

झारखण्ड सरकार

ऊर्जा विभाग

संकल्प

संकल्प संख्या—JREDA/E.P-7-13/2015-16..... /

राँची, दिनांक / 2015

विषय: झारखण्ड राज्य सौर ऊर्जा नीति 2015 में संशोधन के संबंध में।

1. झारखण्ड राज्य सौर ऊर्जा नीति 2015 विभागीय संकल्प संख्या 2007 दिनांक 10.08.2015 के द्वारा अधिसूचित की गई है।
2. सौर ऊर्जा नीति के अन्तर्गत राज्य में निजी निवेश की भागीदारी को बढ़ावा देने हेतु निवेशकों के लिए अनुकूल वातावरण का सृजन करते हुए वर्ष 2020 तक 2650 मेगावाट सौर ऊर्जा उत्पादन का लक्ष्य निर्धारित किया गया है।
3. सौर ऊर्जा नीति में मूलतः निम्नलिखित श्रेणियों के अन्तर्गत मेगावाट साइज के सौर ऊर्जा प्लांट स्थापित किये जाने का प्रावधान किया गया है:—

- राज्य के विद्युत वितरण लाईसेंसियों को विद्युत बेचने के लिए।
- स्वयं की विद्युत आवश्यकता की पूर्ति के लिए।
- किसी अन्य (third party) को विद्युत बेचने के लिए।
- REC Mechanism के तहत सोलर पावर प्लांट का अधिष्ठापन।

4. सौर ऊर्जा नीति के कंडिका 7 में उल्लेखित श्रेणियों में श्रेणी-(i) के सोलर पावर प्लांट्स से विद्युत क्रय करने के संबंध में नीति के कंडिका 23 पर निम्नलिखित प्रावधान हैं:—

(a) राज्य सरकार द्वारा उपलब्ध कराई गई भूमि पर लगाये जाने वाले सोलर पावर प्लांट्स:

- 500 मेगावाट से कम क्षमता के सोलर पावर प्लांट के लिए tariff का निर्धारण, Regulator (JSERC) द्वारा निर्धारित tariff के अन्तर्गत Reverse competitive bidding के द्वारा किया जायेगा।
- 500 मेगावाट या इससे अधिक क्षमता वाले सोलर पावर प्लांट के लिए JSERC द्वारा निर्धारित tariff लागू होगा।

(b) सोलर पावर प्लांट जिनके लिए डेवलपर द्वारा भूमि का प्रबंध स्वयं किया जायेगा, ऐसे प्लांट के लिए आवंटित क्षमता के लिए tariff का निर्धारण नियामक आयोग (JSERC) के द्वारा किया जायेगा।

5. राज्य की Solar Power Policy की अधिसूचना निर्गत हो जाने के क्रम में बड़ी संख्या में निवेशकों ने झारखण्ड राज्य में सोलर पावर प्लांट लगाने हेतु रुचि दिखाई है। Project Proponents के बीच Capacity allocation का कार्य 'objectively' एवं प्रतिस्पर्धात्मक प्रक्रिया से किए जाने की आवश्यकता है।
6. वर्ष 2015 के दौरान देश के जिन राज्यों में बिजली क्रय करने के लिए निवेशकों के बीच क्षमता का आवंटन Tariff Based Competitive Bidding के द्वारा किया गया है, उनमें राज्यवार अलग-अलग Price Range प्राप्त हुई हैं। हाल ही में तेलंगाना राज्य द्वारा सम्पादित Competitive Bidding में lowest price 5.17 रुपए प्रति यूनिट एवं highest price 6.04 रुपए प्रति यूनिट मिला है तथा पंजाब में lowest price 5.09 रुपए प्रति यूनिट एवं highest price 5.98 रुपए प्रति यूनिट मिला है। झारखण्ड राज्य में JSERC द्वारा बिजली क्रय के लिए निर्धारित वर्तमान दर 7.97 रुपए प्रति यूनिट है।

