

COMBINED SUMMARY OF STATE POLICIES FOR SOLAR POWER

Sl. No.	Name of State/ Description	Andhra Pradesh		Chhattisgarh	Delhi
1.	Order Date	Policy on Net Metering for Solar Grid Interactive Roof-Top and Small SPV Power Plants in the State vide G.O. MS.No. 22 dated 25-03-2013	Andhra Pradesh Solar Power Policy – 2015, vide order no. G.O. MS. No. 8 Dated 12-02-2015	Chhattisgarh Solar Energy Policy 2012, issued by CREDA, Dept. of Energy Government of Chhattisgarh during 2012	DRAFT Delhi Solar Energy Policy, 2015 Dated 10th September, 2015
2.	Land Allotment		<ul style="list-style-type: none"> Developer to acquire land Revenue Department, land as per prevalent Government policy 	<ul style="list-style-type: none"> Developer to acquire land for the project Government land as per the prevailing state policy. 	
3.	Operative Period		<ul style="list-style-type: none"> Policy to come into operation w.e.f the date of issuance and remain applicable for 5 years/ till new policy is issued. 	To come into effect from the date of issuance and remain in operation up to 31st March 2017.	Policy to come into effect on 1st October 2015 and remain valid for next five years unless modified or superseded by other policy
4.	Sale of Power and Tariff		<ul style="list-style-type: none"> Government to promote setting up SPP for sale of power to AP DISCOM's and for captive use within the state or third party sale within and outside the state. 	DISCOM(S) to fulfill meeting RPOs through tariff based competitive bidding process.	SPP may sell electricity to persons other than DISCOM /Licensee
5.	Wheeling		T&D Charges exempted for wheeling of solar power for captive use/third party sale within the state	Wheeling charges as per CSERC regulations.	
6.	Banking		<ul style="list-style-type: none"> 100% permitted for all captive and open access/ scheduled consumers throughout the year Banking charges to be adjusted in kind @ 2% of the energy delivered at the point of drawl. 	Allowed at mutually agreed terms	
7.	Power Evacuation and Grid Interfacing		<ul style="list-style-type: none"> Developer to bear the entire cost of construction of evacuation facilities from project to Interconnection point of and/ or upto AP Transco /Discom sub-station. Any upstream strengthening requirement to be borne by APTransco /Discoms 	Evacuation line from interconnection point to grid substation to be laid by the CG TRANSCO or DISCOM at the cost of the project developer.	Evacuation infrastructure to be developed/augmented by the State Transmission Licensee /DISCOM.

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8.	Incentives	Subsidy offered by Government of India in this regard can be availed	<ul style="list-style-type: none"> • T&D Charges exempted for wheeling of solar power for captive use/third party sale within the state. • Distribution loss exempted for projects injecting at 33 kV or below • Electricity Duty exempted for captive consumption, sale to Discoms and third party sale from SPPs set up within the state • Cross Subsidy Surcharge Exempted for third party sale from solar projects set up within the State for 5years from the date of commissioning of SPP • Priority allotment of Government land in solar parks for New Solar Manufacturing Facilities on long term lease basis and exemption from electricity duty for 10 years 	The state industrial policy 2009-14 has recognized non conventional sources of power generations as a priority industry	<ul style="list-style-type: none"> • Exemption from the payment of Electricity Tax and Cess • Exemption on open access charges • Exemption on conversion charges • Exemption on wheeling and banking charges • Exemption from payment of Cross subsidy charges • No Transmission Charges • Exemption on VAT and entry tax • GBI for domestic / residential net metered connections of Rs.2.00 per unit of gross solar energy generated, proposed for 3 years, starting from 1st January 2016 to 31st December 2018.

