

| 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 | 21 दिसंबर, 2019 /December, 2019 | | | | ऑफ़ डे 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 | 0.95 | 0.95 | 0.00 | 0.00 | 14.72 | 14.72 |
| हरियाणा / Haryana | 0.00 | 0.06 | 1.08 | 1.14 | 0.00 | 1.75 | 23.03 | 24.78 |
| हिमाचल प्रदेश / Himachal Pradesh | 0.00 | 0.00 | 3.39 | 3.39 | 0.00 | 0.07 | 70.09 | 70.16 |
| जम्मू कश्मीर / Jammu & Kashmir | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| पंजाब / Punjab | 0.00 | 1.42 | 1.05 | 2.47 | 0.00 | 37.61 | 22.05 | 59.66 |
| राजस्थान / Rajasthan | 20.17 | 13.84 | 4.87 | 38.88 | 252.48 | 266.20 | 98.51 | 617.19 |
| उत्तर प्रदेश / Uttar Pradesh | 0.00 | 4.22 | 21.60 | 25.82 | 0.00 | 62.18 | 427.20 | 489.38 |
| उत्तराखंड / Uttarakhand | 0.00 | 0.24 | 0.85 | 1.09 | 0.00 | 8.10 | 12.58 | 20.68 |
| उत्तरी क्षेत्र / Northern Region | 20.17 | 19.78 | 33.79 | 73.74 | 252.48 | 375.91 | 668.18 | 1,296.57 |
| छत्तीसगढ़ / Chhattisgarh | 0.00 | 0.20 | 0.00 | 0.20 | 0.00 | 6.50 | 0.00 | 6.50 |
| गुजरात / Gujarat | 9.70 | 8.90 | 0.40 | 19.00 | 719.90 | 179.90 | 6.20 | 906.00 |
| मध्य प्रदेश / Madhya Pradesh | 2.90 | 6.20 | 1.20 | 10.30 | 163.10 | 117.00 | 21.60 | 301.70 |
| महाराष्ट्र / Maharashtra | 4.90 | 5.30 | 0.00 | 10.20 | 216.60 | 107.50 | 0.00 | 324.10 |
| 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 |
| पश्चिमी क्षेत्र / Western Region | 17.50 | 20.60 | 1.60 | 39.70 | 1,099.60 | 410.90 | 27.80 | 1,538.30 |
| आन्ध्र प्रदेश / Andhra Pradesh | 8.57 | 11.64 | 0.00 | 20.21 | 161.86 | 159.69 | 0.00 | 321.55 |
| तेलंगाना / Telangana | 0.43 | 15.88 | 0.00 | 16.31 | 13.23 | 324.87 | 0.00 | 338.10 |
| कर्नाटक / Karnataka | 12.60 | 34.54 | 13.27 | 60.41 | 441.81 | 686.49 | 272.78 | 1,401.08 |
| केरल / Kerala | 0.20 | 0.14 | 0.00 | 0.34 | 7.38 | 4.51 | 0.00 | 11.89 |
| तमिल नाडु / Tamil Nadu | 10.33 | 7.36 | 0.00 | 17.69 | 279.54 | 206.30 | 0.00 | 485.84 |
| पुदुचेरी / Puducherry | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| दक्षिणी क्षेत्र / Southern Region | 32.13 | 69.56 | 13.27 | 114.96 | 903.82 | 1,381.86 | 272.78 | 2,558.46 |
| बिहार / Bihar | 0.00 | 0.00 | 0.43 | 0.43 | 0.00 | 0.00 | 8.17 | 8.17 |
| 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 | 1.45 | 1.45 | 0.00 | 0.00 | 28.17 | 28.17 |
| 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 |
| पूर्वी क्षेत्र/ Eastern Region | 0.00 | 0.00 | 1.88 | 1.88 | 0.00 | 0.00 | 36.34 | 36.34 |
| 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 |
| उत्तर-पूर्वी क्षेत्र / North-Eastern Region | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Daily RE Generation (States) | 69.80 | 109.94 | 50.54 | 230.28 | 2,255.90 | 2,168.67 | 1,005.10 | 5,429.67 |
| Total Daily RE generation from ISGS (from Page-2) | 5.39 | 12.59 | 0.00 | 17.98 | 221.75 | 248.60 | 0.00 | 470.35 |
| सम्पूर्ण भारत / All India | 75.19 | 122.53 | 50.54 | 248.26 | 2,477.65 | 2,417.27 | 1,005.10 | 5,900.02 |

* 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.

