

Compilation of settlement rates for renewable energy and other important provisions in RE regulations in various states in India

Settlement Rates under various billing system in different States			
State	Net Metering	Net Billing	Gross Metering
Kerala	At Average Pooled Power Purchase Cost Rate (Rs 3.15/ unit for FY 2023-24)	NA	NA
Tamil Nadu	No payment for any excess unadjusted electricity at the end of settlement period	Feed in tariff Rs.3.61 (0-10kW), Rs.3.37 (11-150kW), Rs.3.10 (>150 kW)	Feed in tariff Rs.3.61 (0-10kW), Rs.3.37 (11-150kW), Rs.3.10 (>150 kW)
Maharashtra	Latest tariff rate discovered for Grid Scale Solar project as generic tariff for surplus energy from Rooftop PV projects and is Rs. 2.90/kWh for FY 2024-25	Latest tariff rate discovered for Grid Scale Solar project as generic tariff procurement of surplus energy from Rooftop PV projects and is Rs. 2.90/kWh for FY 2024-25	APPC Rate @ 4.88/kWh for FY 2024-25
Gujarat	RESIDENTIAL, GOVERNMENT and MSME enterprises: Self-owned and third-party sale: - 2.25 Rs/unit for the first 5 years. 75% of simple average tariff discovered for non-park based solar projects in preceding 6months period (April - Sep, or oct - march) from CoD in competitive bidding. For other consumers: - At 75% of the simple average of tariff discovered and contracted through competitive bidding process conducted by GUVNL for non-park based solar projects in the preceding six months period.		At the rate determined by the Commission as per decision of the Commission in Petition No. 1802/2019 (Rs 2.62/ kWh to 2.66 kWh + Rs 0.20).
Rajasthan	Weighted average tariff of large-scale solar projects of 5 MW and more, discovered through Competitive Bidding in last Financial Year, for entire duration of the project (₹2.87–₹3.00/kWh for the year 2024)	Weighted average tariff discovered through Competitive Bidding for respective technology in previous Financial Year and adopted by the Commission, plus an incentive of 25%, for entire duration of the project (₹2.87–₹3.00/kWh for the year 2024)	
Uttar Pradesh	At Rs 2/ kWh for the unadjusted electricity credits at the end of settlement period	Weighted average tariff of large-scale solar projects of 5 MW and more, discovered through Competitive Bidding in last Financial Year, for entire duration of the project plus 25% incentive (Rs 2.98 per unit +25% incentive - March, 2024 rate)	Weighted average tariff of large-scale solar projects of 5 MW and more, discovered through Competitive Bidding in last Financial Year, for entire duration of the project plus 25% incentive (Rs 2.98 per unit +25% incentive - March, 2024 rate)
Haryana	Unadjusted units shall lapse at the end of the settlement period and shall not be paid for by the distribution licensee		Rs. 3.11/- per unit for five years without any escalation
Bihar	Excess energy lapse at end of settlement period		Feed-in Tariff at Rs 3.11 per unit (Rate discovered in 2022 and is still continuing)
Delhi	Rate for FY 2020-21 at Rs 2.79/ unit for BSES (true up order- latest published)		

Madhya Pradesh	Any excess energy unadjusted net credited units of electricity shall be payable by the discom at the lowest tariff rate discovered by solar/wind bidding in MP in the preceding FY. (Rs 2.14 per kWh)		At the lowest tariff rate discovered by solar/wind bidding in MP in the preceding FY, for the energy injected by the prosumer. (Rs 2.14 per kWh)
Assam	APPC rate (Rs 5.33 kWh. For FY 2024-25)		APPC rate (Rs 5.33 kWh. For FY 2024-25)
West Bengal	At Rs. 2.09/unit	At Rs. 2.09/unit	Feed in Tariff at Rs. 3.13/unit (LT), Rs. 2.92/unit (HT of max 1.5MW plant capacity), Rs. 2.71/unit during off peak hours and Rs. 4.17/unit during peak hours (HT/EHT of max 5MW)
Tripura	<p>1) If energy export exceeds consumption, the DISCOM will pay for the excess monthly at the Feed-in Tariff.</p> <p>2) For domestic consumers, if injected electricity exceeds consumption by more than 100 units, the DISCOM will pay quarterly, capped at 3.8 units per kW of installed capacity per day.</p> <p>3) Net energy credits under 100 units will carry over to the next billing period.</p> <p>4) For non-domestic consumers, the 3.8 units per kW cap per day also applies, and any surplus at the end of the billing period will lapse without payment.</p> <p>5) The feed-in tariff will be 35% of the average cost of supply of the financial year as determined by the commission for SRTPVS commissioned under net metering.</p>		<p>1) For gross metering in LT supply, the feed-in tariff will be 35% of the average cost of supply for SRTPVS systems.</p> <p>2) For gross metering in HT supply (up to 1500 kWp capacity), the feed-in tariff will be 50% of the average cost of supply for SRTPVS systems.</p> <p>3) For gross metering in HT/EHT supply (1501 kWp to 5000 kWp), the feed-in tariff will be 50% of the average cost of supply for SRTPVS systems.</p> <p>4) For gross metering in HT/EHT supply with battery storage, the feed-in tariff will be 80% of the average cost of supply if power is supplied during the evening peak (18:00 to 22:00) as per DISCOM requirements.</p>
Himachal Pradesh	<p>1. For consumers approved or who opt for solar metering arrangements on or after 01-09-2022 for both net-metering and net-billing:</p> <p>a) If subsidy/grant/incentive is less than 50% of capital cost: 40% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹1.402/kWh</p> <p>b) If subsidy/grant/incentive is 50% or more but less than 70% of capital cost: 30% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹1.051/kWh</p> <p>c) If subsidy/grant/incentive is 70% or more but less than 90% of capital cost: 25% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹0.876/kWh</p> <p>d) If subsidy/grant/incentive is 90% or more of capital cost: 15% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹0.526/kWh</p>		<p>For consumers approved or who opt for solar metering arrangements on or after 01-09-2022 for gross metering:</p> <p>a) If subsidy/grant/incentive is less than 50% of capital cost: 40% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹1.402/kWh</p> <p>b) If subsidy/grant/incentive is 50% or more but less than 70% of capital cost: 30% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹1.051/kWh</p> <p>c) If subsidy/grant/incentive is 70% or more but less than 90% of capital cost: 25% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹0.876/kWh</p> <p>d) If subsidy/grant/incentive is 90% or more of capital cost: 15% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹0.526/kWh</p>
Punjab	<p>1) The electricity generated from a rooftop solar system shall not exceed 90% of the consumer's total electricity consumption during a settlement period. If generation exceeds 90%, the excess will not be paid for by the distribution licensee, cannot be carried forward to the next settlement period, and will be treated as inadvertent injection.</p>	<p>1) Feed-in-tariff of Rs.2.65/kWh for FY 2023-24</p> <p>2) In case (ERE x TRE) is more than {Fixed charges + other applicable charges and levies + (EDL x TRST)}, utility shall give credit of amount equal to difference (Billing Credit), which shall be carried forward to the next billing cycle.</p> <p>3) Billing credits will be carried forward to the next billing cycle throughout the settlement period. However, any remaining billing credits at the end of</p>	Feed-in-tariff of Rs.2.65/kWh for FY 2023-24