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Sl. No.	Name of State	Gujarat		Haryana	Himachal Pradesh
1.	Order Date	'Gujarat Solar Power Policy-2015'. Govt. of Gujarat, Energy & Petrochemical Department, GR No. SLR-11 – 2015; dated 13th August 2015	Gujarat Subsidy Scheme for Residential Rooftop dated 31.3. 2016 Govt. of Gujarat, Energy & Petrochemical Department, GR No. SLR-11 – 2015/401B- dated 31.3. 2016	Haryana Solar Power Policy, 2016 - Notification dated 14th March, 2016	Himachal Pradesh Solar Power Policy-2016
2.	Land Allotment	Developer to acquire land for setting up and operating solar power project;		<ul style="list-style-type: none"> • Rooftop of Government organization, institutions, buildings or vacant land on lease/rent • State Govt. to facilitate the lease/sub-lease of Panchayat land 	<ul style="list-style-type: none"> • Transfer of Private/ Government land on lease basis. • Transfer of Private land on lease to require prior approval of State Government
3.	Operative Period	Policy to come into effect from date of its notification and remain in operation up to 31st March 2020	Rooftop Solar Power Generators set up and commissioned during the operative period of Solar Power Policy-2015 and prior to that also eligible for the benefit of the scheme, provided they satisfy other parameters of the scheme and Solar Power Policy-2015	To come into effect from date of its notification and remain in force till a new Policy is notified	Policy to be valid up to 31.03.2022, unless modified or extended
4.	Sale of Power and Tariff	Different tariff for different categories of consumers		HPPC to purchase power from various type of projects as detailed in the policy	<ul style="list-style-type: none"> • SPP may use power for captive consumption, sale to any consumer within the State, trader or exchange or entity or consumer outside the State & to HPSEBL • Tariff for purchase by HPSEBL up to 5 MW and roof top installations as per HPERC Regulations • Tariff for above 5 MW capacities through competitive bidding.
5	Wheeling	Different wheeling charges for different categories		Exemption/waiver of Wheeling Charges	

Sl. No.	Name of State	Gujarat		Haryana	Himachal Pradesh
6	Banking			Banking allowed for a period of one year by the Licensee/ Utilities	
7	Power Evacuation and Grid Interfacing	Grid Connectivity charges to be paid to DISCOM @ Rs. 5,000/- per project for capacity less than 100 kW and normal charges of 100 kW and above Within Solar Park Developer to establish dedicated line for evacuation of power up to STU/ CTU sub-station and install RTUs etc. at their own cost.		<ul style="list-style-type: none"> All expenses for power evacuation, T&D line and synchronizing equipment to be as per HERC orders STU/Transmission/Distribution Licensee to bear cost of EHV/ HV up to 10 km from the inter-connection point, beyond 10 km, cost to be borne equally between IPP and the licensee. 	SPPs to use network of HPPTCL and HPSEBL as per HPERC Open Access and Connectivity Regulations
8.	Incentives	<ul style="list-style-type: none"> Exempted from payment of electricity duty for sale through all modes / self consumption / sale to third party/sale to licensee. Cross subsidy surcharge exempted for SPV projects under Net-Metering & sale of power to Discoms and for captive consumption. 	<ul style="list-style-type: none"> Maximum subsidy limited to Rs.20000/- per Household consumer Rooftop Projects only. Benefit would be in addition to any benefits that the applicant might get from the Central Government. Applicant not allowed to get any other benefit from any other scheme of the State Government for the same investment, 	<ul style="list-style-type: none"> Incentives available to industrial units to be available to all new SPPs Price preference to IPPs who set up SPPs in the State SPPs to be exempted from EDC, scrutiny fee and infrastructure development charges MW scale Projects to get 100% exemption from payment of fee and stamp duty charges for registration of rent/lease deed for the project land All electricity taxes & cess, electricity duty, wheeling charges, cross subsidy charges, T&D charges and surcharges to be waived off for Ground mounted and Roof Top Solar Power Projects 	<ul style="list-style-type: none"> 70% employments to bonafide residents of H.P. 1% of total project cost to Local Area Development Fund Investment in the SPPs to be treated like investment in industrial project State Govt, to facilitate in obtaining statutory clearances No Environment clearances, survey and investigations, TECs etc. required

