



सत्यमेव जयते

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
नवीकरणीय परियोजना प्रबोधन प्रभाग
Renewable Project Monitoring Division

देश में सोलर पार्क/ UMREPPs के विकास पर स्थिति रिपोर्ट
Status Report on Development of Solar Parks /UMREPPs in the Country



April-2024 / अप्रैल-2024

Preface

India has successfully achieved **144.75 GW** of RE Installed capacity (excluding Large Hydro) as on April, 2024. Further, a number of Renewable Energy (RE) projects including Solar Parks / UMREPPs are under various stages of construction. The present **Report** highlights the progress of infrastructure related to Solar Parks /UMREPPs and under-construction RE projects within the Solar Parks /UMREPPs of SECI, CPSUs under MoP (**NTPC, NHPC, THDC, SJVNL & DVC**), and entities of various States (**Andhra Pradesh, Chhattisgarh, Gujarat, Jharkhand, Karnataka , Kerala , Madhya Pradesh , Maharashtra, Mizoram , Odisha , Rajasthan and Uttar Pradesh**). This Report also includes the information received from the Ministry of New and Renewable Energy (MNRE).

As per the available information, 50 Nos. Solar Parks / UMREPPs of aggregate capacity of **39785 MW** have been envisaged for development in the country as on April, 2024. Out of **39785 MW**, **22449 MW** is awarded (Of these, the capacity of **11316 MW** has already been commissioned while **11133 MW** capacity is under construction) and **17336 MW** is under award/tendering process.

SUMMARY OF THE DEVELOPMENT OF SOLAR PARKS/UMREPPs IN THE COUNTRY

S. No.	Name of the State in which Solar Parks/UMREPPs are located	Total Capacity of Solar Park/ UMREPP (MW)	Capacity Under Award / Tendering (MW)	Capacity Awarded (MW)	Capacity Under Construction (MW)	Capacity Commissioned (MW)
1.	Andhra Pradesh	4200	1150	3050	0	3050
2.	Chhattisgarh	100	0	100	0	100
3.	Gujarat	12150	2770	9380	8405	975
4.	Himachal Pradesh	53	53	0		00
5.	Jharkhand	1089	859	230	230	0
6.	Karnataka	2500	500	2000	0	2000
7.	Kerala	155	50	105	5	100
8.	Madhya Pradesh	4780	2172	2608	1058	1550
9.	Maharashtra	1100	850	250	250	0
10.	Mizoram	20	0	20	0	20
11.	Odisha	340	340	0	0	0
12.	Rajasthan	9568	5292	4276	1185	3091
13.	Uttar Pradesh	3730	3300	430	0	430
	ALL INDIA (Total)	39785	17336	22449	11133	11316

(A) DETAILED STATUS OF THE DEVELOPMENT OF UMREPP / SOLAR PARKS

S. No.	Name of the Solar Park (Agency)	Location (Village/ District/ State)	Total Capacity of Solar Park/ UMREPP (MW)	Date of Approval	Solar Park Completion Date (Actual/ Anticipated)	Land Acquisition Status	Current Status
1.	Ananthapuramu-I Ultra Mega Solar Park (Andhra Pradesh Solar Power Corporation Private Ltd. (APSPCL) - a JV of NREDCAP, APGENCO & SECI.)	N.P. Kunta Site, Ananthapuramu, Andhra Pradesh	1000	28.11.2014	Completed in September,2018	Total 5845.84 acres of Land Acquired	<ul style="list-style-type: none"> • Infrastructural facilities of Roads & Drains, Water Supply System, Cable Tray Supports and Boundary Fencing have been completed. • Entire 1400 MW capacity has been commissioned. • <u>Internal Transmission System</u>: 220/33 kV Pooling Substation-1 and connected 220 kV DC lines were commissioned on 30.04.2016 External Transmission System: It was developed by PGCIL and charged on 30.09.2018 • 220/33 kV Pooling Substations - 4, 2 & 3 were charged on 20.12.2019, 28.01.2020 and 31.01.2020 respectively. • <u>External Transmission System</u>: • It was developed by PGCIL. Phase-1 (250 MW) and Phase-II (750 MW) were charged on 11.07.2016 and 04.08.2018 respectively
		Galiveedu Site, Ananthapuramu, Andhra Pradesh	400	28.11.2014	Completed in September,2018	Total 2679.81 acres of Land Acquired.	<ul style="list-style-type: none"> • Infrastructural facilities of Roads & Drains, Water Supply System, Cable Tray Supports and Boundary Fencing have been completed. • <u>Internal Transmission System</u>: • 3 Nos. Pooling Stations (250 MW, 50 MW & 100 MW) were established at Galiveedu Site for evacuation of power generated from 400 MW solar projects. • APTRANSCO awarded work to M/s Amara Raja Power Systems Ltd on 27.02.2016. • Pooling Substations-1, 2, and 3 were charged on 11.06.2018, 29.06.2018 and 28.09.2018 respectively. • <u>External Transmission System</u>:

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							<ul style="list-style-type: none"> It was developed by PGCIL and charged on 30.09.2018.
2.	Ananthapuramu -II Ultra Mega Solar Park (APSPCL - a JV of NREDCAP, APGENCO & SECI.)	Tadipatri Mandal, Andhra Pradesh	500	15.01.2016	Completed in December,2018	Solar Park has been developed on 2751 acres of land.	<ul style="list-style-type: none"> 400 MW capacity has been commissioned and balance 100 MW is yet to be awarded. GoAP to issue tenders for balance 100 MW. Infrastructural facilities of Roads & Drains, Water Supply System, Cable Tray Supports and Boundary Fencing have been completed. <u>Internal Transmission System</u>: 2 Nos. of 220/33 kV Pooling substations (PSS). PSS-1 charged on 06.02.2019 and PSS-2 on 28.12.2018. <u>External Transmission System</u>: 400/220 kV Grid Sub-Station at N.P. Kunta developed by APTRANSCO, was charged on 06.12.2018.
3.	Kadapa Ultra Mega Solar Park (APSPCL - a JV of NREDCAP, APGENCO & SECI.)	Mylavaram Mandal, Andhra Pradesh	1000	09.10.2015	----	Total 5785.01 acres of land acquired.	<ul style="list-style-type: none"> 250 MW capacity has been commissioned and development of balance capacity of 750 MW is stalled for over 3 years and execution of order of APTEL is pending with Govt. of AP. The PSA cancelled by AP DISCOM for 750 MW is yet to be reinstated. Infrastructural facilities of Roads & Drains are stated to have been completed. <u>Internal Transmission System</u>: Charged on 30.04.2019 for 250 MW in Phase-I. Most of the work related to internal transmission system for Phase-II (750 MW) is scheduled to be completed by 31.05.2024. <u>External Transmission System</u>: <ul style="list-style-type: none"> Power generated from 250 MW solar project in Phase-I is being evacuated through existing 220kV DC line from 220 kV SS Tirumalayapalli to 400kV SS Jamalamadugu by arranging LILO to one of the 220kV circuit at location 65 temporarily.

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							<ul style="list-style-type: none"> - For Phase-II (750 MW), APTRANSCO has informed that instead of constructing new 400 kV Substation at Mylavaram, they have issued administrative approval for augmentation works of 400kV substation at Jamalamadugu, Kadapa District, for which LOI has been issued on 17/29.12.2021. The 220 kV D/C lines from 220/33kV Pooling Stations-1,2,3 &4 are to extended upto existing 400kV substation at Jamalamadugu which is expected to be completed by 31.05.2024.
4.	Kurnool Ultra Mega Solar Park (APSPCL - a JV of NREDCAP, APGENCO & SECI.)	Kurnool , Andhra Pradesh	1000	28.11.2014	Completed in the year 2017.	Solar Park has been developed on 5231.94 acres of land.	<ul style="list-style-type: none"> • Infrastructural facilities of Roads & Drains, Water Supply System, Cable Tray Supports and Boundary Fencing have been completed. • <u>Internal Transmission System</u>: 4 Nos of 220/33 kV Pooling Substations (PSS) and associated Transmission lines have been completed and charged. • <u>External Transmission System</u>: <ul style="list-style-type: none"> - 400/220 kV Grid Sub-Station at Gani Village in Kurnool District, 2 Nos. 400 kV Bay Extensions and 400 kV QMDC line from existing 400 kV Narnoor (Kurnool) Substation, have been completed and charged. - Entire 1000 MW capacity has been commissioned.
5.	Ramagiri Solar Park (SECI)	Ramagiri, Sri Sathyasai , Andhra Pradesh	300	11.11.2021	---	Total 1170 acres of land has been acquired in November, 2022.	<ul style="list-style-type: none"> • Tender has been floated for PV Modules for the entire park capacity of 300 MW. Tender for BOS floated on 06/03/2024. PIB Approval awaited. • <u>Internal Transmission System</u>: Development activity yet to start. • <u>External Transmission System</u>: Stage-II connectivity for 300 MW at the Pavagada ISTS substation has been granted by CTU.
6.	Rajnandgaon Solar Park (SECI)	Rajnandgaon Chhattisgarh	100	31.03.2022	31.12.2023	Total 451.9 acres of land has been acquired.	<ul style="list-style-type: none"> • The Project is 100 MW (AC) / 160MWp DC capacity Solar PV Project along with 40 MW/120 MWh Battery Energy Storage System. Fully Commissioned in February 2024.

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							<ul style="list-style-type: none"> • Boundary fencing work completed. Construction of MCR building, ICR, Transmission line, administrative building completed. • PPA has been signed between SECI and CSPDCL and work awarded to EPC contractor – TATA Power Solar Systems Limited in December 2021. • <u>Internal Transmission System</u>: Section 68 Approval has been accorded for 132kV transmission line on 22-07-2022. Transmission line works are complete. Transmission line from the park will be connected at Thelkadih Substation. Bay erection work at substation completed. • <u>External Transmission System</u>: external evacuation works are not envisaged under the park scheme. Project is proposed to be connected to existing substation 220/132kV CSPTCL's Thelkadih substation.
7.	NTPC REL. Khavda 4750 MW Solar Park (NTPC Renewable Energy Ltd.)	Khavda, Bhuj, Gujarat	4750	12.07.2021	31.12.2025	Total 23750 acres of land has been acquired in May, 2022.	<ul style="list-style-type: none"> • <u>Infrastructure Activities</u>: <ul style="list-style-type: none"> - Work of Approach Road completed through R&B, Bhuj on Deposit work basis. - Fencing & Internal Road works under progress. - Works for the water supply is partially completed balance is under progress. - 2755 MW Solar Project awarded. Work under progress. NIT for 110 MW Wind Projects Floated. Technical Bids opened for 1200 MW Solar Projects. • <u>Internal Transmission System</u>: <ul style="list-style-type: none"> - Transformer Supply package for full 4750 MW Capacity has been awarded. Power Evacuation Infrastructure package for 4750 MW has also been awarded on 19.07.2023. - Approval for Connectivity of 4750 MW has been received.