		the settlement period will not be paid by the distribution licensee.	
Karnataka	feed in tariff (generic tariff) of ₹3.82/kWh for residential systems between 1 kW and 10 kW, and ₹2.84/kWh for projects between 10 kW and 2 MW (large-scale).		HT: PPA or Optional ToD tariff. Real-time Settlement for Captive RE producers based on production and consumption Megawatt-scale Solar Projects: Rs. 3.04 per unit. Megawatt-scale Solar with BESS: Rs. 5.66 per unit. Solar Rooftop (1 kW up to sanctioned load, excluding domestic 1 kW - 10 kW): Rs. 3.20 per unit, without subsidy.
Andhra Pradesh	Rs. 2.09/unit	Rs. 2.09/unit	Feed in Tariff Rs. 3.13/unit (LT), Rs. 2.92/unit (HT of max 1.5MW plant capacity), Rs. 2.71/unit during off peak hours and Rs. 4.17/unit during peak hours (HT/EHT of max 5MW)
Telangana	APPC rate shall be either adjusted in next month electricity bill or deposited in the bank account of the Eligible Consumer. When an Eligible Consumer cancels the Net metering Agreement entered into with the DISCOM after giving a month's notice, then, unused electricity credits shall be paid at a rate of Rs 0.50/kWh by the DISCOM or at a rate as notified by the Commission from time to time and ceases to be an Eligible Consumer thereafter. The gross net metering at 11 kV and above at an average rate or price from the latest Solar Purchase Agreements into by the Distribution Licensee.		

Comparison of Billing Systems in various States

SI No.	Billing Method		Net Metering	Net Billing	Gross Metering	Group Net Metering	Virtual Net Metering	Behind The Meter	Peer to Peer	
	State									
1	Kerala	Applicability (Eligibility)	Available for all categories, including residential, commercial, and industrial consumers	NA	NA	Available for all categories, including residential, commercial, and industrial consumers	PM KUSUM - C component	NA	NA	
		Consumer Category								
		Load/Capacity limit	(1) the domestic consumers with connected load up to 20 kW is permitted to install 'Renewable Energy System' of capacity up to 20 kW, irrespective of their connected load. (2) above 1 kW and upto sanctioned load/contract demand or 1000kW whichever is lower, for all other category of consumers. (3) for prosumers above 1 MW up to contract demand			(1) the domestic consumers with connected load up to 20 kW is permitted to install 'Renewable Energy System' of capacity up to 20 kW, irrespective of their connected load. (2) above 1 kW and upto sanctioned load/contract demand or 1000kW whichever is lower, for all other category of consumers. (3) for prosumers above 1 MW up to contract demand				
		Applicable charges	for the prosumer above 1 MW capacity Banking charges - 5% of the injected energy. Grid support charges - 5% of the injected energy.			Wheeling Charges at Rs 0.62/unit and distribution loss				
		Banking	allowed for All the prosumers up to the end of a financial year. Provisions for consumers with connected load above 20 kW: Injection in other than peak: drawal at 80% during peak time, 100% during the time period other than peak hours. Injection in Peak hours: drawl at 100% during peak time; balance to be adjusted at 120% during other time blocks.							
		Settlement Period	FY basis			FY basis				FY basis
		Settlement Rate	At Average Pooled Power Purchase Cost Rate (Rs 3.15/ unit for FY 2023-24)			At Average Pooled Power Purchase Cost Rate (Rs 3.15/ unit for FY 2023-24)				At Average Pooled Power Purchase Cost Rate (Rs 3.15/ unit for FY 2023-24)
		Billing of imported units	Imported energy is billed as per the prevailing Retail tariff			Imported energy is billed as per the prevailing Retail tariff				Imported energy is billed as per the prevailing Retail tariff
		Ownership Models	Primarily Consumer Owned; third-party ownership models allowed under specific conditions							
Remarks										

Sl No.	State	Billing Method		Net Metering	Net Billing	Gross Metering	Group Net Metering	Virtual Net Metering	Behind The Meter	Peer to Peer
		Applicability (Eligibility)	Consumer Category							
2	Tamil Nadu			Applicable to all domestic consumers	All categories of consumers (except Hut & Agriculture) irrespective of load, tariff and voltage level	The existing and new consumers of all categories except Low Tension category up to 150 kW and generators are eligible for gross metering mechanism irrespective of tariff				
			Load/ Capacity limit	upto the level of sanctioned load/contracted demand	up to the level of sanctioned load / contracted demand of their service connection or 999kW whichever is lower	The minimum size of the Solar System shall be 151 kW to a maximum capacity of 999 kW				
		Applicable charges		Upto 10 kW - Network charges at 20% of (LT- Rs 1.59/ kWh) Above 10 kW-Network charges at 20% of (LT- Rs 1.59/ kWh)	Network charges are determined by the Commission from time to time: For FY 204-25 HT- Rs 1.04/ kWh LT- Rs 1.59/ kWh	Nil				
		Banking		the net units of surplus generation get lapsed at end of settlement period	At the end of a 12-month settlement period, the consumer has the option to receive payment of the net credit amount balance (if any) or have such credit amount balance carried-over to the next settlement period	Nil				
		Settlement Period		Financial Year basis	Financial Year basis	Billing cycle				
		Settlement Rate		No payment for any excess unadjusted electricity at the end of settlement period	Feed in tariff Rs.3.61 (0-10 kW), Rs.3.37 (11-150 kW)	Feed in tariff Rs.3.10 (>150 kW)				
		Billing of imported units		At the retail tariff approved by the Commission	Imported energy based on retail tariff	Imported energy based on retail tariff				
		Ownership Models		Self-ownership and RESCO model	Self-ownership and RESCO model	Self-ownership and RESCO model				
		Remarks								

Sl No.	Billing Method		Net Metering	Net Billing	Gross Metering	Group Net Metering	Virtual Net Metering	Behind The Meter	Peer to Peer	
	State									
3	Maharashtra	Applicability(Eligibility)	Consumer Category	All consumers	All consumers	All consumers	for multiple premises owned by the same or different consumers under a single licensee.	housing society or apartment owners association including their common connection within the same Distribution Licensee's area of supply	All consumers	
			Load/Capacity limit	limited to 5 MW or Contract Demand/Sanction Load of consumer, whichever is lower.	Minimum size of RE system of 1kW and maximum size of sanctioned load/contract demand of consumer.	Upto Contract Demand/Sanctioned Load of consumer	Upto Contract Demand/Sanctioned Load of consumer	shall not exceed summation of capacity eligible to each participating consumer	Minimum size of RE system of 1kW and maximum size of sanctioned load/contract demand of consumer	
		Applicable charges		Grid Support Charges shall not be levied till installations under rooftop arrangement in the State reach 5000 MW			Wheeling Charges and Wheeling losses exempted till installed capacity of rooftop solar in Maharashtra reaches 5000 MW	Open Access Charges and losses for sourcing electricity exempted till installed capacity of rooftop solar in Maharashtra reaches 5000 MW	Not specified any charges	
		Banking		Allowed			allowed	allowed		
		Settlement Period		FY basis	Monthly	Monthly	FY basis	FY basis		
		Settlement Rate		Generic Tariff - latest tariff rate discovered for Grid Scale Solar project as a for generic tariff procurement of surplus energy from Rooftop PV projects and is Rs. 2.90/kWh for FY 2024-25		APPC Rate @ 4.88/kWh for FY 2024-25	Generic Tariff - latest tariff rate discovered for Grid Scale Solar project as a for generic tariff procurement of surplus energy from Rooftop PV projects and is Rs. 2.90/kWh for FY 2024-25			