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Sl. No.	Name of State/ Description	Jammu and Kashmir	Jharkhand	Karnataka
1.	Order Date	Solar Power Policy 2013, No.47 ST of 2013 dt.18/03/2013	Jharkhand State Solar Policy, 2015, dated 10-8-2015	<ul style="list-style-type: none"> • Karnataka Solar Policy 2014-2021 • Amendmen No. EN 21 VSC 2014 dated 22-05-2014
2.	Land Allotment	<ul style="list-style-type: none"> • Government land on lease at premium /rentals. • Private land on lease at token rate 	<ul style="list-style-type: none"> • Developer to acquire land • Govt. land for SPPs on tariff bidding basis. • 100% waiver on land use conversion fee • 100% exemption for registration of Govt. and private land 	Purchase of agricultural land on payment of specified fees.
3.	Operative Period	With effect from publication in the State Gazette and to remain in force until superseded or modified	Policy to come into operation with effect from the date of notification and remain applicable till a new policy is issued.	Policy to come into effect from 2014 and remain in force until 2021 or such time any changes are made by the State Government.
4.	Sale of Power and Tariff	<ul style="list-style-type: none"> • Can be used for captive use or sold to PDD or any third party in or outside state. • For sale to PDD, Tariff as per JK SERC. • J&K Licensees are mandated to purchase solar power specified by JKSERC. 	<p>Projects for sale of electricity to the Distribution Licensee.</p> <p>- As decided by JSERC.</p> <p>Projects for Sale of Electricity to other than Licensee /under REC/Schemes of Government of India:</p> <p>- As per PPA</p>	Distributed generation by land owning farmers with 1 MWp up to 3 MWp per farmer to sell power to ESCOMs at KERC tariff rates.
5.	Wheeling	Transmission/Wheeling charges as per J&K SERC for sale of Power within or outside the state.	<ul style="list-style-type: none"> • As specified by JSERC • State Govt. to provide a grant of 4% of wheeling charges 	Wheeling charges as per KERC
6.	Banking	Banking for captive use or/and for third party sale shall be provided for 2 months.	<ul style="list-style-type: none"> • 100% banking for Captive and Open Access / Schedules Consumers • Banking charges to be adjusted in kind @ 2% 	Banking and cross subsidy charges as per KERC
7.	Power Evacuation and Grid Interfacing	Developer to be responsible for developing necessary infrastructure up to inter connection /interface point.	Transco/Discom to bear entire cost of construction of power evacuation facilities up to 10 km. Beyond 10 km, cost to be borne by the developer.	Developer to be responsible for connecting the generating station to the nearest grid sub-station or inter-connection point with the grid.

Sl. No.	Name of State/ Description	Jammu and Kashmir	Jharkhand	Karnataka
8.	Incentives	<ul style="list-style-type: none"> SPPs to be eligible for the incentives declared under this policy for 25 years No entry tax on Power generation/ transmission equipment and building material used for SPPs.. Exemption from court fee for registration Exemption from demand cut of 50% of installed. 	<ul style="list-style-type: none"> SPP to be treated as industry Intra-state Open Access for tenure of the project or 25 years whichever is earlier Equipment exempted from VAT, Electricity duty, Cross Subsidy Surcharge. Exempted for Distribution Losses for projects injecting at 33 kV or below 	<ul style="list-style-type: none"> Entry tax, stamp duty and registration charges as per Karnataka Industrial Policy. SPPs exempted from obtaining clearances of pollution control board. Incentives/concessions allowed by MNRE viz. Central Excise Duty and Custom Duty exemption to be allowed to the Producer.