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							<ul style="list-style-type: none"> - Transformer supply package (North Block, 9*315 MW) awarded. Transformer supply package (South Block) awarded on 13.04.2022 to Transformers & Rectifiers (India) Ltd. Power Evacuation Infrastructure package for 4750 MW Awarded on 19.07.2023. Construction power package of 550 KWp awarded. • <u>External Transmission System:</u> - Approval for Stage-II connectivity for 2755 MW received. Stage-II connectivity applied for balance 1995 MW. LTA for 865 MW approved by CTU.
8.	GSECL RE Park, (GSECL)	Khavda, Bhuj, Gujarat	3325	12.08.2021	50 % capacity up to 31.12.2024 & 100 % capacity upto 31.12.2026.	Total 16432.5 acres of land is acquired.	<ul style="list-style-type: none"> • <u>Infrastructure Activities:</u> <ul style="list-style-type: none"> - Approach road to Park completed. - Porta Cabin has been installed. - Work order for Chain link fencing for South & North Block placed on 29.06.2022 & 13.12.2022 respectively. (under progress) - Internal road and drain work NTP issued by R&B Department, Govt. of Gujarat on 03.03.2023. - Project Management Consultancy (PMC) order awarded on 02.06.2023. - For South & North Block 33/400 kV Pooling Substation, Work order issued on 16.09.2023 & 25.09.2023 respectively. (under progress) - Desalination Plant and Water Infrastructure Tender up loaded on 05.01.2024. Tender extended upto04.05.2024.Construction of Earthen Bund LOI issued on dated. 20.04.2024 - Connectivity for 3325 MW capacity granted by CTU on 29.08.2023 under GNA regulation. - Power Purchase through TCB by GUVNL is under progress. Lol issued for 600 MW on 16.05.2023 and for

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							<p>1600 MW on 03.08.2023. PPA executed for 600 MW (200 MW on 07.08.2023 and 400 MW on 09.08.2023)</p> <ul style="list-style-type: none"> • <u>Internal Transmission System:</u> <ul style="list-style-type: none"> - PMC order awarded on 02.06.2023. LoI issued on 09.03.2023 and NTP on 18.03.2023 for 33/400 kV Pooling Substation for 1964 MW South Block and Work order issued on 16.09.2023. - For North Block 33/400 kV Pooling Substation, LOI issued on Dt.:21.07.2023 and NTP issued on 18.08.2023. Work order issued on 25.09.2023. • <u>External Transmission System:</u> <ul style="list-style-type: none"> - Power Evacuation planned through ISTS substation of 765/400 KV Khavda PS-II (GIS) along with 1 x 1500 MVA, 765 /400 KV ICT.LILO of one ckt of Khavda-I Bhuj 765 KV D/C line at Khavda-II. - Connectivity Granted 3325 MW under GNA.1600 MW Connectivity LTA to GNA granted on 22.09.2023, for 1725 MW Connectivity Sought: Mar-2025, Granted Jan-2026) connectivity agreement 1600 MW Signed with CTUIL on 18.04.2024 to align in GNA.
9.	GIPCL RE Park Ph-I (GIPCL)	Rann of Kutch, Khavda, Gujarat	600	24.09.2021	31.12.2024	Total 2965 acres of land is acquired.	<ul style="list-style-type: none"> • <u>Infrastructure Activities:</u> <ul style="list-style-type: none"> - The contract for RE Park infrastructure like Pooling substation, Road, Drain and Pond works etc. have been awarded. Approach road completed. Bid evaluation completed and LoI issued on 04.01.2023 for Road, Drain and water retention pond. Desalination plant feasibility study is under progress

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							<p>for which pilot bore well digging and yield test completed.</p> <ul style="list-style-type: none"> - Detailed Engineering and Design of 600 MW (AC) Solar Project is under progress. EPC Contractor has mobilized the team at Site. Field work for Geotechnical Investigation and Topographical Survey is in progress. - LTA and Connectivity Agreement signed for 600 MW. - GUVNL has issued LoI to GIPCL on 16.05.2023 and PPA signed on 11, 08.2023. Contract awarded for Balance of system package for development solar project on 11.08.2023. PV Module Tender Bid evaluation completed and Order shall be placed in the month of April-24. - Timely availability of Transmission system -Khavda PS-II as per CTU plan to match RE park commissioning schedule. As on 30.04.2024 the estimated date is March-25 for KPS-2.As submitted by SPPD, in absence of timely transmission system, GIPCL is unable to commission the Solar Park. <ul style="list-style-type: none"> ● <u>Internal Transmission System:</u> <ul style="list-style-type: none"> - Tender for Pooling Substation for 1200 MW floated and bidders has submitted their bids on last date of bid submission i.e., 26.07.2022. E-Reverse Auction is completed on 24.08.2022. The LOI issued to the successful bidder on 20.09.2022. - Bid Evaluation for award of contract for 2375MW Transmission line is completed. Contract was also awarded. ● <u>External Transmission System:</u>

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							<ul style="list-style-type: none"> - LTA and connectivity agreement signed with CTUIL on 16.09.2021 for 600 MW Capacity. GIPCL has made an application for balance 1775MW capacity for connectivity under GNA on 29.07.2023 and CTUIL has granted connectivity on 03.11.2023
10.	GIPCL RE Park Ph-II (GIPCL)	Rann of Kutch, Khavda, Gujarat	1200	24.02.2022	31.12.2024	Total 5930 acres of land is acquired.	<ul style="list-style-type: none"> • <u>Infrastructure Activities:</u> The contract for RE Park infrastructure like Pooling substation, Road, Drain and Pond works etc. have been awarded. Approach road completed. Bid evaluation completed and Lol issued on 04.01.2023 for Road, Drain and water retention pond. Desalination plant feasibility study is under progress for which pilot bore well digging and yield test completed. • Tender published by GUVNL (DISCOM) on 04.07.2023 for 600 MW Solar PV Projects to be developed in GIPCL's RE Park with green shoe option of equal capacity of 600 MW. • Connectivity application has been submitted to CTU on 29.07.2023 for 1775 MW capacity of Ph-II & Ph-III under GNA. • <u>Internal Transmission System:</u> <ul style="list-style-type: none"> - Tender for Pooling Substation for 1200 MW floated and bidders has submitted their bids on last date of bid submission i.e. 26.07.2022. E-Reverse Auction is completed on 24.08.2022. The LOI issued to the successful bidder on 20.09.2022. - Tender for balance 1200 MW Pooling substation is published on 16.02.2023 and Lol issued to Successful contractor on 06.05.2023.

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							<ul style="list-style-type: none"> - Bid Evaluation for award of contract for 2375MW Transmission line is completed. Contract was also awarded. • <u>External Transmission System:</u> <ul style="list-style-type: none"> - LTA and connectivity agreement signed with CTUIL on 16.09.2021 for 600MW Capacity. GIPCL has made an application for balance 1775MW capacity for connectivity under GNA on 29.07.2023 and CTUIL has granted connectivity on 03.11.2023.
11.	GIPCL RE Park Ph-III (GIPCL)	Rann of Kutch, Khavda, Gujarat	575	31.03.2022	31.12.2024	Total 2500 acres of land is acquired.	<ul style="list-style-type: none"> • <u>Infrastructure Activities:</u> The contract for RE Park infrastructure like Pooling substation, Road, Drain and Pond works etc. have been awarded. Approach road completed. Bid evaluation completed and Lol issued on 04.01.2023 for Road, Drain and water retention pond. Desalination plant feasibility study is under progress for which pilot bore well digging and yield test completed. • <u>Internal Transmission System:</u> <ul style="list-style-type: none"> - Contract awarded for development of another 1200MW pooling substation on 06.05.2023. Transmission line Contract also awarded. • <u>External Transmission System:</u> <ul style="list-style-type: none"> - LTA and connectivity agreement signed with CTUIL on 16.09.2021 for 600MW Capacity. GIPCL has made an application for balance 1775MW capacity for connectivity under GNA on 29.07.2023 and CTUIL has granted connectivity on 03.11.2023.

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12.	Radhnesada Solar Park (GPCL)	Radhanesda , Banaskantha, Gujarat	700	01.12.2014	Completed.	Total 3517.5 acres of land is acquired.	<ul style="list-style-type: none"> • 600 MW capacity has been commissioned and out of 100 MW, 75MW commissioned on 01.04.2024 and 25 MW is Charged. • Infrastructural facilities of Roads & Drains, Water Supply System, Cable Tray Supports and Boundary Fencing have been completed. • <u>Internal Transmission System</u>: Substation Construction work of GETCO is completed and charged on 30-07-2021. 220 kV Transmission Line work is completed and charged on 05-07-2021 by GETCO. • <u>External Transmission System</u>: 220kV/400kV Pooling Station by PGCIL @ Khimanwas. Vav Dist. Banaskantha, was charged on 31-08-2020. LTA Connectivity granted. LTAA, TSA and TA agreement executed between PGCIL & GPCL on 13.10.2016. GPCL had surrender its ISTS Connectivity and new agreement/Con-6 (Connection agreement) executed amongst GPCL, GETCO and SPDs of 700 MW Radhanesda Solar Park on dated 20.07.2021. Construction Bank Guarantee of Rs. 35 Crore is deposited to PGCIL & extended up to 30.06.2024.

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13.	Dholera Solar Park Ph-I (GPCL)	Dholera / Mahadevpura, Ahmedabad, Gujarat	1000	25.06.2019	Under development.	Total 4940 acres of land is acquired.	<ul style="list-style-type: none"> • 300 MW capacity has been commissioned in March, 2022. • Infrastructural facilities of Roads & Drains, Water Supply System, Cable Tray Supports and Boundary Fencing are under development. • 300 MW power evacuated through AIS as stop gap arrangement. Transmission system is being developed by GETCO. • 700 MW Solar power project Tariff bid not accepted by GERC vide its order dated 29.01.2021 and the matter is sub-judice in APTEL for resolution of PPA issue. As per APTEL intermittent order the Bid has been deferred until further order received by GUVNL. GUVNL has Re-floated tenders for second time but all the developers of first tendering could get stay from APTEL and APTEL's final order is pending for 700 MW power procurement. The Last date of Bid Submission is 26 March 2024, however as per APTEL's Order Dtd. 07.08.2023; GUVNL will take further action as per order.SJVNL-100 MW & ReNew-200 MW have withdrawn their appeal from APTEL, and this 300 MW is being re-tendered. • <u>Internal Transmission System</u>: DSIRDA has given advance possession of Land to GPCL for 33/220 KV GIS Substation dated 06.06.2019. Substation construction work of GETCO was completed for 300 MW with AIS as stop gap arrangement and same was charged on March 2022. The work for 220 KV transmission line is completed and charged on March 2022 by GETCO. • <u>External Transmission System</u>: Power would be evacuated from the 220 kV/400kV existing Pooling Station of GETCO at Pachham substation.
14.	Pekhubela Solar Park (Himachal)	Himachal pradesh	53	01.02.2024	Not Available.	Not Available.	Not Available.

