.636 kg/kWh (Tonne)	123727
*** (C) Saving in Water consumption @ 3.25 KL per MWh (KL)	632255

\* Based on Co2 Baseline data base for Indian power sectpr version 14.0 Dec'2018.

\*\* Based on 2018-19 data for coal consumption and generation fome coal based generation station.

\*\*\* Based on MoEF norm for specific water consumption (Average of norms for old & new power plants taken)

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Daily Renewable Generation Report (ISGS)/ दैनिक अक्षय ऊर्जा रिपोर्ट (ISGS)							
Station	State/ Region	Sector (Central/State/Private)	Owner	Type	13-Dec-19		Cumulative Generation during December 2019
					Installed Capacity (MW)	Actual Generation (MU)	
DADRI SOLAR	Uttar Pradesh	Central	NTPC	Solar	5	0.00	0.20
SINGRAULI SOLAR	Uttar Pradesh	Central	NTPC	Solar	15	0.10	0.67
UNCHAHAH SOLAR	Uttar Pradesh	Central	NTPC	Solar	10	0.00	0.32
MAHOBHA SOLAR (UP) PRIVATE LTD	Rajasthan	Private	IPP	Solar	200	0.90	15.71
ACME CHITTORGARH ENERGY PVT LTD.	Rajasthan	Private	IPP	Solar	250	0.55	9.13
AZURE POWER INDIA PVT LTD	Rajasthan	Private	IPP	Solar	200	1.04	13.92
AZURE POWER THIRTY FOUR PRIVATE LTD	Rajasthan	Private	IPP	Solar	130	0.59	9.74
CLEAN SOLAR POWER (BHADLA) PVT LTD	Rajasthan	Private	IPP	Solar	300	0.44	0.30
RENEW SOLAR POWER PVT LTD	Rajasthan	Private	IPP	Solar	50	0.27	4.66
RENEW SOLAR POWER PVT LTD. BIKANER	Rajasthan	Private	IPP	Solar	250	0.64	14.72
SB ENERGY FOUR PVT LTD	Rajasthan	Private	IPP	Solar	200	1.06	15.05
TATA POWER RENEWABLE ENERGY LTD	Rajasthan	Private	IPP	Solar	150	0.35	10.96
<b>Northern Region</b>					<b>1760</b>	<b>5.94</b>	<b>95.38</b>
ACME SOLAR (RAMNAGAR)	Madhya Pradesh	Private	IPP	Solar	250	0.86	14.54
ARINSUN SOLAR (BARSAITADESH)	Madhya Pradesh	Private	IPP	Solar	250	0.74	13.62
MAHINDRA SOLAR (BADWAR)	Madhya Pradesh	Private	IPP	Solar	250	0.72	12.30
RENEW SOLAR (BHUVAD)	Gujarat	Private	IPP	Solar	250	0.44	20.64
GIWEL-II WIND (VADVA)	Gujarat	Private	IPP	Wind	250	0.6	20.14
GIWEL-III WIND (NARANPAR)	Gujarat	Private	IPP	Wind	300	0.50	18.66
IWISL WIND (DAYAPAR)	Gujarat	Private	IPP	Wind	500	0.11	3.33
OSTRO WIND (KUTCH)	Gujarat	Private	IPP	Wind	250	0.81	29.93
<b>Western Region</b>					<b>2300</b>	<b>4.78</b>	<b>133.16</b>
GREEN INFRA	Tamil Nadu	Private	IPP	Wind	250	1.85	25.32
ORANGE	Tamil Nadu	Private	IPP	Wind	200	1.38	18.24
MYTRA	Tamil Nadu	Private	IPP	Wind	187	1.13	13.12
<b>Southern Region</b>					<b>637</b>	<b>4.36</b>	<b>56.68</b>
<b>Total Daily RE generation from ISGS (MU)</b>					<b>4697</b>	<b>15.08</b>	<b>285.22</b>
* ISGS RE Stations which are scheduled by RLDCs							