		Billing of imported units	billed according to the prevailing tariff rates applicable to the consumer category	Energy Bill of consumer = Fixed Charges + other applicable charges and levies + (Edl × Trst) - (Ere × Tgc) – Billing Credit; Edl means the energy drawn from the Grid by the Prosumer ; Trst means the applicable retail supply tariff of the concerned consumer category as per the applicable retail supply Tariff Order of the Commission; Ere means the energy injected into the Grid by the Prosumer; Tgc means the Generic Tariff approved by the Commission for that year	Energy Bill of consumer = Fixed Charges + other applicable charges and levies + (EDL x TRST) - (ERE * TPPA) – Billing Credit; ERE means the energy units recorded for the billing period by the Renewable Energy Generation Meter; TPPA means the energy charges as per the Power Purchase Agreement signed between the Consumer and Distribution Licensee, EDL means the energy units supplied by the Distribution Licensee f) TRST means the applicable retail supply tariff of the concerned consumer category	as per ratio of procurement indicated under Net Metering Agreement	as per ratio of procurement indicated under Net Metering Agreement	As per retail tariff of the consumer	
		Ownership Models	self-owned or third party leasing such System						
		Remarks							

SI No	State	Billing Method		Net Metering	Net Billing	Gross Metering	Group Net Metering	Virtual Net Metering	Behind The Meter	Peer to Peer
		Consumer Category	Load/Capacity limit							
4	Gujarat	Applicability(Eligibility)	Consumer Category	All consumers		All consumers				
			Load/Capacity limit	for projects having capacity of 1 kW and above and upto 1000kW. For Residential consumers: irrespective of their sanctioned load		for projects having capacity of above 10 kW and upto 1000 kW				
		Applicable charges		Banking charges of Rs 1.50 / unit shall be applicable on solar energy consumed in case of Demand based Consumers. In case of MSME units and other than LT Demand based Consumers, Banking Charge of Rs.1.10 per unit shall be applicable on Solar Energy consumed. Banking Charges shall not be applicable to government buildings.						
		Banking		allowed within one billing cycle						
		Settlement Period		Billing cycle			Billing cycle			
		Billing of imported units		For Industrial, Commercial and Other Consumers peak charges shall be applicable for consumption during peak hours. For demand-based consumers Time of Use charges applicable for energy consumption during the two peak periods, Viz., 0700 Hrs. to 1100 Hrs. and 1800 Hrs. to 22:00 Hrs. For Billing Demand up to 500 kVA: 65 Paise per Unit. For Billing Demand above 500 KVA: 100 Paise per Unit						
		Ownership Models		self owned or third party leasing such System						

		Remarks	In case of solar projects set up by HT / EHV consumers, the energy set-off shall be allowed between 07.00 hours to 18.00 hours of the same day meaning thereby, the generated solar energy during a day shall be consumed by HT or EHV consumer during 07.00 hours to 18.00 hours on the same day. In case of solar projects set up by LT demand-based consumers, the energy setoff shall be allowed between 07.00 hours to 18.00 hours basis of the same billing cycle meaning thereby, the generated solar energy during 7:00 hours to 18:00 hours of a billing cycle shall be consumed by the consumer during the specified period of 7:00 hours to 18:00 hours in the same billing cycle						
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SI No	Billing Method		Net Metering	Net Billing	Gross Metering	Group Net Metering	Virtual Net Metering	Behind The Meter	Peer to Peer	
	State									
5	Rajasthan	Applicability(Eligibility)	Consumer Category	All consumers	All consumers				All consumers	
			Load/ Capacity limit	for loads up to 500 Kilowatt or upto the sanctioned load, whichever is lower	Minimum capacity shall not be less than 1 kW and upto sanctioned load/contract demand or 1000kW whichever is lower				limited to 100% of Contract Demand	
		Applicable charges		cross subsidy surcharge and additional surcharge shall be applicable for RESCO-owned					Fixed Charges or Demand Charges as per retail tariff order	
		Banking		Allowed						
		Settlement Period		FY basis	value of Renewable Energy generation (net amount in Rs after adjustment in billing cycle) shall be carried forward to next month and shall be adjusted upto end of settlement period				Billing cycle	
		Settlement Rate		weighted average tariff of large-scale solar projects of 5 MW and more, discovered through Competitive Bidding in last Financial Year, for entire duration of the project (₹2.87-₹3.00/kWh for the year 2024)	weighted average tariff discovered through Competitive Bidding for respective technology in previous Financial Year and adopted by the Commission, plus an incentive of 25%, for entire duration of the project (₹2.87-₹3.00/kWh plus incentive for the year 2024)				No payment for injection	

		<p>billed according to the applicable slab corresponding to the Net imported energy (Total Consumption from all sources – Allowable Solar Generation) from the grid.</p>	<p>Energy Bill of consumer = Fixed Charges + other applicable charges and levies + (EDL x TRST) - (ERE * TPPA) – Billing Credit; EDL means the energy units supplied (i.e., Gross Electricity Consumption by the Consumer) by the Distribution Licensee as recorded by the consumer meter for the billing period; TRST means the applicable retail supply tariff of the concerned consumer category as per the applicable retail supply Tariff Order of the Commission; ERE means the energy units recorded for the billing period by the RE Generation Meter; TPPA means the Tariff as per the Connection Agreement signed between the Consumer and Distribution Licensee</p>				As per retail tariff order
		<p>Billing of imported units</p>					
		<p>Ownership Models</p>	<p>self owned or RESCO models</p>	<p>self owned or RESCO models</p>			<p>RESCO</p>
		<p>Remarks</p>	<p>The net remaining energy available at the end of billing period of the respective category shall lapse and no payment shall be made for consumers other than domestic for the same</p>				<p>Consumer shall ensure that no energy is injected into the grid from such Renewable Energy generating system installed behind the Consumer's meter</p>

Sl No.	Billing Method		Net Metering	Net Billing	Gross Metering	Group Net Metering	Virtual Net Metering	Behind The Meter	Peer to Peer	
	State									
6	Uttar Pradesh	Applicability(Eligibility)	Consumer Category	LMV-5 (Agriculture), or residential/ domestic consumers under LMV-1	all consumers	all consumers	LMV-5 (Agriculture), or residential/ domestic consumers under LMV-1			Provision for peer to peer transaction in a secured manner. Only be implemented once the UPPCL and UPNEDA jointly put forth a proposal regarding the accounting and billing mechanism for such transactions
		Load/ Capacity limit	Shall not be less than 1 kWp and not more than 2 MWp upto sanctioned connected load/ contract demand	Shall not be less than 1 kWp and not more than 2 MWp upto sanctioned connected load/ contract demand	Shall not be less than 1 kWp and not more than 2 MWp upto sanctioned connected load/ contract demand	Shall not be less than 1 kWp and not more than 2 MWp upto sanctioned connected load/ contract demand				
		Applicable charges	Fixed/ demand charges, Government levy			Fixed/ demand charges, Government levy				
		Banking	allowed	allowed		allowed				
		Settlement Period	excess energy injected by the prosumer is carry forward as electricity credits till the end of settlement period (based on FY basis)	FY basis	billing cycle	excess energy injected by the prosumer is carry forward as electricity credits till the end of settlement period (based on FY basis)				
		Settlement Rate	at Rs 2/ kWh for the unadjusted electricity credits at the end of settlement period	weighted average tariff of large-scale solar projects of 5 MW and more, discovered through Competitive Bidding in last Financial Year, for entire duration of the project plus 25% incentive (Rs 2.98 per unit +25% incentive - March, 2024 rate)	weighted average tariff of large-scale solar projects of 5 MW and more, discovered through Competitive Bidding in last Financial Year, for entire duration of the project plus 25% incentive (Rs 2.98 per unit +25% incentive - March, 2024 rate)	at Rs 2/ kWh for the unadjusted electricity credits at the end of settlement period				
		Billing of imported units	Net Consumption (in kWh) = kWh (Import) - kWh (Export)	The net bill payable/ receivable shall be determined as the difference between electricity bill of the electricity supplied by the Distribution licensee (including government levy etc.) and the sum of monetary value of the exported energy &	Licensee issue net off bill based on the amount payable by the DISCOM as per settlement rate and amount payable by the prosumer as per RST.	Billed based on the ratio of procurement indicated under Net Metering Agreement				