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	Pradesh Power Corporation Ltd-HPPCL)						
15.	DVC Floating Solar Park Ph-I (Green Valley Renewable Energy GVREL - A JV of DVC & NTPC Green Energy Limited)	Tilaya Dam, Koderma, Jharkhand <u>And</u> , Panchet Dam, Dhanbad, Jharkhand (part of project in West Bengal)	755	24.02.2022	---	4121 acre of land/water body is acquired and in possession of DVC.	<ul style="list-style-type: none"> • Park Development Activity is yet to start. Tenders to be floated. Approach Roads available. • <u>Solar PV Project:</u> <ul style="list-style-type: none"> - NIT for 310 MW issued on 22.02.2023. Bid opened and reverse auction completed on 03.12.2023. Award to various Developers. - Tender for 445 MW will be issued after award of 310 MW Solar Power Project. • <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> - NIT for Evacuation infrastructure (220KV-Pkg-2) issued on 11.01.2023 TC bid opened on 14.07.23. Price Bid opened on 22.09.2023 - Tender was cancelled due to high bid price. - NIT for Evacuation infrastructure (132KV-Pkg-1) issued on 03.02.2023. TC bids opened on 28.06.23. Price Bid opened on 31.07.23 Contract Awarded for Evacuation infrastructure (132KV-Pkg-1) to M/S SMS India Pvt. Ltd. on 19.01.2024. • <u>External Transmission System:-</u> <ul style="list-style-type: none"> - External Connectivity at DVC Sub-Stations.
16.	DVC Floating Solar Park Ph-II, (Green Valley Renewable Energy GVREL - A JV of DVC & NTPC Green Energy Limited)	Maithon Dam, Dhanbad, Jharkhand (part of project in West Bengal)	234	31.03.2020	---	2523 acre of land/water body is acquired and in possession of DVC.	<ul style="list-style-type: none"> • <u>Infrastructure Activities:</u> <ul style="list-style-type: none"> - DVC has decided to implement this Project also through GVREL (JVC of DVC with NTPC GEL). - Tender to be floated for Infrastructural facilities of Roads & Drains, Water Supply System, Cable Tray Supports and Boundary Fencing. • Internal and External Transmission system development is yet to be started.

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17.	SECI Floating Solar Park (SECI)	Getalsud Dam, Jharkhand	100	04.04.2019	Under development.	283 acres of Land /Water body has been acquired.	<ul style="list-style-type: none"> Provisional PPA signed on 09.11.2021 with JBVNL SECI & JBVNL have filed petition before JSERC on 28-04-2023 for approval of PPA and .PPA approved on 12-09-2023. NIT for selection of EPC contractor for the solar park was floated on 15-03-2023. Bid evaluated. EPC works would be awarded shortly. Tendering process is completed both project and park Notification for intention of award issued to successful bidder as per World Bank norms. LoA issued after end of MCC. Access road to the reservoir already exists. <u>Internal and External Transmission System:-</u> <ul style="list-style-type: none"> 132 kV D/c transmission line (with ACSR zebra conductor) of approximate 10 KM route length has to be constructed from Getalsud dam site to 132/33 KV IRBA, GSS of JUSNL. Park Substation construction activities will be taken up during project execution
18.	Bidar Solar Park (Karnataka Renewable Energy Development Ltd. - KREDL)	Bidar, Karnataka	500	04.08.2023	04.08.2025	Eol for 160 acres has been received out of total 2000 acres.	<ul style="list-style-type: none"> The earlier approved 500 MW Kalaburgi Solar park in Karnataka by KREDL has been cancelled by MNRE due to slow progress and in its place approval has been given for development of 500 MW Bidar Solar Park in Karnataka with KREDL as the Solar Park developer. Issue of LOA to M/s. iDeCK for preparation of DPR is Under Process. Connectivity will be applied for once 50% (1000 acres) of land is acquired.
19.	Pavagada Solar Park (Karnataka Solar Power Development Corporation Pvt.	Pavagada, Karnataka	2000	19.03.2015	Completed.	Total 12937 acres of land is acquired.	<ul style="list-style-type: none"> Infrastructural facilities of Roads & Drains, Water Supply System, Cable Tray Supports and Boundary Fencing have been completed.

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	Ltd. – KSPDCL a JV of KREDL & SECI)						<ul style="list-style-type: none"> • <u>Internal Transmission System:</u> <ul style="list-style-type: none"> - Contract awarded to M/s. L&T for establishing 4 nos. of 2x150MVA, 220/66 kV internal pooling stations. - All 4 stations of 220/66kV stations along with associated transmission lines have been charged on 01-12-2017, 08-12-2017, 29-01-2018 & 17-09-2018. - Contract awarded on 23-02-2017 to M/s. Amara Raja Power Systems Ltd for establishing 4 nos. 4x80MVA, 220/33 kV internal pooling stations. - All 4 nos. of 220/33kV substations have been commissioned. - Associated transmission lines emanating from 8Nos of 220/66/33kv stations upto POWERGRID Pavagada 400/220kv Station have also been charged. - KSPDCL has awarded to M/s. Viji Power Transformers Pvt Limited on 08-08-2016 for establishing 2 x 8 MVA, 66/11kV station at Balasamudra along with connected Transmission lines for providing auxiliary power supply to solar park area. - Commissioned on 22-11-2017. - KSPDCL has awarded the work of providing HT/LT network and Street Lights for Pavagada Solar Park to M/s. Kumar Electricals on 19-11-2016. - M/s. Kumar Electricals, Bengaluru have commissioned 5 nos. of 11kV feeders (UG Cable) for catering the auxiliary power supply to all 8 nos. of 220/66/33kV stations. - 2700 nos. of streetlights along with LT Cable and feeder pillar boxes are also commissioned. With this, 100% work awarded to M/s. Kumar Electricals has been commissioned. • <u>External Transmission System:-</u> <ul style="list-style-type: none"> - Implementing Agency: CTU

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							<ul style="list-style-type: none"> - Details of Tendering: Work awarded to M/s L&T on 11-04-2016 for Phase I and to M/s. BHEL for Phase II. - POWERGRID has commissioned commercial operation of 1st 500MVA transformer on 6th Dec 2017, 2nd 500MVA transformer on 14th Feb 2018, 3rd 500MVA transformer on 12th Jul 2018, 4th transformer on 31st Mar 2019 and 5th 500MVA transformer on 28-04-2019. - KSPDCL has entered into LTA & Grid connectivity agreements with POWERGRID on 11-05-2016 & 25-09-2019 in respect of transfer of 1800MW and 200MW of solar power to DISCOMS of Karnataka and UPPCL respectively from 2000MW Pavagada solar park. - KSPDCL has entered into Connection Agreement with POWERGRID on 29-11-2017. - Construction Bank Guarantee for Rs. 100 crores has been handed over to POWERGRID on 27-12-2016. - POWERGRID vide letters dated 05-09-2018, 03-10-2018 & 27-12-2019 has informed that part LTA of 600MW & 400MW of Phase I to Karnataka Discoms and 200MW of phase II to UPPCL on firm basis is being made effective from 12-07-2018, 28-09-2018 & 30-12-2019 respectively as per LTA intimation in line with CERC Regulations. - POWERGRID vide letter dated 1-5-2020 has informed that they have operationalized balance quantum of 850MW on LTOA basis w.e.f 3-5-2020 from Pavagada Solar Park. - Upon commissioning of the entire capacity of 2000 MW by SPDs and operationalization of entire capacity of 2000MW on LTOA basis, POWERGRID during sept 2020 has returned the Construction Bank Guarantee of Rs. 100 crores to KSPDCL. - Dec-2019 entire 2000MW has been achieved.

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20.	Floating Solar Park (NHPC)	West Kallada, Kerala	50	08.12.2020	31.03.2025	68 acres of land/water body has been acquired. Transfer of balance water body is in process and Lease agreement shall be signed after signing of PPA.	<ul style="list-style-type: none"> • <u>Solar Project:-</u> <ul style="list-style-type: none"> - To be developed through EPC contract, EPC contract yet to be awarded. - Tender for development of 50 MW Project has been published on CPP Portal on 05.04.2023. - In spite of several extensions in bid submission dates, Single bid (M/s Apollo International Limited, Gurugram) received by the cutoff date, price bid opened and quoted price is 11.56% above estimated cost. Negotiation with bidder in process. Accordingly, EPC Contract to be awarded after finalization of tender & signing of PPA. - Date of NIT: 22.06.2021, however NIT for EPC Contract has been cancelled on 04.03.2022 due to non-signing of PPA by KSEB and L1 bidder has not extended the bid validity. - KSEB vide letter dated 14.12.2022 requested NHPC to invite retender for 50 MW Floating Solar Power Project at West Kallada, Kerala. - Invited EPC tender finalized. Based on the offer of the bidder, NHPC vide letter 21.02.2024 offered levelized tariff Rs.3.02/kWh with VGF & Rs.3.15/kWh without VGF considering CFA of Rs. 10.00 Crore and with reimbursement of tax on RoE on actual basis. - In response, KSEBL vide letter dtd:29.02.2024 requested to intimate the ceiling tariff inclusive of all taxes and inform the bottom rock offer mentioning that the rate is much higher than the other solar power contracts. - In order to optimize the tariff, matter was taken up with WKNCEPPL (West Kallada Non-Conventioal Energy Promoters Private Limited) who via letter dated

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							<p>16.02.2024 agreed to reduce the land lease charges @ 4% of project revenue to 3% of project revenue.</p> <ul style="list-style-type: none"> - Based on Based on above, the revised tariff has been worked out for offering the same to KSEB for providing PPA consent. • <u>Internal & External Transmission System:-</u> <ul style="list-style-type: none"> - Internal Transmission system upto LILO point shall be developed through EPC Contract for entire project. EPC work yet not awarded. - Connectivity approval obtained for LILO at 110 kV Transmission line (Chavara- Kundara line of KSEB) at 1.3 Km distance from project site.
21.	Kasaragod Solar Park (Renewable Power Corporation of Kerala Limited – RPCKL – a JV of SECI & KSEB)	Kasargod, Kerala	105	19.03.2015	Completed.	Total 500 acres of land is acquired.	<ul style="list-style-type: none"> • Infrastructural facilities of Roads & Drains, Water Supply System, Cable Tray Supports and Boundary Fencing have been completed. • <u>Internal & External Transmission System:</u> Completed. • 100 MW capacity has been commissioned. Project work awarded for balance 5 MW. • 5 MW Captive Power Project by M/s MIMS.33 kV Power evacuation line is already in place. The work of one span LILO arrangement has been started for which the work was entrusted with KSEBL on deposit work basis. LILO arrangement structure works completed. Commissioning works in progress.