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Sl. No.	Name of State and Developer	Kerala	Madhya Pradesh	Manipur
1.	Order Date	Kerala Solar Energy Policy 2013 - G.O(P) No. 49/2013/PD Dated-Thiruvananthapuram, 25/11/2013	Implementation of Solar Power Based Projects in MP dated 20-7-2012	Manipur Grid Interactive Rooftop Solar Photo Voltaic (SPV) Power Policy 2014 vide Notification No. 9/9/2014-S&T (MANIREDA) dated 9 th Dec, 2014
2.	Land Allotment	<ul style="list-style-type: none"> • Developer to identify the land for project. • For tribal lands, in addition to the lease rentals, a revenue (not profit) sharing mechanism for the land owner is envisaged. 	<ul style="list-style-type: none"> • Govt. land if available to be 3.0 Hectares per MW. • Private land exempted from 50% of stamp duty. 	
3.	Operative Period	Policy to come into operation with effect from the date of publication and remain in force until superseded or modified by another Policy.	From the date of notification in Madhya Pradesh Gazette. Notified in Gazette in Hindi vide notification dated 20th July, 2012	To come into force from the date of publication in the Manipur Gazette
4.	Sale of Power and Tariff	<ul style="list-style-type: none"> • Sale of power to KSEB at tariff decided by KSERC or at pooled cost. • KSERC to annually notify Pooled Cost of Power Purchase of the utility as applicable to solar power sector. 	<ul style="list-style-type: none"> • Power generated to be purchased at APPC rates. • Third party sale allowed within / outside the state as per orders / regulations of MPERC. 	Tariff to be decided by JERC
5.	Wheeling	Wheeling and T&D losses not applicable for the Captive Solar generators within the state.	<ul style="list-style-type: none"> • Wheeling through MP Power Transmission Co. Ltd./ MP Discoms as per wheeling charges decided by MPERC • MP Govt. to provide 4% grant in terms of energy injected and balance to be borne by the developer for wheeling. • Developer to pay all wheeling and transmission charges to MPPTCL/ Distribution Co., in case of sale of power to third party Consumers / Licensee/Power Management Co. Ltd. utilizing their network. Payment subject to MPERC regulations. 	
6.	Banking	Conditional Banking facility available to captive generators.	<ul style="list-style-type: none"> • Allowed 100% • Developer to pay 2% towards banking charges 	

Sl. No.	Name of State and Developer	Kerala	Madhya Pradesh	Manipur
7.	Power Evacuation and Grid Interfacing	<ul style="list-style-type: none"> Utility to provide grid connectivity at a processing fee. KSEB to create necessary evacuation facility beyond the pooling station upto 10MW projects. 	Developer to lay power evacuation line from generating station to the nearest substation or interconnection point	Power from SPV projects to be utilized for captive loads during the day and excess power fed into the Grid
8.	Incentives	<ul style="list-style-type: none"> Open access Charges not applicable. Electricity Duty - exempted 	<ul style="list-style-type: none"> SPPs exempted from electricity duty and cess for 10 years from COD. Projects eligible for benefits under industrial promotion policy. Equipment exempted from VAT and entry TAX. No license required for Generation and Distribution in rural area 	Rate and amount of applicable subsidy to be as per MNRE, GoI.