				receivables, if any, carried over from last month					
		Ownership Models	self owned or third party	self-owned or third party owned	self owned or third party				
		Remarks		* Group Net billing is allowed as per the same conditions as of net billing. The settlement between the individual consumer in the group and the third party (if involved) will be the responsibility of the group or third party itself and shall be governed by the agreement between them. The third party aggregator is not be charged by DISCOM any fixed charges on this account but shall be charged for energy imported as per prevailing Rules and Regulations					

Sl No.	Billing Method		Net Metering	Net Billing	Gross Metering	Group Net Metering	Virtual Net Metering	Behind The Meter	Peer to Peer	
	State									
7	Haryana	Applicability(Eligibility)	Consumer Category	All consumers of electricity, except AP Consumers		All consumers of electricity, except AP Consumers				
			Load/ Capacity limit	for the loads up to 500 kW or up to sanctioned load/contracted demand, whichever is lower		for the loads up to sanctioned load/contracted demand				
		Applicable charges								
		Banking		carry forward upto end of settlement period						
		Settlement Period		FY basis		Billing period				
		Settlement Rate		Unadjusted units shall lapse at the end of the settlement period and shall not be paid for by the distribution licensee		the tariff be Rs. 3.11/- per unit for five year without any escalation despite market asymmetry				
		Billing of imported units		Net Consumption (in kWh) = kWh (Import) - kWh (Export) ii. Net Consumption (in kVAh) = Net Consumption (in kWh) divided by the power factor maintained by the consumer during corresponding billing period. **Regardless of availability of electricity credits with the eligible consumer during any billing period, the consumer will continue to pay applicable charges such as fixed/demand charges, Government levy, etc						
		Ownership Models		self owned or Third Party Owned Rooftop Solar PV		self owned or Third Party Owned Rooftop Solar PV				
		Remarks		for third party owned solar PV system, the electricity generated from such plants/system shall be used to meet the eligible consumer's internal electricity needs up to the capacity allowed						

Sl No.	Billing Method		Net Metering	Net Billing	Gross Metering	Group Net Metering	Virtual Net Metering	Behind The Meter	Peer to Peer
	State								
8	Bihar	Applicability(Eligibility)	Consumer Category	All consumers		All consumers			
			Load/ Capacity limit	shall not be less than one kWp and shall not exceed sanctioned/contracted load		shall not be less than one kWp and shall not exceed sanctioned/contracted load			
		Applicable charges							
		Banking		excess injected electricity shall be carried forward to next billing period as electricity credit and may be utilized to net electricity injected or consumed in future billing periods upto end of settlement period		No banking			
		Settlement Period		FY basis		Billing cycle			
		Settlement Rate		Excess energy lapse at end of settlement period		Feed-in Tariff at Rs 3.11 per unit (Rate discovered in 2022 and is still continuing)			
		Billing of imported units		As per tariff in force applicable to that category of eligible consumers.					
		Ownership Models		self owned or third party owners		self owned or third party owners			
		Remarks							

Sl No	Billing Method		Net Metering	Net Billing	Gross Metering	Group Net Metering	Virtual Net Metering	Behind The Meter	Peer to Peer	
	State									
9	Delhi	Applicability(Eligibility)	Consumer Category	all consumers			all consumers	for residential consumers, Group housing societies, offices of Government /Local Authorities and Renewable Energy Generators registered under Mukhya Mantri Kisaan Aay Badhotari Yojna.	Prosumers, except Ground Mounted Projects	
			Load/ Capacity limit	upto the sanctioned load of the Consumer			shall be upto 5 times of Sanctioned Load of participating consumer who have opted for VNM/GNM with maximum of 10 MW		shall be less than or equal to 200 kW or equivalent kVA, capacity of RE plant capped at 500% of its Sanctioned Load	
		Applicable charges								Energy Charge, Fixed charge, PPAC, RA Surcharge, Pension Trust Surcharge and Electricity Tax, Transaction Charge (inclusive of GST) per kWh or per Transaction to be paid by Consumer & Prosumer
		Banking								
		Settlement Period			FY basis			surplus units injected by the consumer shall be carried forward to the next billing period as energy credit and shown as energy exported by the consumer for adjustment against the energy consumed in subsequent billing	surplus credited units shall be carried forward in the next billing period as energy credits for adjustment against the energy consumed in subsequent billing periods within the settlement period of each participating consumer	Billing cycle

						periods within the settlement period			
		Settlement Rate	Rate for FY 2020-21 at Rs 2.79/ unit for BSES (from true up order- latest published)						Settlement shall be done first towards the energy transacted on P2P Platform and then towards the energy supplied by Distribution Licensee. Rates not yet determined
		Billing of imported units	as per applicable tariff, only after adjusting / netting off of the unadjusted energy credits of the previous billing cycle						<p>Distribution Licensee or Service Provider employed by DISCOM shall generate the bills of P2P participants. Payments made by P2P consumers shall be settled in the following order of priority:</p> <p>a) energy transacted by them on the P2P platform. b) transaction charges. c) the energy supplied by the distribution licensee.</p> <p>(1) Under injection of energy by P2P Prosumer- Payment by Prosumer to Consumer arrived as product of Energy imported by Consumer from DISCOM due to NonSupply by Prosumer with rate equivalent to absolute difference of Energy Charges of Consumer, as per Tariff Schedule, and mutually agreed price on P2P Platform. (2) Over injection of energy by the Prosumer- Settlement at the rates of Net Metering (3) Under-drawl of energy by P2P Consumer -Full payment of quantum of energy pledged by it on P2P platform to the Prosumer(s) (4) Over-drawl of energy by P2P Consumer- Settlement shall be done first towards the energy transacted on P2P Platform and then towards the energy supplied by Distribution Licensee. In the event of Total Demand (P2P Transaction + Purchase from Distribution Licensee) exceeds the contracted demand</p>
		Ownership Models							
		Remarks							