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22.	Neemuch Solar Park (Rewa Ultra Mega Solar Limited RUMSL- a JV of MPUVN and SECI)	Neemuch, Madhya Pradesh	500	28.01.2020	Under development.	Total 2471 acres of land is acquired.	<ul style="list-style-type: none"> • Infrastructural facilities of Roads & Drains, Water Supply System, Cable Tray Supports and Boundary Fencing have been completed. • <u>Internal Transmission System:-</u> • RUMSL is developing internal evacuation infrastructure comprising of 3x33/220 kV substations and associated transmission lines to 220/400 kV Neemuch ISTS substation. • Date of achievement of milestones: Award of Contract for pooling substation and transmission line: 19-08-2021. • <u>External transmission system:</u> <ul style="list-style-type: none"> - External evacuation is planned through CTU substation in Neemuch, which is being developed by PGCIL. - Award of work for external transmission system of Neemuch was delayed and is expected that evacuation infrastructure be available after COD of Neemuch Project.
23.	Agar Solar Park (Rewa Ultra Mega Solar Limited RUMSL- a JV of MPUVN and SECI)	Agar, Madhya Pradesh	550	29.01.2020	Under development.	Total 2718 acres of land is acquired.	<ul style="list-style-type: none"> • Infrastructural facilities of Roads & Drains, Water Supply System, Cable Tray Supports and Boundary Fencing have been completed. • <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> - RUMSL is developing internal evacuation infrastructure comprising of 2x33/220 kV substations and associated transmission lines. • Date of achievement of milestones: <ul style="list-style-type: none"> - Award of Contract for pooling substation and transmission line: 19-08-2021. Both 33/220 kV substations charged in March 2024 • <u>External transmission system: -</u>

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							<ul style="list-style-type: none"> - Evacuation of power is through Pachora ISTS substation which has been developed by Rajgarh Transmission Limited.
24.	Shajapur Solar Park (Rewa Ultra Mega Solar Limited RUMSL- a JV of MPUVN and SECI)	Shajapur, Madhya Pradesh	450	30.01.2020	Under development.	Total 2224 acres of land is acquired.	<ul style="list-style-type: none"> • Infrastructural facilities of Roads & Drains, Water Supply System, Cable Tray Supports and Boundary Fencing have been completed. • <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> - RUMSL is developing internal evacuation infrastructure comprising of 2x33/220 kV substations and associated transmission lines. • Date of achievement of milestones: <ul style="list-style-type: none"> - Award of Contract for pooling substation and transmission line: 19-08-2021. Work on site have commenced and internal evacuation infrastructure Works are ongoing. • <u>External transmission system: -</u> <ul style="list-style-type: none"> - Evacuation of power is through Pachora ISTS substation which has been developed by Rajgarh Transmission Limited.
25.	Omkareswar Floating Solar Park (Rewa Ultra Mega Solar Limited RUMSL- a JV of MPUVN and SECI)	Omkareswar, Madhya Pradesh	600	17.09.2020	Under development.	Water body identified and acquired on right to use basis. Total 481 Acres land Acquired.	<ul style="list-style-type: none"> • <u>Infrastructure Activities:-</u> <ul style="list-style-type: none"> - Common facilities including access road, construction power, etc. as per the MNRE Solar Park Scheme have been provided by RUMSL to SPDs - RUMSL is also providing other necessary infrastructure such as temporary storage area and launch pads near the reservoir. - Delay encountered in internal evacuation infrastructure development as Revenue land at Saktapur where substation is proposed to be developed in Phase I had been identified as Forest land. Clearance of the same has been obtained from MoEFCC.

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							<ul style="list-style-type: none"> • <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> - RUMSL Developed 33/220 kV substation and 220 kV transmission lines at Saktapur village and evacuate power through existing 400/220 kV MPPTCL substation at Chhegaon, Khandwa. - For Phase II (300 MW), RUMSL will develop 33/220 kV substation and 220 kV transmission lines at Chitramod village and evacuate through existing 400/220 kV MPPTCL substation at Chhegaon, Khandwa. - Date of achievement of milestones: Award of Contract for pooling substation and transmission line: 28-10-2022. • <u>External Transmission System:-</u> <ul style="list-style-type: none"> - Existing 400/220 kV MPPTCL (STU) substation at Chhegaon, Khandwa.
26.	Chhatarpur Solar Park (Rewa Ultra Mega Solar Limited RUMSL- a JV of MPUVN and SECI)	Chhatapur, Madhya Pradesh	450	17.09.2020	31.12.2024	Total 5238 acres of land is acquired.	<ul style="list-style-type: none"> • Park development activity is yet to start. • Baseline and DPR studies have been carried out. • RUMSL is analysing the development of Chhatarpur solar park. However, the presence of forest land in vicinity poses challenge for project as well as evacuation infrastructure • <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> - Substation and transmission line up to the proposed CTU substation would be developed by RUMSL. • <u>External Transmission System:-</u> <ul style="list-style-type: none"> - Power evacuation is proposed through Greenfield CTU substation.
27.	Barethi Solar Park (NTPC Renewable Energy Ltd.)	Barethi , Madhya Pradesh	630	17.09.2020	Under development.	Total 2800 acres of land is acquired	<ul style="list-style-type: none"> • Park development activity is under process. • Fencing work for the project done for small portion.

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						and in possession of NTPC REL.	<ul style="list-style-type: none"> • Stage -I Connectivity granted for 630 MW in the name of NTPC REL. • NIT for 630 MW Solar Project on EPC Basis Floated • DPR for Barethi Solar Park approved by MNRE on 19.03.2024. • PGCIL (CTU) is stated to have communicated that separate Pooling Substation shall be developed for power evacuation from Barethi Solar Park. • <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> - NIT Issued for the Internal Pooling (630 MW) Substation Package. Tendering activities for the 630 MW Solar Projects under EPC Mode have been initiated. • <u>External Transmission System:-</u> <ul style="list-style-type: none"> - Connectivity application for 630 MW is to be reapplied, based on observation of CTU.
28.	Rewa Solar Park (Rewa Ultra Mega Solar Limited RUMSL- a JV of MPUVN and SECI)	Rewa, Madhya Pradesh	750	01.12.2014	Completed in June, 2018.	Total 3706 acres of Land Acquired.	<ul style="list-style-type: none"> • Park infrastructure development has been completed. • Entire 750 MW has been commissioned by 3rd January, 2020. • <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> - 3 x 33/220 kV substations and 6x220 kV DCDS developed by RUMSL for 3 Units of 250 MW each. • <u>External Transmission System:-</u> <ul style="list-style-type: none"> - 400/220 kV PGCIL substation at Rewa for evacuation of 750 MW solar power from the park fully commissioned.
29.	Mandsaur Solar park (Rewa Ultra Mega Solar Limited RUMSL- a JV of MPUVN and SECI)	Mandsaur, Madhya Pradesh	250	15.01.2016	Completed in September,2017	Total 1382.86 acres of Land Acquired.	<ul style="list-style-type: none"> • Park infrastructure development has been completed. • Entire 250 MW has been commissioned. • <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> - 33/220 kV substation and 2x220 kV DCDS lines developed by RUMSL.

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							<ul style="list-style-type: none"> • <u>External Transmission System:-</u> • 400/220 kV substation developed by MPPTCL at Mandsaur.
30.	Morena Solar Park (Phase I) (RUMSL)	Morena , Madhya Pradesh	600	01.02.2024	Not Available.	<ul style="list-style-type: none"> • Land allotted to NRE Department, GoMP: 4038 hectares • Land parcels of 2 hectare per MW will be allotted to select SPDs at the time of signing of project agreements. 	<ul style="list-style-type: none"> • RUMSL shall develop the park infrastructure as per the Solar Park Scheme. • 4 x 150 MW Solar Project Units are proposed to be developed • Project is proposed as FDRE project with Wind and Energy Storage options to be developed by the Selected Bidder. • <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> - RUMSL is planning to develop 2 x 33/400 kV substations at Morena. Each substation will evacuate power from 2x150 MW Solar Project Units. • <u>External Transmission System:-</u> <ul style="list-style-type: none"> - RUMSL is planning to evacuate power from the solar park through CTU.
31.	Sai Guru Solar Park (M/s Sai Guru Mega Solar Park Pvt. Ltd. – formerly, M/s. Pragat Akshay Urja Ltd.)	Sakri, Maharashtra	500	29.09.2015	No Activity is underway.	Total 3200 Acres of Land identified.	<ul style="list-style-type: none"> • Park development activity is yet to start. • Matter is sub-judice.
32.	Dondaicha Solar Park (Maharashtra State Electricity Generating Co. Ltd. - MAHAGENCO)	Methi & Vikharan, Dhule, Maharashtra	250	17.12.2015	Under development.	Total 1247.16 acres of land is acquired.	<ul style="list-style-type: none"> • Park development activity had started and Fencing of Land parcel is going on. • Since Mahagenco is now developing its own EPC project inside solar park for RE Bundling , Construction of other civil infrastructure including main & approach roads & drain along roads, water supply system including GSR, Piping & Deepening of wells for 250 MW Solar Park etc. will be undertaken through Solar Project EPC contractor subject to the outcome of the MERC petition.

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							<ul style="list-style-type: none"> • <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> - LoA is placed by MSETCL on M/s Stelmec Ltd on dated 09.12.2021 for 220/33kV Pooling Substation & 220 kV LILO. (Taken-up through MSETCL on depository basis. Mahagenco has paid Rs. 95.90 Cr to MSETCL for said work.) - Details of Solar Park Pooling Substation: 100 MVA, 220/33kV Power Transformer - 3 Nos with Bays. Line Bays - 4 Nos 33kV O/G feeders - 10 Nos. - Details of 220kV LILO:- LILO of 220 kV Dondaicha - Dhule S/C and 220 kV Dondaicha - Amalner -Dhule S/C at 220 kV Pooling S/s at Solar Park site by erecting M/C towers from LILO Point. (Length approx 1.78 km) M/s Stelmec Ltd has mobilised manpower & machineries at site.Civil Work = More than 55 % Completed.Electrical Work = More than 35 % Completed.
33.	Patoda Solar Park Maharashtra (M/s Paramount Solar Pvt Ltd)	Maharashtra	250	07.12.2023	Not Available.	Total 750 acres of Land has been acquired.	<ul style="list-style-type: none"> • Infrastructures like Approach Road and Water Arrangement have been completed. • Grid connectivity has been received from MSETCL via a letter dated 25-01-2024. • Discussion is going on with SPD/SPDs for implementation of the projects. • The work on the upgradation/augmentation of the 220 kV Paotda GSS needs to be started by MSETCL according to policy/scheme. • The work on transmission lines and internal power evacuation infrastructure shall commence soon after the land is transferred to the SPD.
34.	105 MW Erai Floating Solar Park (MAHAGENCO)	Maharashtra	100	01.02.2024	Not Available.	Total 427 acres of Water body identified.	<ul style="list-style-type: none"> • Work order placed on 24.04.2023 for development of approach road and work is completed

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							<ul style="list-style-type: none"> • Work order placed on 03.11.2023 for development of water supply system and work is in progress. • DPR Prepared including Bathymetry survey and under approval of Mahagenco and DPR will be submitted to SECI/MNRE shortly. • Mahagenco has published tender on 17.06.2022 for selection of Solar Project Developer and tender is annulled, due to non-receipt of consent from MSEDCL for power purchase at the discovered tariff of Rs. 3.84/kWh. It is envisaged to retender selection of SPD on receipt of fresh consent with benchmark tariff from MSEDCL. (Response of MSEDCL awaited). • <u>Internal and External Transmission System:-</u> <ul style="list-style-type: none"> - 200/33kV pooling substation and 220kV LILO arrangement will be constructed by Mahagenco through MSETCL on the depository basis. MSETCL has given demand of Rs 71.80 Crs for this work. Out of Rs. 71.80 Crs Mahagenco has paid Rs. 59.8 Crs to MSETCL and tender preparation is under progress.
35.	Vankal Solar Park, (Power & Electricity Department, Mizoram)	Vankal, Khawzawl, Mizoram	20	10.10.2017	Completed in March, 2023.	Spanning over an area of 144.6 acres.	<ul style="list-style-type: none"> • Park infrastructure development has been completed. • Entire 20 MW has been commissioned.
36.	Rengali Floating Solar Park Ph-I (JV of NHPC and GEDCOL)	Rengali Reservoir, Angul, Odisha	100	08.12.2020	31.03.2026	Water body identified.	<ul style="list-style-type: none"> • Park development activity is yet to start. • Offer for consent of PPA at the levelized tariff of Rs. 5.03/unit sent to GEDCOL on 10.10. 2023 by BHEL Further discussion happened between BHEL and GEDCOL for optimization of Levelized Tariff. • BHEL vide letter dated 12.02.2024 submitted the revised cost. Accordingly revised LT works out to Rs.4.67/unit and the same offered to GEDCOL on 22.02.2024 for obtaining PPA consent from GRIDCO. Discussion for PPA in process with GEDCOL/GRIDCO.