दूसरे राज्यों की तरह झारखण्ड राज्य में सोलर बिजली के प्रतिस्पर्धात्मक मूल्य प्राप्त करने के लिए Tariff Based Competitive Bidding प्रक्रिया अपनाने तथा Solar Power Policy के बेहतर कार्यान्वयन के लिए निम्नलिखित प्रस्तावों पर स्वीकृति दी गई है:-

- 6(a) सभी प्रकार के प्लांट्स जो सरकारी या गैर सरकारी भूमि पर हों तथा कितनी भी क्षमता के हों, उनसे बिजली का क्रय State Discom के द्वारा Tariff Based Competitive Bidding के आधार पर किया जाएगा। तदनुसार सोलर पावर पॉलिसी के 'वर्तमान प्रावधान' एवं प्रस्तावित 'संशोधित प्रावधान' निम्नवत् है :-

सोलर पॉलिसी कडिका संख्या	वर्तमान प्रावधान	संशोधित प्रावधान
7 (I)	<p>Categories of Solar Power Plants: Development of Solar Power Plants for Sale of Electricity to the Distribution Licensee: To support compliance of the renewable (solar) purchase obligation (RPO) target announced by the Jharkhand State Electricity Regulatory Commission, the State Government shall promote development of solar power plants for sale of electricity generated to the State Distribution Licensee. The Nodal Agency shall formulate suitable provisions for the allotment of capacity to the project developers.</p> <p>State shall have first right of refusal for upto 50 percent of the power generated by the project or Renewable Power Obligation (RPO) of the Distribution Licensee, whichever is higher.</p> <p>The Jharkhand State Electricity Regulatory Commission shall announce separate feed-in tariff applicable for utility scale solar photovoltaic power plants and utility scale solar thermal power plants, after considering the State specific parameters. The feed-in tariff shall act as a ceiling limit in the competitive bidding process organized by the Nodal Agency. Capacities shall be defined AC and not in DC. Power Purchase Agreement (PPA) shall be done between the State Discoms and the successful bidder for a period of 25 years or life of the project, whichever is earlier.</p> <p>For larger investments including FDI projects of capacity 500 MW and above, government land, subject to availability, shall be made available on priority by the State Government on long term lease basis. For such projects, the performance bank guarantee shall be Rs. 10 lakhs per megawatt and the same will be released only after scheduled commissioning of the plant. The tariff for such projects shall be decided by the JSERC.</p>	<p>Categories of Solar Power Plants: Development of Solar Power Plants for Sale of Electricity to the Distribution Licensee: To support compliance of the renewable (solar) purchase obligation (RPO) target announced by the Jharkhand State Electricity Regulatory Commission, the State Government shall promote development of solar power plants for sale of electricity generated to the State Distribution Licensee. The Nodal Agency shall formulate suitable provisions for the allotment of capacity to the project developers to be selected through competitive bidding process.</p> <p>The Jharkhand State Electricity Regulatory Commission shall announce separate feed-in tariff applicable for utility scale solar photovoltaic power plants and utility scale solar thermal power plants, after considering the State specific parameters. The feed-in tariff shall act as a ceiling limit in the competitive bidding process conducted by the Nodal Agency for allocation of capacities and Power Purchase Agreements (PPA's) among the project proponents. Power Purchase Agreement (PPA) shall be done between the State Discoms and the successful bidder for a period of 25 years or life of the project, whichever is earlier. Capacities shall be defined AC and not in DC.</p>
10 (T)	<p>Land: (a) Land requirement: Wherever any Government assistance for land acquisition/ Government land transfer is required for setting up of Solar Power Plant in Jharkhand, the scale for land use will be as per the latest land efficient Solar Photovoltaic/Solar Thermal technology. The scale for land use shall be reviewed annually to factor in the technological developments in the solar power sector.</p> <p>It will be the responsibility of the project developer to acquire the land required for the project.</p> <p>State govt. shall also identify and provide land for developing of solar power projects on competitive tariff bidding basis. Government land in the 'Industrial areas/zones' of the State shall also be provided on priority for setting up of solar power plants, solar manufacturing industry, solar parks. However, State government shall, subject to availability, provide government land on priority and on long term lease basis for solar power plants of capacity 500 MW or more at JSERC power tariff. The govt. shall introduce a land bank scheme to facilitate quick availability of land for such projects. A GIS based land information & management system will be developed. There shall be 100% waiver on land use conversion charges/fees. The concerned department shall give land use conversion permission within 15 days of the project registration.</p> <p>(b) Stamp duty exemption on purchase of private land: 100% exemption from payment of fee and</p>	<p>Land: (a) Land requirement: Wherever any Government assistance for land acquisition/ Government land transfer is required for setting up of Solar Power Plant in Jharkhand, the scale for land use will be as per the latest land efficient Solar Photovoltaic/Solar Thermal technology. The scale for land use shall be reviewed annually to factor in the technological developments in the solar power sector.</p> <p>It will be the responsibility of the project developer to acquire the land required for the project.</p> <p>State govt. shall also identify and provide land for developing of solar power projects on competitive tariff bidding basis. Government land in the 'Industrial areas/zones' of the State shall also be provided on priority for setting up of solar power plants, solar manufacturing industry, solar parks. However, State government shall, subject to availability, provide government land on priority and on long term lease basis for solar power plants of capacity 500 MW or more. The govt. shall introduce a land bank scheme to facilitate quick availability of land for such projects. A GIS based land information & management system will be developed. There shall be 100% waiver on land use conversion charges/fees. The concerned department shall give land use conversion permission within 15 days of the project registration.</p> <p>(b) Stamp duty exemption on purchase of private land: 100% exemption from payment of fee and stamp duty for registration of lease deed for allotment of govt.</p>