SI No	Billing Method		Net Metering	Net Billing	Gross Metering	Group Net Metering	Virtual Net Metering	Behind The Meter	Peer to Peer	
	State									
10	Madhya Pradesh	Applicability(Eligibility)	Consumer Category	All consumers		All consumers	All consumers			
			Load/ Capacity limit	upto 500 kW capacity, subject to connected load/ contract demand		upto 1 MW capacity	upto 100 kW capacity, subject to the total contract demand/ connected demand of the parent consumer and participating consumer	upto 100 kW capacity, subject to the total contract demand/ connected demand of the parent consumer and participating consumer		
		Applicable charges		Fixed charges based on the energy imported from the grid. Minimum charges for the category of consumer as per the RST will be applicable. Further duty/tax/cess imposed by the Government if any shall be applicable.			voltage wise losses, Wheeling charge, cross subsidy surcharge, additional surcharge as per RST on the wheeled energy prior to crediting of the participating consumers			
		Banking		Allowed						
		Settlement Period		1st day of October to the 31st September of the next year		1st day of October to the 31st September of the next year	1st day of October to the 31st September of the next year	1st day of October to the 31st September of the next year		
		Settlement Rate		Any excess energy unadjusted net credited units of electricity shall be payable by the discom at the lowest tariff rate discovered by solar/wind bidding in MP in the preceding FY. (Rs 2.14 per kWh		at the lowest tariff rate discovered by solar/wind bidding in MP in the preceding FY, for the energy injected by the prosumer. (Rs 2.14 per kWh	Any excess unadjusted net credited units of electricity shall be payable by the discom at the lowest tariff rate discovered by solar/wind bidding in MP in the preceding FY			

		Billing of imported units	as per applicable retail tariff, only after adjusting / netting off of the unadjusted energy credits of the previous billing cycle		Licensee issue net off bill based on the amount payable by the DISCOM as per settlement rate and amount payable by the prosumer as per RST . If the net bill is to payable by the distribution licensee then such amount shall be carry forward by the DISCOM till the end of settlement period.				
		Ownership Models	self owned or RESCO models		self owned or RESCO models				
		Remarks							

Sl No.	Billing Method		Net Metering	Net Billing	Gross Metering	Group Net Metering	Virtual Net Metering	Behind The Meter	Peer to Peer	
	State									
11	Assam	Applicability(Eligibility)	Consumer Category	All consumers		All consumers				
			Load/ Capacity limit	1 kWp to 1000 kWp , Limited to 100% of contract demand / connected load for LT consumers		1 kWp to 1000 kWp , Limited to 100% of contract demand / connected load for LT consumers				
		Applicable charges		Fixed charges applicable for the respective category as per RST		Fixed charges applicable for the respective category as per RST				
		Banking		allowed						
		Settlement Period		FY basis		monthly				
		Settlement Rate		at APPC rate (Rs 5.33 kWh. For FY 2024-25)		at APPC rate (Rs 5.33 kWh. For FY 2024-25)				
		Billing of imported units				Licensee issue net off bill based on the amount payable by the DISCOM as per APPC rate and amount payable by the prosumer as per RST .				
		Ownership Models		self owned or third party		self owned or third party				
		Remarks				mentioned as Exim Metering Arrangement in AERC Regulations				

SI No	State	Billing Method		Net Metering	Net Billing	Gross metering	Group Net Metering	Virtual Net Metering	Behind The meter	Peer to Peer
12	Andhra Pradesh	Applicability (Eligibility)	Consumer Category	Domestic, institutional, commercial, agricultural consumers with RTS	Domestic & commercial consumers with larger capacities.	Large-scale solar projects and institutional installations EHT consumers	Multiple domestic, commercial, and institutional consumers sharing a single solar installation.	Participants in community solar projects or shared solar initiatives receiving virtual credits.	NIL	NIL
			Load/ Capacity limit	1kW - 500kW Single Phase: LT, 240V (upto to 3kWp plant capacity) Three Phase: LT, 415V (3kWp to 75kWp) HT: 11kV (76kWp to 1500kWp), HT, 33kV (1501kWp to 5000kWp), EHT, 132 kV and Above (5000kWp)	1kW - 1 MW(or Contract demand whichever is lesser) Single Phase: LT, 240V (upto to 3kWp plant capacity) Three Phase: LT, 415V (3kWp to 75kWp),HT, 11kV (76kWp to 1500kWp), HT, 33kV (1501kWp to 5000kWp), EHT, 132 kV and Above (5000kWp)	1kW - 5MW (or Contract demand whichever is lesser) Single Phase :LT, 240V (upto to 3kWp plant capacity) Three Phase :LT, 240V (upto to 3kWp plant capacity) Three Phase: LT, 415V (3kWp to 75kWp),HT, 11kV (76kWp to 1500kWp), HT, 33kV (1501kWp to 5000kWp), EHT, 132 kV and Above (5000kWp)	5kW - 500kW Single Phase :LT, 240V (upto to 3kWp plant capacity) Three Phase: LT, 415V (3kWp to 75kWp),HT, 11kV (76kWp to 1500kWp), HT, 33kV (1501kWp to 5000kWp), EHT, 132 kV and Above (5000kWp)	5kW - 500kW Single Phase :LT, 240V (upto to 3kWp plant capacity) Three Phase: LT, 415V (3kWp to 75kWp),HT, 11kV (76kWp to 1500kWp), HT, 33kV (1501kWp to 5000kWp), EHT, 132 kV and Above (5000kWp)		
		Applicable Charges		min energy charge (net consumption < threshold), Grid support charges	Grid support charges		Grid support charges and T&D losses & charges as per MYT orders from injection to drawal point are deducted after adjusting generation against consumption	Grid support charges and T&D losses & charges as per MYT orders from injection to drawal point are deducted after adjusting generation against consumption		
		Banking		monthly banking to offset future consumption during billing cycle but limits on the duration and amount of banked energy that can be carried forward, often on an annual basis.	NIL	NIL	monthly banking to offset future consumption during billing cycle but limits on the duration and amount of banked energy that can be carried forward, often on an annual basis.	monthly banking to offset future consumption during billing cycle but limits on the duration and amount of banked energy that can be carried forward, often on an annual basis.		
		Settlement Period		Annual	Monthly			Annual		
Settlement Rate		Rs . 2.09/unit	Rs . 2.09/unit	Feed in Tariff Rs. 3.13/unit (LT), Rs. 2.92/unit (HT of max 1.5MW plant capacity), Rs. 2.71/unit during off peak hours and Rs. 4.17/unit during peak hours (HT/EHT of max 5MW)						

	Billing of imported units	Retail tariff (Rs. 6.7) as per PPA (net energy* 6.7)	Retail tariff as per PPA					
	Ownership model	Self-owned or third-party-owned, with on-site consumption offset.	self owned,3rd party or RESCO	Self-owned or RESCO model	Self owned	Community-owned or 3rd party owned		
	Remarks	ToD tariff :off-peak consumption is netted against total export divided by off-peak time blocks in a billing month. Consumer are free to choose billing method for selling power to DISCOM						