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							<ul style="list-style-type: none"> • Upon consent of GRIDCO for procurement of power, JV Company shall be incorporated who award the EPC Contract and implement the project. • <u>Transmission System:</u> - <ul style="list-style-type: none"> - Internal Transmission System from project site to PGCIL substation to be developed in EPC mode after formation of JV Company and award of EPC Contract. Power evacuation identified through nearby (about 3 KM) 400/220 KV substation of PGCIL. - Connectivity shall be applied by JVC after its formation.
37.	Rengali Floating Solar Park Ph-II (JV of NHPC and GEDCOL)	Rengali Reservoir, Angul , Odisha	200	24.02.2022	31.03.2026	Water body identified.	<ul style="list-style-type: none"> • Park development activity is yet to start. • Offer for consent of PPA at the levelized tariff of Rs. 5.03/unit sent to GEDCOL on 10.10. 2023 by BHEL Further discussion happened between BHEL and GEDCOL for optimization of Levelized Tariff. • BHEL vide letter dated 12.02.2024 submitted the revised cost. Accordingly revised LT works out to Rs.4.67/unit and the same offered to GEDCOL on 22.02.2024 for obtaining PPA consent from GRIDCO. Discussion for PPA in process with GEDCOL/GRIDCO. • Upon consent of GRIDCO for procurement of power, JV Company shall be incorporated who award the EPC Contract and implement the project. • <u>Transmission System:</u> - <ul style="list-style-type: none"> - Internal Transmission System from project site to PGCIL substation to be developed in EPC mode after formation of JV Company and award of EPC Contract. Power evacuation identified through nearby (about 3 KM) 400/220 KV substation of PGCIL. - Connectivity shall be applied by JVC after its formation.

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38.	Odisha Solar Park (NHPC)	Landehill, Ganjam, Odisha	40	22.10.2018	31.03.2025	Total 176 acres of land is acquired.	<ul style="list-style-type: none"> • Entire Solar Park Infrastructure to be developed through EPC Contract. • EPC contractor was finalized and PPA was signed. The project development was stopped by the contractor – M/s. TPSSL due to issue of BCD. • The contract with TPSSL was terminated. Amicable settlement of dispute between NHPC & TPSSL signed on 30.05.2023. • NIT for fresh EPC Contract floated on 29.09.2023. Total 06 nos. of bids received. Technical bids opened on 13.12.2023. E-Reverse auction for invited EPC tender concluded on 19.03.2024. • Based on the finalized tender, amendment in earlier signed PPA with GRIDCO (w.r.t. project timeline and energy generation) has been taken up for subsequent Award of EPC Contract accordingly. • <u>Transmission System:-</u> Power will be evacuated from 40 MW Solar PV Plant at 220 kV level with OPTCL Transmission system through LILO provision in the existing 220 kV Bhanjanagar-Nayagarh line.
39.	Phalodi - Pokaran Solar Park (M/s. Essel Surya Urja Company of Rajasthan Limited - ESUCRL- A JV of Rajasthan State Govt. and Essel Infraprojects Ltd.)	Phase-IA : Phalodi, Jodhpur (400 MW) & PhaseIB: Pokaran (350 MW), Jaisalmer, Rajasthan	750	17.12.2015	Under development.	Total 3300 acres of land has been acquired.	<ul style="list-style-type: none"> • Boundary Wall work completed on both the sites. • Road work completed at Pokaran site and under progress at Phalodi site. • Park Infrastructure has been developed for 350 MW capacity at Pokaran site and 300 MW capacity of Solar Projects have been commissioned therein. • Work has stopped at Phalodi site from February, 2020 due to stay order by Jodhpur Court for Phalodi land. Alteration in land has been made as per Hon'ble Court directives and the process of handing over of land is in final stage at DC office and will be allotted shortly.

S. No.	Name of the Solar Park (Agency)	Location (Village/ District/ State)	Total Capacity of Solar Park/ UMREPP (MW)	Date of Approval	Solar Park Completion Date (Actual/ Anticipated)	Land Acquisition Status	Current Status
							<ul style="list-style-type: none"> Solar Project Developer - Adani Solar Energy RJ One Pvt. Ltd. selected for 600 MW out of which 300 MW capacity has already been commissioned at Pokaran site. Construction of two no 33/220kV substations is under progress for balance 400 MW capacity at Phalodi land in that 150 MW Park facility has been commissioned on 28.03.2024. As per the PPA between SECI and SPD 150 MW generated by SPD going to East Zone i.e Bihar through original scheme after commissioning of bal substation ISS-1on 28-03-20234 & MSS which is under progress & expected to be complete by 31st May-2024. <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> Construction of ISS-2 completed & same was commissioned on 08-06-2021. Construction of dedicated 220 kV D/C transmission line completed & same was commissioned on 08-06-2021. Construction of GIS bay at PGCIL Bhadla completed & same were commissioned on 08-06-2021. Construction of ISS-1 completed & same was commissioned on 28-03-2024. Construction of MSS is in progress. <u>External Transmission System:-</u> <ul style="list-style-type: none"> External Transmission system already developed & commissioned at Bhadla1 SS of PGCIL.
40.	Nokh Solar Park (Rajasthan Solar Park Development Company Ltd. RSDCL- a subsidiary of RRECL)	Jaisalmer, Rajasthan	925	18.07.2017	Under development.	Total 4587 acres of land has been acquired.	<ul style="list-style-type: none"> Work has been awarded for Park infrastructural facilities of road, water system are almost completed. Solar Projects are being developed by NTPC under EPC (735 MW) and 190 MW under Developer mode (M/s. Rising Sun). 190 MW commissioned.

S. No.	Name of the Solar Park (Agency)	Location (Village/ District/ State)	Total Capacity of Solar Park/ UMREPP (MW)	Date of Approval	Solar Park Completion Date (Actual/ Anticipated)	Land Acquisition Status	Current Status
							<ul style="list-style-type: none"> As this project is in GIB dominate area, so as per Honourable SC guidelines BFDs installation have been done. <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> Transmission Lines work has been completed. Work order for construction of park pooling sub-stations has been issued on 11.11.2020 Due to slow progress of contractor, the contract with the contractor has been terminated on 24.04.2023 and the balance work at Risk & Cost of the contractor is initiated. From which PPS-4 work is given to RVPN under deposit work of RSDCL and remaining PPS-1, 2 &3 fresh NIT has been floated and the same was dropped due to higher prices against estimated cost quoted by the bidder against estimated cost. Out of 04 PPS 1 PPS (PPS-4) has been charged and evacuation of Solar Power of 164MW of M/s Rising Sun project started from 27.10.2023. Rest of 3 PPS, new tender for balance work has been issued on 29.01.2024 <u>External transmission system: -</u> <ul style="list-style-type: none"> PGCIL has granted the Connectivity and LTA in ISTS through 765/400/220KV PGCIL, Bhadla-II GSS. The Transmission, LTA & Transmission Service Agreements between PGCIL and RSDCL have been signed on 04.11.2019. Extended Date of connectivity: 01.06.2022. Extended start date of LTA: 08.03.2023
41.	Pugal Solar Park Ph-I (Rajasthan Solar Park Development Company Ltd. RSDCL- a subsidiary of RRECL)	Pugal , Rajasthan	1000	24.02.2022	---	Around 4942 Acres of Land has been identified and allotment by Govt. of Rajasthan is under process.	<ul style="list-style-type: none"> Park development activity is yet to start. MNRE has approved the DPR of this solar park on 23.08.2023. RSDCL has applied Stage-I connectivity of 1000 MW Pugal Solar Park phase-I on newly proposed Bikaner-III GSS of CTU

S. No.	Name of the Solar Park (Agency)	Location (Village/ District/ State)	Total Capacity of Solar Park/ UMREPP (MW)	Date of Approval	Solar Park Completion Date (Actual/ Anticipated)	Land Acquisition Status	Current Status
							on 04.04.2023. RSDCL is to apply afresh to CTU for connectivity under GNA after allotment of land.
42.	Pugal Solar Park Ph-II (Rajasthan Solar Park Development Company Ltd. RSDCL- a subsidiary of RRECL)	Pugal , Rajasthan	1000	31.03.2022	---	Around 4646 Acres of Land has been identified and allotment by Govt. of Rajasthan is under process.	<ul style="list-style-type: none"> • Park development activity is yet to start. • After Allotment of the Land Park infrastructures will be developed.
43.	RVUN Solar Park (Rajasthan Rajya Vidyut Utpadan Nigam Ltd. - RRVUNL)	Village Ramsar Chhota, Barala and Bandrewal, Tehsil Pugal, Bikaner, Rajasthan	2000	31.03.2022 for 1310 MW and, 28.04.2023 for 2000 MW	31.03.2025	Total 11975.23 acres of land is acquired.	<ul style="list-style-type: none"> • Park Development activity has started. • Tender for EPC of Solar Park published on 11.12.2023. Date of opening of tender is 25.01.2024. • M/s NLC India Limited have been selected through TBCB as Solar Project developer for 810 MW. Lol issued to M/s NLC India on 03.10.2023 on Tariff of Rs 2.64/kWh discovered through e-reverse bidding. • For remaining capacity of 1190 MW, modalities for project installation are being finalized under MoU signed between RVUN & CIL. • RVUN has invited an open tender on the E-procurement portal on 14.03.2024 for the civil work of RVUN's 2000 MW Solar Park, covering "Design, Engineering, Supply, Construction of all Civil & Miscellaneous Works, etc." The due date for opening has been extended until 21.05.2024. • Power generated from solar project shall be procured & supplied by RVUN to DISCOMs under MoP's scheme for flexibility in Generation and Scheduling of Thermal/Hydro Power Stations through bundling with Renewable Energy and Storage. • <u>Transmission System:</u> Technical feasibility for Power Evacuation from RVUN's 2000 MW Solar Park has been approved by RVPN.

S. No.	Name of the Solar Park (Agency)	Location (Village/ District/ State)	Total Capacity of Solar Park/ UMREPP (MW)	Date of Approval	Solar Park Completion Date (Actual/ Anticipated)	Land Acquisition Status	Current Status
44.	Bhadla-II Solar Park (Rajasthan Solar Park Development Company Ltd. RSDCL- a subsidiary of RRECL)	Bhadla, Jodhpur, Rajasthan	680	02.12.2014	Completed.	Solar Park has been developed on 4450 acres of land.	<ul style="list-style-type: none"> Park infrastructure development has been completed. Entire 680 MW has been commissioned. <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> Work of construction of 2 nos. 220 kV pooling stations and associated 220 KV & 132 KV Tr. lines has been completed. 220 KV D/c lines and both the pooling stations have been charged on 18.01.17. <u>External Transmission System:-</u> <ul style="list-style-type: none"> Work for power evacuation system through 400KV GSS RVPN, Bhadla is completed and GSS commissioned.
45.	Bhadla -III Solar Park (Surya Urja Company of Rajasthan Ltd. – SUCRL – a JV of State Govt. and IL&FS Energy)	Bhadla, Jodhpur, Rajasthan	1000	12.12.2014	Completed.	Solar Park has been developed on 5500 acres of land.	<ul style="list-style-type: none"> Park infrastructures like Approach Road, Drains, Fencing, and water supply system development has been completed. Entire 1000 MW has been commissioned.
46.	Bhadla -IV Solar Park (Adani Renewable Energy Park Rajasthan Ltd. – AREPRL – a JV of State Govt. & Adani Renewable Energy Park Ltd.)	Bhadla, Jodhpur, Rajasthan	500	29.09.2015	Completed.	Solar Park has been developed on 3286.50 acres of land.	<ul style="list-style-type: none"> Park infrastructures like Approach Road, Drains, Fencing, and water supply system development has been completed. Entire 500 MW has been commissioned. <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> 2 Nos. of 220/33 kV Pooling substations are installed for total 500 MW Solar Park. <u>External Transmission System:-</u> <ul style="list-style-type: none"> North Block 250 MW is being evacuated through STU (RVPN) 400 kV GSS at Bhadla.