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Sl. No.	Name of State	Odisha	Puducherry	Punjab
1.	Order Date	Odisha Solar Power Policy – 2013, Draft-Resolution	Puducherry Solar Power Policy, 2015 dated 19th February 2016	Policy on Net Metering for Grid Interactive Roof-Top Solar Photo Voltaic Power Plants vide Notification No. 18/7/2014-PE1/3706 dated 5 th Nov, 2014
2.	Land Allotment	<ul style="list-style-type: none"> • Government land wherever applicable • Waste land to be sold to selected developers for setting up SPPs • OREDA land on 30 years' lease basis at predetermined lease rent 	Surplus and unused land with Public Sector Undertakings, UT Government, Urban and Local Bodies and Gram Panchayats available to private sector through long-term lease, etc.	
3.	Operative Period	Policy to come in to operation w.e.f. date of resolution and supersede the policy guidelines for power generation from non conventional energy sources -2005 with respect to the content related to solar power generation.	Policy to come in force from the date of notification and reviewed every five years	From date of Notification in the official gazette till Govt. issues New Policy and shall remain applicable unless repealed or substituted with new Policy
4.	Sale of Power and Tariff	<ul style="list-style-type: none"> • Power sale to Bulk Suppliers/ Licensees on the basis of PPA. • Developers may sell power to GRIDCO / Discoms or to any third party within the state at mutually agreed tariff rates • Power purchase by GRIDCO / Discoms at average pooled power cost determined by OERC 	<ul style="list-style-type: none"> • Energy generated to be purchased by EDP/other distribution licensee at feed-in tariffs fixed by JERC • Energy may also be sold to another distribution licensee/ third party under open access mechanism 	All Rules and regulations including tariff to be governed by the orders of PSERC.
5.	Wheeling	T&D and wheeling charges as approved by OERC	As per JERC Regulations	Exempted from banking and wheeling charges and losses, cross subsidy and additional surcharge etc.
6.	Banking	<ul style="list-style-type: none"> • Banking allowed on Annual basis . • Banking charges as per OERC. 	As per JERC Regulations	Exempted from banking and wheeling charges and losses, cross subsidy and additional surcharge etc.
7.	Power Evacuation and Grid Interfacing	Solar Power producers to pay Grid connectivity charges as finalized by OREDA to DISCOMS/ GRIDCO as applicable	EDP/licensee to undertake augmentation of T&D lines, cables and other infrastructure as required.	Solar PV rooftop systems allowed in house auto synchronization or de synchronization facility with distribution system of the licensee.

Sl. No.	Name of State	Odisha	Puducherry	Punjab
8.	Incentives	Power generating plant set up after the effective date shall be deemed to be a new industrial unit and not liable to pay Electricity duty.	<ul style="list-style-type: none"> Solar energy equipments exempted from VAT for a period of five years Solar energy exempted from grid connectivity, open access, wheeling, banking, and cross-subsidy charges Incentives provided by MNRE Generation of electricity from solar sources with gross solar energy feed-in and metering to be treated as an industry 	<ul style="list-style-type: none"> Consumers may approach PEDA for grant of applicable MNRE grant SPP eligible for fiscal and other incentives as per NRSE Policy 2012.

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Sl. No.	Name of State	Rajasthan	Tamil Nadu	Telangana
1.	Order Date	Rajasthan Solar Energy Policy 2014	Tamil Nadu Solar Energy Policy 2012 - Approved by Govt. of Tamil Nadu vide no. GO(Ms)No.121/ Energy(C2) dt. 19-10-2012	Telangana Solar Power Policy 2015
2.	Land Allotment	<ul style="list-style-type: none"> • Government land to be allotted to Solar Park Developer/SPPs on cash security deposit of Rs 5.00 lac per MW to be refunded on execution of lease deed • Solar Park Developer empowered to sub-lease the land • No security deposit for projects sanctioned under NSM/competitive bidding process 	Solar Parks with a capacity of about 50 MW each to be targeted in 24 districts.	Developer to acquire land No ceiling limit for land acquisition for SPPs and Solar Parks. Land requirement to be computed @ 5 acres/ MW
3.	Operative Period	Policy to come in to operation with effect from 8.10.2014 and will remain in force until superseded or modified by another Policy.		Policy to come into operation with effect from the date of issue and remain applicable for 5 years
4.	Sale of Power and Tariff	For sale of power to Discoms of Rajasthan/ other parties/ plants under REC mechanism, third party sale to be through PPA mode.		Tariff as per SERC
5.	Wheeling	Wheeling of power through agreement with Discoms of Rajasthan	Allowed	Wheeling and transmission charges exempted for captive use within the state but applicable for third party sale
6.	Banking	As per the RERC regulations	Banking charges for wheeling of power for captive use/third party sale within the State to be as per the orders of the TNERC.	<ul style="list-style-type: none"> • 100% permitted for all captive and open access/ scheduled consumers • Banking charges to be adjusted in kind @ 2% of the energy delivered
7.	Power Evacuation and Grid Interfacing	<ul style="list-style-type: none"> • RVPN/Discoms to develop T&D network to evacuate power for minimum capacity of 5 MW at 33 kV. • For capacity less than 5 MW, developer to bear the cost of line bay instead of grid connectivity charges • Producer to pay grid connectivity charges as finalized by RERC 	Projects to evacuate power at suggested voltages depending on the solar plant capacity	Evacuation facilities up to the interconnection point to be provided by the developer at his own cost