Sl No	State	Billing Method	Net Metering	Net Billing	Gross metering	Group Net Metering	Virtual Net Metering	Behind The meter	Peer to Peer
13	Punjab	Applicability	Consumer Category	1)Eligible consumer can opt for only one arrangement i.e. either net metering or net-billing or gross metering. 2)A consumer of electricity in the area of supply of distribution licensee, who uses or intends to use a rooftop SPV system installed in his premises.	1) Eligible consumer can opt for only one arrangement i.e. either net metering or net-billing or gross metering.	1) Eligible consumer can opt for only one arrangement i.e. either net metering or net-billing or gross metering.	NA		
			Load/Capacity limit	1) The minimum capacity of Rooftop SPV system under net metering arrangements shall be 1 kWp for a single eligible consumer. 2) The maximum capacity of Rooftop SPV systems under Net-Metering shall not exceed 500 kWp. 3) The maximum capacity of the Rooftop SPV system is subject to the sanctioned load/contract demand. i)Non-Domestic Consumers: The maximum capacity of the Rooftop SPV system (inverter capacity on the AC side) cannot exceed 70% of the sanctioned load (in kW) or contract demand (in kVA converted to kW using a power factor of 0.9). ii)Domestic Consumers: The maximum capacity of the Rooftop SPV system cannot exceed the sanctioned load (in kW) or contract demand (in kVA converted to kW using a power factor of 0.9).	1) The minimum capacity of Rooftop SPV system under net billing arrangements shall be 1 kWp for a single eligible consumer. 2) The maximum capacity of the Rooftop SPV system is subject to the sanctioned load/contract demand. i)Non-Domestic Consumers: The maximum capacity of the Rooftop SPV system (inverter capacity on the AC side) cannot exceed 70% of the sanctioned load (in kW) or contract demand (in kVA converted to kW using a power factor of 0.9). ii)Domestic Consumers: The maximum capacity of the Rooftop SPV system cannot exceed the sanctioned load (in kW) or contract demand (in kVA converted to kW using a power factor of 0.9).	1) Under gross metering arrangements, the minimum capacity shall be 50 kWp for a single eligible consumer 2)The maximum capacity of the Rooftop SPV system is subject to the sanctioned load/contract demand. i)Non-Domestic Consumers: The maximum capacity of the Rooftop SPV system (inverter capacity on the AC side) cannot exceed 70% of the sanctioned load (in kW) or contract demand (in kVA converted to kW using a power factor of 0.9). ii)Domestic Consumers: The maximum capacity of the Rooftop SPV system cannot exceed the sanctioned load (in kW) or contract demand (in kVA converted to kW using a power factor of 0.9).			

		Applicable Charges	i) Regardless of availability of excess electricity with the prosumer during any billing period, the prosumer will continue to pay all other charges such as fixed/demand charges, Government levy, etc			
		Banking	Under the time-of-day tariff system: i) Electricity consumption during any time block (e.g., peak or off-peak hours) is first offset by electricity generation during that same block. ii) If generation exceeds consumption in any block, the excess is credited to the next lower tariff block. iii) This process continues until all lower tariff block consumption is set off. iii) Any remaining excess generation after setting off all consumption is carried forward to the next billing cycle. iv) Offsetting in higher tariff zone not allowed. The same procedure is followed in subsequent billing cycles.			
		Settlement Period	1) The standard settlement period runs from October 1st to September 30th of the following year. 2) For seasonal industries—excluding cotton ginning, pressing and baling plants, rice shellers, rice bran stabilization units (without T.G. sets), and kinnow grading & waxing centres—the settlement period begins on April 1st and ends on March 31st , as defined under the General Conditions of Tariff.	1) The standard settlement period runs from October 1st to September 30th of the following year. 2) For seasonal industries—excluding cotton ginning, pressing and baling plants, rice shellers, rice bran stabilization units (without T.G. sets), and kinnow grading & waxing centres—the settlement period begins on April 1st and ends on March 31st , as defined under the General Conditions of Tariff.	1) Settlement period same as billing period. Billing period is monthly.	

		Settlement Rate	1) The electricity generated from a rooftop solar system shall not exceed 90% of the consumer's total electricity consumption during a settlement period. If generation exceeds 90%, the excess will not be paid for by the distribution licensee, cannot be carried forward to the next settlement period, and will be treated as inadvertent injection.	1) Feed-in-tariff of Rs.2.65/kWh for FY 2023-24 2) In case (ERE x TRE) is more than {Fixed charges + other applicable charges and levies + (EDL x TRST)}, utility shall give credit of amount equal to difference (Billing Credit), which shall be carried forward to the next billing cycle. 3) Billing credits will be carried forward to the next billing cycle throughout the settlement period. However, any remaining billing credits at the end of the settlement period will not be paid by the distribution licensee.	Feed-in-tariff of Rs.2.65/kWh for FY 2023-24	
		Billing of imported units	1) In case the electricity supplied by the distribution licensee during any billing period exceeds the electricity injected in the grid by the prosumer, the distribution licensee shall raise a bill for the net electricity consumption as per applicable tariff of that category after taking into account any excess electricity carried forward from the previous billing period	Energy Bill Calculation Formula: Energy Bill = Fixed Charges + Other Charges/Levies + (Energy Imported x Retail Supply Tariff) - (Energy Exported x Feed-in Tariff) - Billing Credit (from the last billing cycle). Definitions: Fixed Charges: Fixed or demand charges applicable as per the retail tariff order. Other Charges: Includes taxes like electricity duty, municipal tax, cess, etc. Energy Imported (EDL): Energy imported by the consumer from the grid. Retail Supply Tariff (TRST): Tariff rate for the consumer category as per the retail supply order. Energy Exported (ERE): Energy exported to the grid by the consumer. Feed-in Tariff (TRE): Approved tariff for energy exported to the grid. Billing Credit: The surplus amount when the value of exported solar energy exceeds the total consumer bill.	1) Import units billed at applicable retail. 2) Export units billed at feed-in-tariff.	
		Ownership model	'Self owned' or 'Third party' owned.	'Self owned' or 'Third party' owned.	'Self owned' or 'Third party' owned.	
		Remarks				

SI NO	State	Billing Method		Net Metering	Net Billing	Gross metering	Group Net Metering	Virtual Net Metering	Behind The meter	Peer to Peer
14	Himachal Pradesh	Applicability	Consumer Category	1) Any consumer getting supply of electricity from distribution licensee in its area of supply, who uses or intends to use a rooftop Solar PV system installed in his premises to offset part or all of the consumer's own electrical requirements.	1) Any consumer getting supply of electricity from distribution licensee in its area of supply, who uses or intends to use a rooftop Solar PV system installed in his premises to offset part or all of the consumer's own electrical requirements.	NA	1) Any consumer getting supply of electricity from distribution licensee in its area of supply, who uses or intends to use a rooftop Solar PV system installed in his premises to offset part or all of the consumer's own electrical requirements.	NA		
			Load/Capacity limit	1) For consumers with a sanctioned load of 10 kW or less, the maximum capacity for rooftop solar systems is 10 kW as per regulations. 2) For consumers with a sanctioned load exceeding 10 kW, the maximum rooftop solar capacity is 50% of the sanctioned load or 10 kW, whichever is higher. 3) Rooftop solar systems with a capacity of up to 50 kWp may be installed under this arrangement. 4) Maximum Peak Capacity Based on Supply Voltage i) LT (1Ø) (Single-phase supply): Maximum solar PV system capacity: 10 kWp. ii) LT (3 Ø) (Three-phase supply): Maximum solar PV system capacity: 20 kWp. iii) 11 kV or higher voltage level: Maximum solar PV system capacity: 1 MWp.	1) The rooftop solar system with capacity of more than 50 kWp, but not exceeding 1.00 MWp, may be installed under this arrangement.		1) The maximum capacity of the rooftop solar system under this arrangement will be the sum of the eligibility of each participating consumer. 2) The total installed capacity must not exceed the maximum limit allowed for the relevant voltage level. 3) Rooftop solar systems with capacities between 20 kWp and 1 MWp can be installed under this arrangement.			
		Applicable Charges								
		Banking		Eligible Consumer with Time of Day (ToD) Tariff: i) Electricity flows are recorded separately for each time period of the day over the billing period. ii) Energy accounting is done separately for each time period. iii) Net flows or electricity credits for one time period cannot be adjusted against another time period, even when settling unadjusted credits.			1) The energy allocated to the accounts of the participating consumers will be calculated after deducting 9% from the total energy received during the billing period. 2) The remaining energy will be credited to the participating consumers' accounts based on the respective percentages outlined in their agreement.			