S. No.	Name of the Solar Park (Agency)	Location (Village/ District/ State)	Total Capacity of Solar Park/ UMREPP (MW)	Date of Approval	Solar Park Completion Date (Actual/ Anticipated)	Land Acquisition Status	Current Status
							<ul style="list-style-type: none"> - South Block 250 MW is being evacuated through CTU (PGCIL) 765/400 kV GSS at Nure Ki Bhurj.
47.	Fatehgarh Phase -1B Solar Park (Adani Renewable Energy Park Rajasthan Ltd. – AREPRL – a JV of State Govt. & Adani Renewable Energy Park Ltd.)	Fatehgarh, Jaisalmer, Rajasthan	421	01.02.2016	Completed.	Total 6187 acres of land is acquired for 1500 MW capacity at site.	<ul style="list-style-type: none"> • Park infrastructure development has been completed. • Entire 421 MW capacity under Solar Park has been commissioned out of the total capacity of 996 MW commissioned at site.
48.	Bodana Solar Park, Rajasthan (TREDCO Rajasthan Ltd.)	Bodana, Jaisalmer, Rajasthan	1292	01.02.2024	Not Available.	To be Finalised.	<ul style="list-style-type: none"> • The LOA for Preparation of DPR has been issued to M/s WAPCOS Ltd, New Delhi on 28.02.2024.
49.	Jalaun Solar Park (Bundelkhand Saur Urja Limited – BSUL – a JV of NHPC & UPNEDA)	Jalaun, Uttar Pradesh	1200	17.09.2020	31.12.2026	Total 6000 acres of land (out of which 3684.79 in which Govt. land: 2970.67 acres & Pvt land: 717 acres has been acquired, Balance is in progress.)	<ul style="list-style-type: none"> • Park infrastructure is under development. • Terms of References (TOR) signed between BSUL and REMCL for offtake of 800 MW power and rest with UPNEDA and UPPCL. • <u>Internal Transmission System:</u> <ul style="list-style-type: none"> - The internal evacuation from each of the blocks is proposed to be evacuated at 33 kV voltage level, with each block having 33 kV cables connecting to 33/400 kV Main pooling substation (PSS). - For Orai site, one 33/400 kV Main pooling substation is proposed and two 33/400 kV Main pooling substations, PSS 1 and PSS 2 are proposed for Madhogah site.

S. No.	Name of the Solar Park (Agency)	Location (Village/ District/ State)	Total Capacity of Solar Park/ UMREPP (MW)	Date of Approval	Solar Park Completion Date (Actual/ Anticipated)	Land Acquisition Status	Current Status
							<ul style="list-style-type: none"> - The power from PSS 1 at 400 kV will be evacuated through 400 kV single circuit transmission line mounted on double circuit tower, which will be further connected to PSS 2. • <u>External Transmission System:</u> <ul style="list-style-type: none"> - 400/765 kV Ait Substation, Orai, Jalaun of PGCIL (CTU) is about 15 Kms/70 Kms from the identified location 1 / 2. - PGCIL vide email dated: 20.02.2023 conveyed willingness to execute transmission system for Jalaun Solar Park on consultancy basis. - CTUIL vide letter dated: 15.02.2024 conveyed in-principle grant of connectivity for Jalaun Solar Park 1200 MW.
50.	Lalitpur Solar Park (TUSCO Ltd. - a JV of THDC & UPNEDA)	Tehsil Talbehat, District Lalitpur, Uttar Pradesh	600	13.10.2020	31.05.2025	Total 2700 acres of land is required as per reassessment, of which 2335.4 acres land acquired (Govt. land: 1317.80 acres & Pvt land: 1831.55 acres).	<ul style="list-style-type: none"> • Park infrastructure is under development. Total 25 km of fencing work has been awarded and is in progress. • Lease agreement between TUSCO Ltd and UPNEDA for allotment of Govt. land has been signed and in possession of TUSCO. • DPR: Approved by State High-Level Committee of U.P. and also financially vetted by REC-PDCL on 13.04.2023 for Rs 449.23 Cr. Subsequently, the same has been submitting to MNRE/SECI for its approval. • UPPCL has been requested to give consent for procurement of power from Lalitpur Solar Park. • Solar Projects work is yet to be started. • <u>Internal Transmission System:</u> 2 Nos. 33/220 kV Pooling Substations including 220 KV D/C Transmission Lines are proposed to evacuate power from Solar Park to 220/400/765 kV Grid Sub-station (GSS).

S. No.	Name of the Solar Park (Agency)	Location (Village/ District/ State)	Total Capacity of Solar Park/ UMREPP (MW)	Date of Approval	Solar Park Completion Date (Actual/ Anticipated)	Land Acquisition Status	Current Status
							<ul style="list-style-type: none"> • <u>External Transmission System:</u> <ul style="list-style-type: none"> - The Land Use MoU/Agreement has been signed between TUSCO Ltd. & UPPTCL on 17.07.2023 for handover of 81.89 acre of land for Construction of 220/400/765KV Grid Sub-station (GSS) at village-Khandi, Tehsil-Talbehat, Distt. Lalitpur. - The work for the same under GEC-II has been awarded on 16.11.2023 by UPPTCL to M/s KPTL Noida with the completion period 30 months. Soil investigation has been completed at site location. Levelling & Fencing work of land allotted to GSS has been started.
51.	Jhansi Solar Park (TUSCO Ltd. - a JV of THDC & UPNEDA)	Tehsil Garautha, District Jhansi, Uttar Pradesh	600	13.10.2020	31.05.2025	Total 2700 acres of land is required as per reassessment, of which 2575.01 acres land is acquired (Govt. land: 263.77acres & Pvt land: 2211.24 acres).	<ul style="list-style-type: none"> • Park infrastructure is under development. Total 45 km of fencing work has been awarded, of which 37 km has been completed and balance is in progress. The other civil infrastructure works such as drainage, admin building etc are in pipeline and approach road is being developed by UPPWD. • In-principle consent for signing PPA of capacity 600 MW has been received from UPPCL with tariff ceiling of Rs. 2.70/unit. • NIT for selection of SPD for Jhansi Solar Power Park has been floated by UPNEDA on 29.02.2024. Pre-bid meeting, chaired by Director (UPNEDA), was conducted on 01.04.2024. Last date for Bid submission is 08.05.2024. • DPR: MNRE has approved the DPR for development of Jhansi Solar power park for Rs. 429.92 Cr on 20.06.2022 • <u>Internal Transmission System:</u> <ul style="list-style-type: none"> - 2 Nos. 33/220 kV Pooling Substations including 220 KV D/C Transmission Lines are proposed to evacuate power from Solar Park to 220/400/765 kV Grid Sub-station (GSS).

S. No.	Name of the Solar Park (Agency)	Location (Village/District/State)	Total Capacity of Solar Park/UMREPP (MW)	Date of Approval	Solar Park Completion Date (Actual/Anticipated)	Land Acquisition Status	Current Status
							<ul style="list-style-type: none"> - The MoU/Agreement has been signed between TUSCO Ltd & PGCIL (POWERGRID) on 21.06.2023 for the work of implementation of Internal Power Evacuation System. Tender (NIT) to award the work with respect to internal power evacuation system was floated by PGCIL. L1 bidder for package-1 & package-2 of Internal Power Evacuation System has been finalized as M/s BLUE STAR & M/s TOSHIBA respectively. LOA is to be issued to successful bidder shortly. • <u>External Transmission System:</u> <ul style="list-style-type: none"> - The Land Use MoU/Agreement has been signed between TUSCO Ltd. & UPPTCL on 20.06.2023 for handover of 75 acre of land for Construction of 220/400/765KV Grid Sub-station (GSS) at village-Jalalpura, Distt. Jhansi. The work for the same under GEC-II has been awarded on 22.11.2023 by UPPTCL to M/s KPTL Noida with completion period of 24 months. Levelling & Fencing work of land allotted to GSS has been started and work is under progress. - Grid Connectivity: UPERC has issued amendment to Grid Connectivity Guidelines on 07.02.2024 allowing SPPD as applicant for Grid Connectivity. - However, application through Lead SPD or SPPD shall be considered, only if there is an agreement for sharing Electrical system by SPD(s) and consent of Lead SPD or SPPD for compliance of Grid Code and operational and commercial responsibilities on behalf of all individual Generators/SPDs.
52.	Chitrakoot Solar Park (TUSCO Ltd. - a JV of THDC & UPNEDA)	Tehsil Mau, District Chitrakoot, Uttar Pradesh	800	18.08.2021	31.05.2025	Total 3400 acres of land is required as per reassessment, of which 2970.76	<ul style="list-style-type: none"> • Civil Infrastructure works and fencing work of the Park are expected to commence shortly.

S. No.	Name of the Solar Park (Agency)	Location (Village/ District/ State)	Total Capacity of Solar Park/ UMREPP (MW)	Date of Approval	Solar Park Completion Date (Actual/ Anticipated)	Land Acquisition Status	Current Status
						acres land acquired. (private Land-1721.26 acres and Govt. Land-1249.50 acres)	<ul style="list-style-type: none"> ● DPR: Draft DPR of 800 MW Chitrakoot Solar Power Park has been prepared and is being submitted to MNRE/SECI through UPNEDA. ● External Transmission System: <ul style="list-style-type: none"> - A joint survey was conducted by TUSCO & UPPTCL officials on 02.04.2023 and approx. 79.09 acre of land was identified by TUSCO & UPPTCL team for construction of GSS at village Usri Mafi & Charehra. - TUSCO Board in its meeting (dated 19.12.2023) has accorded approval for handover of 49.42 acres land for GSS to UPPCL.
53.	Solar Park in UP (Lucknow Solar Power Development Corporation Ltd. – LSPDCL - a JV OF SECI & UPNEDA)	Uttar Pradesh	365	02.12.2014	Completed.	Total 2209.65 acres of land is acquired.	<ul style="list-style-type: none"> ● Park infrastructure like Approach Road, Water management and fencing development has been completed. ● 365 MW capacity has been commissioned. ● Internal Transmission System: - Completed. ● External Transmission System:- ● Mirzapur, Allahabad & Dakor: Completed by STU April 2018. ● Parasan: construction of transmission line completed on 13.09.2022. ● Gurah: connectivity Evacuation infrastructure completed in October 2023. ● Gujarai: Construction of evacuation infrastructure completed
54.	Mirzapur Solar Park (Bundelkhand Saur Urja Limited – BSUL – a JV of NHPC & UPNEDA)	Sherwa, District Mirzapur, Uttar Pradesh	100	01.03.2021	31.05.2025	Total 637.31 acres of land has been identified. However, the transfer of Right to Use of Govt. land is required from Govt. of	<ul style="list-style-type: none"> ● Park development activity is yet to start. ● Land transfer is awaited. ● Consent of DISCOM / UPPCL for procuring power from the Solar Park is requested from UPPCL vide letters dated 08.02.2023, 19.04.2023, 02.06.2023, 20.07.2023 & 27.01.2024, Consent of UPPCL is awaited.