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|--|--------|
| Savings During the Day :- | |
| Wind (MU) | 75.19 |
| Solar (MU) | 122.53 |
| Total (Wind+Solar) (MU) | 197.72 |
| *(A) Co2 emission reduction @ 0.935 t Co2 per MWh (t Co2) | 184868 |
| ** (B) Coal consumption avoided @ 0.636 kg/kWh (Tonne) | 125750 |
| *** (C) Saving in Water consumption @ 3.25 KL per MWh (KL) | 642590 |

* 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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|--|----------------|-----------------------------------|-------|-------|----------------------------|------------------------------|--|
| Renewable Energy Project Monitoring Division/ नवीकरणीय ऊर्जा परियोजना प्रबोधन प्रभाग | | | | | | | |
| Daily Renewable Generation Report (ISGS)/ दैनिक अक्षय ऊर्जा रिपोर्ट (ISGS) | | | | | | | |
| Station | State/ Region | Sector (Central/State/Private) | Owner | Type | 21-Dec-19 | | Cumulative Generation during December 2019 |
| | | | | | Installed Capacity (MU) | Actual Generation (MU) | |
| DADRI SOLAR | Uttar Pradesh | Central | NTPC | Solar | 5 | 0.01 | 0.25 |
| SINGRAULI SOLAR | Uttar Pradesh | Central | NTPC | Solar | 15 | 0.06 | 1.02 |
| UNCHAHAR SOLAR | Uttar Pradesh | Central | NTPC | Solar | 10 | 0.04 | 0.45 |
| MAHOBHA SOLAR (UP) PRIVATE LTD | Rajasthan | Private | IPP | Solar | 200 | 1.20 | 25.26 |
| ACME CHITTORGARH ENERGY PVT LTD. | Rajasthan | Private | IPP | Solar | 250 | 0.87 | 15.81 |
| AZURE POWER INDIA PVT LTD | Rajasthan | Private | IPP | Solar | 200 | 1.20 | 22.51 |
| AZURE POWER THIRTY FOUR PRIVATE LTD | Rajasthan | Private | IPP | Solar | 130 | 0.78 | 16.04 |
| CLEAN SOLAR POWER (BHADLA) PVT LTD | Rajasthan | Private | IPP | Solar | 300 | 0.57 | 0.30 |
| RENEW SOLAR POWER PVT LTD | Rajasthan | Private | IPP | Solar | 50 | 0.31 | 6.89 |
| RENEW SOLAR POWER PVT LTD. BIKANER | Rajasthan | Private | IPP | Solar | 250 | 1.35 | 24.06 |
| SB ENERGY FOUR PVT LTD | Rajasthan | Private | IPP | Solar | 200 | 1.08 | 24.61 |
| TATA POWER RENEWABLE ENERGY LTD | Rajasthan | Private | IPP | Solar | 150 | 0.87 | 18.36 |
| Northern Region | | | | | 1760 | 8.34 | 155.56 |
| ACME SOLAR (RAMNAGAR) | Madhya Pradesh | Private | IPP | Solar | 250 | 1.45 | 21.68 |
| ARINSUN SOLAR (BARSATIADESH) | Madhya Pradesh | Private | IPP | Solar | 250 | 1.34 | 19.84 |
| MAHINDRA SOLAR (BADWAR) | Madhya Pradesh | Private | IPP | Solar | 250 | 1.24 | 18.32 |
| RENEW SOLAR (BHUVAD) | Gujarat | Private | IPP | Solar | 250 | 0.22 | 33.20 |
| GIWEL-II WIND (VADVA) | Gujarat | Private | IPP | Wind | 250 | 0.46 | 32.98 |
| GIWEL-III WIND (NARANPAR) | Gujarat | Private | IPP | Wind | 300 | 0.38 | 30.82 |
| IWISL WIND (DAYAPAR) | Gujarat | Private | IPP | Wind | 500 | 0.11 | 6.20 |
| OSTRO WIND (KUTCH) | Gujarat | Private | IPP | Wind | 250 | 0.59 | 48.96 |
| Western Region | | | | | 2300 | 5.79 | 212.00 |
| GREEN INFRA | Tamil Nadu | Private | IPP | Wind | 250 | 1.75 | 45.14 |
| ORANGE | Tamil Nadu | Private | IPP | Wind | 200 | 1.3 | 33.62 |
| MYTRA | Tamil Nadu | Private | IPP | Wind | 187 | 0.8 | 24.03 |
| Southern Region | | | | | 637 | 3.85 | 102.79 |
| Total Daily RE generation from ISGS (MU) | | | | | 4697 | 17.98 | 470.35 |
| * ISGS RE Stations which are scheduled by RLDCs | | | | | | | |
| | | | | | | | |

All India Wind & Solar Power Daily Generation Report (Provisional)