		Settlement Period	Maximum 12 consecutive billing months starting from 16th March of the financial year, for the operational rooftop solar system under the applicable arrangement.	Maximum 12 consecutive billing months starting from 16th March of the financial year, for the operational rooftop solar system under the applicable arrangement.		Maximum 12 consecutive billing months starting from 16th March of the financial year, for the operational rooftop solar system under the applicable arrangement.	
		Settlement Rate	<p>1. For consumers approved or who opt for solar metering arrangements on or after 01-09-2022 for both net-metering and net-billing:</p> <p>a) If subsidy/grant/incentive is less than 50% of capital cost: 40% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹1.402/kWh</p> <p>b) If subsidy/grant/incentive is 50% or more but less than 70% of capital cost: 30% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹1.051/kWh</p> <p>c) If subsidy/grant/incentive is 70% or more but less than 90% of capital cost: 25% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹0.876/kWh</p> <p>d) If subsidy/grant/incentive is 90% or more of capital cost: 15% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹0.526/kWh</p>		<p>1. For consumers approved or who opt for solar metering arrangements on or after 01-09-2022 for gross metering:</p> <p>a) If subsidy/grant/incentive is less than 50% of capital cost: 40% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹1.402/kWh</p> <p>b) If subsidy/grant/incentive is 50% or more but less than 70% of capital cost: 30% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹1.051/kWh</p> <p>c) If subsidy/grant/incentive is 70% or more but less than 90% of capital cost: 25% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹0.876/kWh</p> <p>d) If subsidy/grant/incentive is 90% or more of capital cost: 15% of weighted average rate (₹3.504/kWh) for settlement Applicable rate: ₹0.526/kWh</p>		
		Billing of imported units	1)The energy credited to a participating consumer's account will be offset against their consumption for the billing period, and the consumer will be billed at the applicable retail tariff based on their net consumption after the offset.			1)The energy credited to a participating consumer's account will be offset against their consumption for the billing period, and the consumer will be billed at the applicable retail tariff based on their net consumption after the offset.	
		Ownership model					
		Remarks					

SI NO	State	Billing Method		Net Metering	Net Billing	Gross metering	Group Net Metering	Virtual Net Metering	Behind The meter	Peer to Peer	
15	Tripura	Applicability	Consumer Category	1)consumers intending to install grid-interactive SRTPVS within its supply area on a non-discriminatory, first-come, first-served basis. 2)All registered companies, government entities, semi-government bodies, educational institutes, partnerships, firms, and individuals who are consumers of Tripura Discom(s)	NA	1)consumers intending to install grid-interactive SRTPVS within its supply area on a non-discriminatory, first-come, first-served basis. 2)All registered companies, government entities, semi-government bodies, educational institutes, partnerships, firms, and individuals who are consumers of Tripura Discom(s)	1)consumers intending to install grid-interactive SRTPVS within its supply area on a non-discriminatory, first-come, first-served basis. 2)All registered companies, government entities, semi-government bodies, educational institutes, partnerships, firms, and individuals who are consumers of Tripura Discom(s)	NA			
			Load/Capacity limit	Individual Net Metering: •Minimum capacity: 1 kWp •Maximum capacity: 10 kWp or the contracted load/contract demand of the consumer, whichever is lower.		<ul style="list-style-type: none"> • Minimum capacity: 10 kWp • Maximum capacity: 500 kWp or the contracted load/contract demand of the consumer, whichever is higher. 	<ul style="list-style-type: none"> • Minimum capacity: 5 kWp • Maximum capacity: 500 kWp or the contracted load/contract demand of the consumer, whichever is lower. Net Metering of Multiple Points of an Individual: <ul style="list-style-type: none"> • Minimum capacity: 5 kWp • Maximum capacity: 500 kWp or the contracted load/contract demand of the consumer, whichever is lower. 				
		Applicable Charges									
		Banking		Banking applicable							
		Settlement Period		1) For the case of domestic consumers, settlement happens quarterly only when injected electricity exceeds consumption by more than 100 units. If net energy credits is under 100 units, it will be carried over to next billing period. 2) For non-domestic consumers, settlement period is monthly basis.		Monthly basis	Monthly basis				

		Settlement Rate	<p>1) If energy export exceeds consumption, the DISCOM will pay for the excess monthly at the Feed-in Tariff.</p> <p>2) For domestic consumers, if injected electricity exceeds consumption by more than 100 units, the DISCOM will pay quarterly, capped at 3.8 units per kW of installed capacity per day.</p> <p>3) Net energy credits under 100 units will carry over to the next billing period.</p> <p>4) For non-domestic consumers, the 3.8 units per kW cap per day also applies, and any surplus at the end of the billing period will lapse without payment.</p> <p>5) The feed-in tariff will be 35% of the average cost of supply of the financial year as determined by the commission for SRTPVS commissioned under net metering.</p>		<p>1) For gross metering in LT supply, the feed-in tariff will be 35% of the average cost of supply for SRTPVS systems.</p> <p>2) For gross metering in HT supply (up to 1500 kWp capacity), the feed-in tariff will be 50% of the average cost of supply for SRTPVS systems.</p> <p>3) For gross metering in HT/EHT supply (1501 kWp to 5000 kWp), the feed-in tariff will be 50% of the average cost of supply for SRTPVS systems.</p> <p>4) For gross metering in HT/EHT supply with battery storage, the feed-in tariff will be 80% of the average cost of supply if power is supplied during the evening peak (18:00 to 22:00) as per DISCOM requirements.</p>		
		Billing of imported units	1) If energy consumption exceeds export in a billing month, prosumers will pay for the net energy at the applicable tariff.		1) units of consumption will be computed at applicable retail tariff and units of generation will be computed at feed-in tariff.		
		Ownership model					
		Remarks					

SI NO	State	Billing Method		Net Metering	Net Billing	Gross metering	Group Net Metering	Virtual Net Metering	Behind The meter	Peer to Peer
16	Karnataka	Applicability (Eligibility)	Consumer Category	Residential, Agricultural & small scale Industrial and Commercial	NIL	Large Scale Industrial and Commercial, Captive RE Producers or Open Access consumers	NIL			<p>Participant:A prosumer(sell) or consumer(buy) registered with the Distribution Licensee and Service Provider to trade rooftop solar energy on a P2P platform.</p> <p>Participants with net or gross metering provided a ToD-compliant energy meter or smart meter is installed at their premises who choose to trade energy with each other via an online P2P platform through blockchain mechanism.</p> <p>Green Energy Open Access charges if participants are not under same substation and DT, Transaction charges through p2p platform</p> <p>Cumulative P2P capacity \geq 100 MW, the distribution licensee will require prosumers/consumers to submit schedules: Day-Ahead:Submit the next day's P2P energy schedule by 17:00 on the previous day, with no changes allowed afterward. Intraday:Submit the P2P energy schedule at least four-time blocks before it starts, with no changes allowed after submission.</p>
			Load or Capacity limit	Upto 5 kW (230 V- 1 phase),Above 5 kW and upto 150 KW (LT level, 400 V- 3 phase),Above 150 kW and upto 2000kW (11kV HT). Plant capacity: 1 kW to 500kW or upto Sanctioned load (whichever is lower)		Above 500kW or upto sanctioned load whichever is lower				
		Applicable Charges		minimal utility charges for agricultural prosumers Fixed or demand charges based on consumer's tariff category		Fixed or demand charges based on consumer's tariff category				
		Banking		monthly		NIL				
		Settlement Period		Annual Settlement at PPA rate at the end of FY		Monthly				