S. No.	Name of the Solar Park (Agency)	Location (Village/ District/ State)	Total Capacity of Solar Park/ UMREPP (MW)	Date of Approval	Solar Park Completion Date (Actual/ Anticipated)	Land Acquisition Status	Current Status
						UP/UPNEDA. And same in in the process.	<ul style="list-style-type: none"> • Connectivity confirmation is still awaited from UPPTCL (STU). BSUL also proposed and requested UPNEDA for procurement of power for proposed solar cities in UP. • BSUL is also exploring with 3rd party buyer for power offtake. • Matter is under discussion with NCRTC, as NCRTC expressed willingness to procure power under Captive Mode. A meeting held with NCRTC Officers on 28.07.2023. • DIB Note submitted to MoP on 31.07.2023. Same is forwarded to CEA for examination on 07.08.2023. • CEO, BSUL vide letter dated: 02.11.2023 requested UPNEDA for development of Varanasi Solar City by solarisation through. • Mirzapur Solar Park 100 MW. BSUL vide letter dated: 20.02.2024 & 10.04.2024 requested MNRE for extension of timeline of Mirzapur solar park 100 MW upto 31.12.2024. • <u>Internal Transmission System:-</u> <ul style="list-style-type: none"> - Transmission system shall be developed during implementation of Solar Park. • <u>External Transmission System:-</u> <ul style="list-style-type: none"> - 2 Nos. 132 KV Substation of UPPTCL at Chakia and Ahraura, Mirzapur have been identified for power evacuation. - BSUL vide letter dated: 08.02.2023, 19.04.2023, 02.06.2023, 25.07.2023 & 27.01.2024 requested UPPTCL for providing technical feasibility for evacuation of power from Mirzapur Solar Park 100MW.
55.	Kalpi Solar Park (Bundelkhand Saur Urja Limited – BSUL – a JV of NHPC & UPNEDA)	Parasan, Jalaun, Uttar Pradesh	65	16.09.2021	31.03.2024	Total 322.273 acres of land has been acquired.	<ul style="list-style-type: none"> • Park infrastructure is under development. • Project is being developed by BSUL under EPC mode. • 26 MW capacity has been commissioned on 09.07.2022. • Balance 39 MW capacity was stalled as the Contractor - M/s Svaryu Energy Limited was unable to procure modules for

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							<p>remaining capacity due to levy of BCD. During the meetings in August, 2023, the Contractor has informed for completion of supply of balance modules by 15.12.2023 and commissioning / completion of the project is up to 31.03.2024 as per extension granted by MNRE and CoD issued by UPNEDA on 07.03.2024 on the basis of commissioning report provided by the EPC Contractor.</p> <ul style="list-style-type: none"> • Full Capacity Commissioning took place on 07.03.2024. Work is currently in progress to add DC capacity to achieve the design energy and other minor works are in progress. • <u>Internal and external transmission System</u>: - Completed on 02.07.2022.
		Total:	39785				

(B) STATUS OF THE DEVELOPMENT OF SOLAR PROJECTS IN UMREPP / SOLAR PARKS

S. No.	Name of the Solar Park (Agency)	Location(Village / District/State)	Total Capacity of Solar Park/ UMREPP (MW)	Name of the Solar Project Developers (M/s.)	Project Completion Date	Capacity Under Award / Tendering (MW)	Capacity Awarded (MW)	Capacity Under Construction (MW)	Capacity Commissioned (MW)
1.	Ananthapuramu Ultra Solar Park (Andhra Pradesh Solar Power Corporation Pvt. Ltd. – APSPCL - a JV of NREDCAP, APGENCO and SECI)	Ananthapuramu, Andhra Pradesh	1000	NTPC Ltd.	30.04.2016 -100 MW 30.05.2016 - 50 MW 07.06.2016 - 50 MW 10.08.2016 - 50 MW	0	250	0	250
				Adani Solar Energy AP Seven Pvt. Ltd (formerly, SB Energy Solar Pvt. Ltd.)	11.03.2020 - 250 MW	0	250	0	250
				M/s. Sprng Agnitra Pvt. Ltd.	11.11.2020 - 54 MW 09.01.2021 - 98 MW 20.04.2021 - 76.5 MW 04.06.2021 - 21.5 MW	0	250	0	250
				Ayana Ananthapuramu Solar Pvt. Ltd.	14.10.2020 - 50 MW 21.12.2020 - 100 MW 08.03.2021 - 100 MW	0	250	0	250
			400	Tata Power Renewable Energy Ltd	22.06.2018 - 100 MW	0	100	0	100
				Azure Power Thirty Six Pvt Ltd	05.05.2018 - 50 MW	0	50	0	50
				Athena Karnal Solar Power Pvt. Ltd. (formerly, Acme Karnal Solar Power Pvt. Ltd.)	21.06.2018 - 50 MW	0	50	0	50

S. No.	Name of the Solar Park (Agency)	Location(Village / District/State)	Total Capacity of Solar Park/ UMREPP (MW)	Name of the Solar Project Developers (M/s.)	Project Completion Date	Capacity Under Award / Tendering (MW)	Capacity Awarded (MW)	Capacity Under Construction (MW)	Capacity Commissioned (MW)
				Athena Hisar Solar Power Pvt. Ltd. (formerly, Acme Karnal Solar Power Pvt. Ltd.)	21.06.2018 - 50 MW	0	50	0	50
				Athena Bhiwadi Solar Power Pvt. Ltd. (formerly, Acme Karnal Solar Power Pvt. Ltd.)	05.07.2018 - 50 MW	0	50	0	50
				IndiGrid Solar-I (AP) Pvt. Ltd. (Formerly, FRV Andhra Pradesh Solar Farm-I Pvt. Ltd.)	22.06.2018 - 50 MW	0	50	0	50
				IndiGrid Solar-II (AP) Pvt. Ltd. (formerly, FRV India Solar Park-II Pvt. Ltd)	08.10.2018 - 50 MW	0	50	0	50
2.	Ananthapuramu -II Ultra Mega Solar Park (APSPCL - a JV of NREDCAP, APGENCO & SECI)	Tadipatri Mandal, Andhra Pradesh	500	APGENCO	30.12.2018 -250 MW 12.02.2019 -150 MW	100	400	0	400
3.	Kadapa Ultra Mega Solar Park (APSPCL - a JV of NREDCAP, APGENCO and SECI)	Mylavaram Mandal, Andhra Pradesh	1000	Solairedirect Energy India Private Limited	03.05.2019 - 200 MW 08.02.2019 - 50 MW	0	250	0	250
				SB Energy Seven Private Limited	Execution is stalled.	250	0	0	0
				Sprng Sourya Kiran Vidyut Pvt. Ltd.	Execution is stalled.	250	0	0	0
				Ayana Kadapa Renewable Power Private Limited	Execution is stalled.	250	0	0	0
4.	Kurnool Ultra Mega Solar Park (APSPCL - a JV of NREDCAP, APGENCO and SECI)	Kurnool, Andhra Pradesh	1000	SunEdison Energy India Pvt. Ltd. (Greenko Energy) - 500 MW; SBG Cleantech Project Co. Pvt. Ltd. - 350 MW;	Fully Commissioned in 2017.	0	1000	0	1000

S. No.	Name of the Solar Park (Agency)	Location(Village / District/State)	Total Capacity of Solar Park/ UMREPP (MW)	Name of the Solar Project Developers (M/s.)	Project Completion Date	Capacity Under Award / Tendering (MW)	Capacity Awarded (MW)	Capacity Under Construction (MW)	Capacity Commissioned (MW)
				Azure Power India Ltd. - 100 MW; and, Prayatna Developers Pvt. Ltd. – 50 MW					
5.	Ramagiri Solar Park (SECI)	Ramagiri, Sri Sathyasai, Andhra Pradesh	300	To be finalised.	-----	300	0	0	0
	Andhra Pradesh (Total):		4200			1150	3050	0	3050
6.	Rajnandgaon Solar Park (SECI)	Rajnandgaon, Chhattisgarh	100	TATA Power Solar Systems Ltd.	05.02.2023	0	100	0	100
	Chhattisgarh (Total):		100			0	100	0	100
7.	NTPC REL. Khavda 4750 MW Solar Park (NTPC Renewable Energy Ltd.)	Khavda, Bhuj, Gujarat	4750	Sterling and Wilson Renewable Energy Ltd.	30.09.2024	0	1255	1255	0
				Sterling and Wilson Renewable Energy Ltd.	07.12.2024	0	1200	1200	0
				Sterling and Wilson Renewable Energy Ltd.	11.01.2025	0	300	300	0
				To be finalised.	Not Available.	1995	0	0	0
8.	GSECL RE Park, (GSECL)	Khavda, Bhuj, Gujarat	3325	NHPC Ltd.- 400 MW, SJVN Green Energy LTd. 400 MW, NTPC Renewable Energy LTd. 425 MW & KPI Green Energy Ltd.- 200 MW, NLC India -600 MW SAEL Industries Ltd.- 800 MW Engie Energy Pvt. Ltd.-200 MW JSW Neo Energy Ltd. – 300 MW	1600 MW by May, 2025, and, balance by January, 2026.	0	3325	3325	0
9.	GIPCL RE Park Ph-I (GIPCL)	Rann of Kutch, Khavda, Gujarat	600	GIPCL	01.11.2024	0	600	600	0
10.	GIPCL RE Park Ph-II (GIPCL)	Rann of Kutch, Khavda, Gujarat	1200	SJVNL-500 MW SAEL – 400 MW Coal India Ltd. 300 MW	31.08.2025	0	1200	1200	0

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11.	GIPCL RE Park Ph-III (GIPCL)	Rann of Kutch, Khavda, Gujarat	575	GIPCL	Not Available.	75	500	500	0
12.	Radhnesada Solar Park (GPCL)	Radhanesda, Banaskantha, Gujarat	700	SJVN Green Energy Limited, GIPCL, Tata Power Renewable Energy Limited – 100 MW each, Electro Solaire Pvt. Ltd. & GSECL - 200 MW each	August,2021 (400 MW) March, 2022 (85 MW) Nov.,2022 (15 MW) June,2023 (100 MW) April , 2024- 75 MW Balance 15 MW by May 2024.	0	700	15	675
13.	Dholera Solar Park Ph-I (GPCL)	Dholera/ Mahadevpura, Ahmedabad, Gujarat	1000	Tata Power Renewable Energy Ltd. - 300 MW	March, 2022 (300 MW)	700	300	0	300
	Gujarat (Total):		12150			2770	9380	8405	975
14.	Pekhubela Solar Park	Himachal pradesh	53	To be finalised.	Not Available.	53	0	0	0
	Himachal Pradesh (Total) :		53			53	0	0	0
15.	DVC Floating Solar Park Ph-I (GVREL)	Tilaya Dam, Koderma, Jharkhand, and, Panchet Dam, Dhanbad, Jharkhand (part of project in West Bengal)	755	M/S Sterling and Wilson Renewable Energy Ltd. – 155 MW , M/S Larsen & Toubro Limited-75 MW	Not Available.	525	230	230	0