Sl. No.	Name of State	Rajasthan	Tamil Nadu	Telangana
8.	Incentives	<ul style="list-style-type: none"> • Generation from SPP to be treated as eligible industry • Allocation of water, on availability, for power generation. • Solar Power plant of all capacities notified under Green Category • Open access allowed on payment 	<ul style="list-style-type: none"> • Tax incentives as per Tamil Nadu Industrial Policy • SPPs eligible to avail Clean Development Mechanism (CDM) benefits • Exemption from payment of electricity tax on 100% of electricity generated for self consumption/sale to utility for 5 years. • Single window clearance in 30 days 	<ul style="list-style-type: none"> • Single window clearance for SPPs • Electricity duty exempted for captive consumption, sale to Discoms /third party • Electricity duty waiver for the new manufacturing facilities and ancillaries • 100 % exemption on cross subsidy surcharge on sale of power to third parties within the state, • 100% refund of VAT/SGST for all inputs for SPP for 5 years • 100% refund of Stamp Duty for land

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Sl. No.	Name of State	Uttar Pradesh		Uttarakhand
1.	Order Date	Solar Power Policy, Uttar Pradesh, 2013	Uttar Pradesh Rooftop Solar Photovoltaic Power Plants Policy, 2014	Solar Energy Policy of Uttarakhand 2013 Dated, 27.6.2013 and Amendment No. 1050/1/2015-5/14/2009 Dated 1.10.2015
2.	Land Allotment	<ul style="list-style-type: none"> • Nodal Agency to facilitate allotment of Government land • Developer to procure land for Grid connected solar power projects 	25% of the available plinth area of offices of the government organizations/State government owned / aided institutions	<ul style="list-style-type: none"> • Govt. land, if available, be provided for long term lease for 30 yrs. and to be 2.5 Hectare per MW. • Purchase of private land exempted 50% on stamp duty
3.	Operative Period	To come into effect from the date of issue and remain in operation till 31 st March 2017.	To come into effect from the date of issuance and remain valid till March 2017 until superseded or modified whichever is earlier.	Policy to come into effect from date of issuance.
4.	Sale of Power and Tariff	<ul style="list-style-type: none"> • Developers may sell power to distribution utility of UPPCL/ third party/use for captive purpose. • Developers selling power to a distribution utility have to participate in competitive bidding 		<ul style="list-style-type: none"> • Tariff based on competitive bidding process with rate not more than as specified by UERC. • For third party sale, captive use, SPPs under REC mechanism, as per PPA.
5.	Wheeling	Wheeling charges, losses etc to be borne by the developer		Wheeling charges as per UERC
6.	Banking			Allowed
7.	Power Evacuation and Grid Interfacing	Developer responsible for connectivity with the transmission system of Discom/STU at its own cost	<ul style="list-style-type: none"> • Grid connectivity to be as per Uttar Pradesh Electricity Regulatory Commission • Evacuation Voltage to be as per SPP capacity 	Power evacuation and grid interfacing arrangement to be as per regulation /procedures defined by CERC or UERC
8.	Incentives	<ul style="list-style-type: none"> • Special incentive on case to case basis for solar farms having investment over Rs.500 crores. • Incentives under the Uttar Pradesh State Industrial Policy, 2012 • Cost of construction of transmission line and substation in the Bundelkhand region, to be borne by the State Government. • Nodal agency to act as Single Window Clearance 	<ul style="list-style-type: none"> • Government of India subsidy, if available 	<ul style="list-style-type: none"> • Exemption from conversion rate for use of agriculture land for SPP • Cross Subsidy Surcharge not applicable for Open Access for third party sale within the state • Solar equipments, exempted from entry tax and VAT. • Financial/infrastructural support of Govt. of India, If any, for pollution free green technologies, shall be admissible