		Settlement Rate	feed in tariff (generic tariff) of ₹3.82/kWh for residential systems between 1 kW and 10 kW, and ₹2.84/kWh for projects between 1 kW and 2 MW (large-scale).		HT: PPA or Optional ToD tariff. Real-time Settlement for Captive RE producers based on production and consumption Megawatt-scale Solar Projects: Rs. 3.04 per unit. Megawatt-scale Solar with BESS: Rs. 5.66 per unit. Solar Rooftop (1 kW up to sanctioned load, excluding domestic 1 kW - 10 kW): Rs. 3.20 per unit, without subsidy.		
		Billing of imported units	Retail Tariff		Tariff agreed to in the PPA, or Prevailing retail supply tariff whichever is higher deducted from export payments.		
		Ownership model	self-owned systems or third-party models		self-owned systems		
		Remarks	APPC rate : Rs.4.93 per unit the ESCOMs shall bill the RE generators selling to them under REC mechanism at lower of Rs.4.93/unit or 75% of the Generic tariff determined for FY25 by the Commission, for the respective RE source, which is subject to truing up of APPC for FY25. APPC of Rs.4.25 per unit for the financial year 2023-24		S RTPV consumers with a captive plant or wheeling agreement will lose Net Metering PPA. ESCOM pays interest if payment is delayed beyond 30 days.		If no excess energy is available in the P2P network, the consumer's needs are met by the distribution licensee. If no buyer is found, the energy is sold back to the licensee at the fixed PPA price.

Sl No	State	Billing Method		Net Metering	Net Billing	Gross metering	Group Net Metering	Virtual Net Metering	Behind The meter	Peer to Peer
17	Telangana	Applicability (Eligibility)	Consumer Category	Residential,Industrial, Commercial	NIL	NIL	NIL	NIL	NIL	NIL
			Load/ Capacity limit	Upto 5kW (240V,1 phase), Above 5 kW and upto 75 kW (415 V,3 Phase), Above 75 kW /kVh and upto 1MW (HT- 11kV or 33 kV feeder). Plant capacity: Domestic(100% of sanctioned load) ,industrial & Commercial (80% of sanctioned load)						
		Applicable Charges		Grid Support Charges = Total Installed Capacity x Rate of GSC (Rs./kW/month) and shall pay Rs.15/kW/month. exempted from Transmission charge,Transmission loss,Wheeling charge,cross subsidy surcharge and additional surcharge						
		Banking		Normal Eligible Consumer is within the ambit of ToD tariff, consumption in any time block, i.e. peak or off- peak hours, etc., shall be first compensated with the quantum of electricity injected in the same time block. Any excess injection over and above the consumption in any other time block in a Billing Cycle shall be accounted as if the excess injection had occurred during off-peak hours.						
		Settlement Period		Twice in a year(June and December)						
		Settlement Rate		APPC rate and shall be either adjusted in next month electricity bill or deposited in the bank account of the Eligible Consumer.						
		Billing of imported units		Retail tariff						
		Ownership model		Self owned or third party						
		Remarks		When an Eligible Consumer cancels the Net metering Agreement entered into with the DISCOM after giving a month's notice, then, unused electricity credits shall be paid at a rate of Rs 0.50/kWh by the DISCOM or at a rate as notified by the Commission from time to time and ceases to be an Eligible Consumer thereafter. The gross net metering at 11 kV and above at an average rate or price from the latest Solar Purchase Agreements into by the Distribution Licensee.						

SL No.	State	Billing Method		Net Metering	Net Billing	Gross metering	Group Net Metering	Virtual Net Metering	Behind The meter	Peer to Peer
18	West Bengal	Applicability	Consumer Category	i) A consumer within the supply area of the distribution licensee who has installed or plans to install a solar PV system. ii) All Eligible Agriculture Consumers	NA	i) Consumers (Except Agriculture)	NA			
			Load/Capacity limit	i) 1 kW or more on a rooftop or any mounting structure on their premises. ii) Consumers with Sanctioned Load/Contract Demand up to 5 kW (Except agriculture consumers) iii) The installed capacity of the Solar PV generating system shall not exceed the consumer's contract demand (in kVA) or sanctioned load (in kW), except for government-funded projects or projects under specific schemes.		ii) Sanctioned Load/Contract Demand Above 5 kW.				
		Applicable Charges		1) Regardless of availability of excess electricity with the eligible consumer during any billing period, the consumer will continue to pay all other charges such as fixed/demand charges, Government levy, etc.		NA				
		Banking		1) For consumers under a time-of-day tariff set by the Commission, electricity consumption in each time block (peak or off-peak) will first be offset by the electricity generated in the same block. Any excess generation beyond consumption in a time block will be accounted for as if it occurred in the next lower tariff block. This process will continue until all consumption in the lower tariff blocks is offset by the solar PV generation. 2) Offsetting in higher tariff zone not allowed.		NA				
		Settlement Period		i) Settlement period – Financial year basis.		i) Settlement period – Financial year basis.				

		Settlement Rate	<p>1) Any excess energy generated from rooftop solar PV systems exceeding 90% of the consumer's energy usage from the licensee's supply per billing period will be carried over to the next billing period within the same year.</p> <p>2) If, at the end of the year, the energy supplied by the licensee is less than the energy injected by the consumer's rooftop solar system, the licensee will not pay for any excess energy beyond 90% of the consumer's yearly consumption, treating it as unwanted inadvertent injection.</p>		<p>1) The distribution licensee shall enter into a Power Purchase Agreement at a generic tariff set by the Commission, fixed for the project's entire useful life, with specific tariffs for solar PV installations as follows: 378.82 Paise/kWh for 2023-24, 379.86 Paise/kWh for 2024-25, and 373.10 Paise/kWh for 2025-26.</p> <p>2) Billing Credit, which is the amount by which the renewable energy generation in a month exceeds all other components of the consumer's bill. Any surplus billing credits at the end of settlement period will lapse and will not be paid by the distribution licensee. While, entire quantity of electricity generated by the solar PV system will be procured by the distribution licensee.</p>	
		Billing of imported units	<p>1) A slab tariff, as per the applicable tariff order under the Tariff Regulations, will apply to the net energy supplied by the licensee in a billing period if the energy supplied exceeds the energy injected by the consumer's rooftop solar PV system, considering any carried-forward energy from previous billing periods of that year.</p>		<p>1)The distribution licensee shall raise the consumer's bill according to the following equation: Energy Bill of consumer = Fixed Charges + Other applicable charges, subsidy, rebates, and levies + (EDL x TRST) - (ERE x TPPA) - Billing Credit Definitions: i)Fixed Charges: The Fixed/Demand Charges applicable to the consumer category as per the retail supply Tariff Order. ii)Other Charges and Levies: Any additional charges such as municipal tax and cess. iii)ERE: Energy units recorded for the billing period by the Renewable Energy Generation Meter. iv)TPPA: Energy charges as per the Power Purchase Agreement between the consumer and the distribution licensee. v)EDL: Energy units supplied (Gross Electricity Consumption) recorded by the consumer meter for the billing period. vi)TRST: Applicable retail supply tariff for the concerned consumer category as per the Tariff Order of the Commission. vii)Billing Credit: The amount by which the value of renewable energy generation in a month exceeds the value of all other components of the consumer's bill</p>	
		Ownership model				
		Remarks			It is recognised as net-billing in regulation.	