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16.	DVC Floating Solar Park Ph-II (GVREL)	Maithon Dam, Dhanbad, Jharkhand (part of project in West Bengal)	234	Green Valley Renewable Energy Ltd. (A JV of DVC and NTPC Green Energy Ltd.)	Not Available.	234	0	0	0
17.	SECI Floating Solar Park (SECI)	Getalsud Dam, Jharkhand	100	To be finalised.	Not Available.	100	0	0	0
	Jharkhand (Total):		1089			859	230	230	0
18.	Bidar Solar Park (KREDL)	Bidar , Karnataka	500	To be finalised.	Not Available.	500	0	0	0
19.	Pavagada Solar Park (KSPDCL)	Pavagada , Tumkur, Karnataka	2000	Tata Power - 400 MW, Renew Power - 350 MW, Fortum Solar - 350 MW, Avaada Energy - 300 MW, SB Energy – 200 MW, Adani Green Energy -150 MW, ACME Solar - 100 MW, Azure Power - 100 MW, Rattan India - 50 MW, and, KREDL - 50 MW.	Fully Commissioned in December 2019	0	2000	0	2000
	Karnataka (Total):		2500			500	2000	0	2000
20.	Floating Solar Park (NHPC)	West Kallada, Kerala	50	To be finalised.	Not Available.	50	0	0	0
21.	Kasaragod Solar Park (RPCKL)	Nelliithadam, Kerala	105	THDC – 50 MW , and, Tata Power Solar - 50 MW, M/s MIMS, Kozhikode for captive use- 5 MW	31.10.2023	0	105	5	100
	Kerala (Total):		155			50	105	5	100
22.		Neemuch,	500	TP Saurya Ltd.	30.06.2024	0	160	160	0


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	Neemuch Solar Park (RUMSL)	Madhya Pradesh		TP Saurya Ltd.	30.06.2024	0	170	170	0
				To be finalised.	Not Available.	170	0	0	0
23.	Agar Solar Park (RUMSL)	Agar, Madhya Pradesh	550	Avaada Energy Pvt Ltd.	11.04.2024-200 MW	0	200	0	200
				Beempow Energy Private Ltd.	15.04.2024-350 MW	0	350	0	350
24.	Shajapur Solar Park (RUMSL)	Shajapur, Madhya Pradesh	450	NTPC Renewable Energy Ltd.	30.06.2024	0	105	105	0
				NTPC Renewable Energy Ltd.	30.06.2024	0	220	220	0
				Taletuttayi Solar Projects Nine Pvt Ltd.	31.05.2024	0	125	125	0
25.	Omkareswar Floating Solar Park (RUMSL)	Omkareswar, Madhya Pradesh	600	NHDC Ltd.	31.05.2024	0	88	88	0
				Amp Energy Green Seven Private Limited (Amp Energy Green Pvt Ltd)	31.05.2024	0	100	100	0
				SJVN Ltd	31.05.2024	0	90	90	0
				To be finalised.	Not Available.	322	0	0	0
26.	Chhattarpur Solar Park (RUMSL)	Chhattarpur, Madhya Pradesh	450	To be finalised.	Not Available.	450	0	0	0
27.	Barethi Solar Park (NTPC Renewable Energy Ltd)	Barethi, Madhya Pradesh	630	To be finalised.	Not Available.	630	0	0	0
28.	Rewa Solar Park (RUMSL)	Rewa, Madhya Pradesh	750	Mahindra Renewables Private Ltd., Acme Jaipur Solar Power Private Ltd. & Arinsun Clean Energy Pvt. Ltd. - 250 MW each	Fully Commissioned on 3 rd January 2020.	0	750	0	750
29.	Mandsaur Solar park (RUMSL)	Mandsaur, Madhya Pradesh	250	NTPC Renewable Energy Ltd.	Fully Commissioned in March 2020.	0	250	0	250
30.	Morena Solar Park (Phase I) (RUMSL)	Morena , Madhya Pradesh	600	To be finalised.	Not Available.	600	0	0	0

S. No.	Name of the Solar Park (Agency)	Location(Village / District/State)	Total Capacity of Solar Park/ UMREPP (MW)	Name of the Solar Project Developers (M/s.)	Project Completion Date	Capacity Under Award / Tendering (MW)	Capacity Awarded (MW)	Capacity Under Construction (MW)	Capacity Commissioned (MW)
	Madhya Pradesh (Total):		4780			2172	2608	1058	1550
31.	Sai Guru Solar Park (Sai Guru Mega Solar Park Ltd.)	Sakri, Dhule , Maharashtra	500	To be finalised.	Not Available.	500	0	0	0
32.	Dondaicha Solar Park (MAHAGENCO)	Methi & Vikharan, Dhule, Maharashtra	250	TP Saurya Ltd.	Not Available.	0	250	250 (Presently stalled)	0
33.	Patoda Solar Park Maharashtra (M/s Paramount Solar Pvt Ltd)	Maharashtra	250	To be finalised.	Not Available.	250	0	0	0
34.	105 MW Erai Floating Solar Park (MAHAGENCO)	Maharashtra	100	To be finalised.	Not Available.	100	0	0	0
	Maharashtra (Total):		1100			850	250	250	0
35.	Vankal Solar Park, (Power & Electricity Department, Mizoram)	Vankal, Khawzawl, Mizoram	20	Meghalaya Power Generation Corporation Ltd (MePGCL)	25.04. 2023	0	20	0	20
	Mizoram (Total):		20			0	20	0	20
36.	Rengali Floating Solar Park Ph-I (JV OF NHPC & GEDCOL)-100 MW	Rengali Resrvoir, Angul , Odisha	100	JV OF NHPC & GEDCOL	Not Available.	100	0	0	0
37.	Rengali Floating Solar Park Ph-II (JV OF NHPC & GEDCOL) – 200 MW	Rengali Resrvoir, Angul , Odisha	200	JV OF NHPC & GEDCOL	Not Available.	200	0	0	0
38.	Odisha Solar Park (NHPC)	Landehill, Ganjam, Odisha	40	NHPC	31.03.2025	40	0	0	0
	Odisha (Total):		340			340	0	0	0

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39.	Phalodi - Pokaran Solar Park (ESUCRL)	Phalodi (400 MW) & Pokaran (350 MW), Rajasthan	750	Adani Solar Energy RJ Two Pvt. Ltd. (300 MW)-Pokaran	30.06.2024	0	300	300	0
				Adani Solar Energy RJ one Pvt. Ltd. (300 MW)- Phalodi	08.06.2021	0	300	0	300
				M/s SB Energy Six Pvt. Ltd.	31.05.2024	0	150	150	0
40.	Nokh Solar Park (RSDCL)	Jaisalmer, Rajasthan	925	NTPC Renewable Energy Ltd.	30.09.2024	0	735	735	0
				Rising Sun	03.04.2024-190 MW	0	190	0	190
41.	Pugal Solar Park Ph-I (RSDCL)	Pugal , Rajasthan	1000	To be finalised.	Not Available.	1000	0	0	0
42.	Pugal Solar Park Ph-II (RSDCL)	Pugal , Rajasthan	1000	To be finalised.	Not Available.	1000	0	0	0
43.	RVUN Solar Park (RRVUNL)	Village Ramsar Chhota, Barala & Bandrewala, Tehsil Pugal, Bikaner, Rajasthan	2000	810 MW – M/s NLC India Limited selected through TBCB. 1190 MW – MoU signed with Coal India Limited for installation of Solar Project, Modalities under process.	31.03.2026	2000	0	0	0
44.	Bhadla-II Solar Park (RSDCL)	Bhadla, Jodhpur, Rajasthan	680	NTPC Renewable Energy Ltd. - 260 MW, Rising Sun & Solaire Saurya -140 MW each, Yarrow & Fortum - 70 MW each	30.11.2017	0	680	0	680
45.	Bhadla -III Solar Park (SUCRL)	Bhadla, Jodhpur Rajasthan	1000	ACME- 200 MW, and, SB Energy -300 MW	30.09.2018	0	1000	0	1000
				Clean Solar-300 MW, and, SB Energy- 200 MW	28.02.2020				
46.	Bhadla -IV Solar Park (AREPRL)	Bhadla, Jodhpur Rajasthan	500	SB Energy & Clean Sustainable - 100 MW each, and, Phelan Solar- 50 MW	30.11.2018	0	500	0	500

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				Azure Power India- 200 MW, and, Renew Solar- 50 MW	27.07.2019				
47.	Fatehgarh Phase -1B Solar Park (AREPRL)	Fatehgarh Jaisalmer, Rajasthan	421	Adani Hybrid Energy Jaisalmer Four Ltd. – 700 MW	01.10.2022	0	421	0	421
48.	Bodana Solar Park, Rajasthan (TREDCO Rajasthan Ltd.)	Bodana, Jaisalmer, Rajasthan	1292	To be finalised.	Not Available.	1292	0	0	0
	Rajasthan (Total):		9568			5292	4276	1185	3091
49.	Jalaun Solar Park (BSUL)	Jalaun, Uttar Pradesh	1200	To be finalised.	Not Available.	1200	0	0	0
50.	Lalitpur Solar Park (TUSCO)	Tehsil Talbehat, District Lalitpur, Uttar Pradesh	600	To be finalised.	30.06.2026 (Anticipated)	600	0	0	0
51.	Jhansi Solar Park (TUSCO)	Tehsil Garautha, District Jhansi, Uttar Pradesh	600	To be finalised.	31.12.2025 (Anticipated)	600	0	0	0
52.	Chitrakoot Solar Park (TUSCO)	Tehsil Mau, District Chitrakoot, Uttar Pradesh	800	To be finalised.	30.06.2026 (Anticipated)	800	0	0	0
53.	Solar Park in UP (LSPDCL)	Uttar Pradesh	365	Mirzapur: 75 MW (M/s Enviro Solaire Direct) Allahabad: 50 MW (M/s Rattan India2 Solar Ltd) Dakore (Jalaun): 40 MW (M/s Azure Power Venus Pvt Ltd) Gurah (Jalaun): 75 MW (SJVN Ltd) Gujrai (Kanpur Dehat): 50 MW (SJVN Ltd) Parasan (Jalaun): 75 MW (SJVN Ltd)	Not Available.	12.03.2018-75 08.02.2018-50 15.08.2018-40 29.12.2023-75 MW 22.02.2024-50 MW 22.11.2022-75 MW	365	0	365

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54.	Mirzapur Solar Park (BSUL)	Sherwa, Mirzapur, Uttar Pradesh	100	To be finalised.	Not Available.	100	0	0	0
55.	Kalpi Solar Park (BSUL)	Parasan,Jalaun, Uttar Pradesh	65	Svaryu Energy Limited	07.03.2024	0	65	0	65
	Uttar Pradesh (Total):		3730			3300	430	0	430
	ALL INDIA (Total):		39785			17336	22449	11133	11316

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