	stamp duty for registration of lease deed for allotment of govt. land and on registration of purchase of private land.	land and on registration of purchase of private land.										
10 (v)	Deemed approvals: Govt. shall issue certificate whenever required.	Deemed approvals: Govt. shall issue certificate to the developer about the deemed approvals under this policy, whenever required.										
11	Role of Nodal Agency	To be added below Sl. No. (m) n) REC Accreditation: JREDA shall provide requisite support for accreditation of the power plant and recommend its registration with the Central Agency for issuance of Renewable Energy Certificates (REC). o) Water Allocation: The Nodal agency shall facilitate the project proponent in obtaining water allocation from concerned departments for the Solar Thermal Project. p) Power Evacuation: JREDA shall facilitate the project proponent in getting power evacuation and/or open access as per regulations issued by JSERC and amended from time to time										
14 (a)	Registration: a) Jharkhand Renewable Energy Development Agency (JREDA), Government of Jharkhand shall be the nodal agency for registration and post development activities for the development of the Solar Power Projects in the state. The companies who have signed the MoU with Government of Jharkhand are required to get registration as per provisions of this clause. The Developers/Investor shall submit the following documents for registration: i) Application in the given format; ii) Certified copy of Memorandum & Articles of Association of the company/ Certified copy of the bye- laws of the registered society; iii) Certified copy of partnership deed; iv) Certified copy of the audited balance sheet of last 3 years/Net worth, turn over and Personal Bank Guarantee.	Registration: (a) Jharkhand Renewable Energy Development Agency (JREDA), Government of Jharkhand shall be the nodal agency for registration and post development activities for the development of the Solar Power Projects in the state. Capacities to set up Solar Power Plants for sale of power to State Discom shall be allocated on the basis of Tariff Based Competitive Bidding irrespective of the category of land i.e. government land or self arranged non-government land. The companies who have signed the MoU with Government of Jharkhand are required to participate in the bidding process for capacity allocation. Further, the Eligible Developers selected through competitive bidding process shall be deemed registered under this Clause in line with provisions of bidding documents. The Developers/Investor falling under projects of different category which is being allocated other than competitive bidding process shall submit following documents for registration: (i) Application in the given format; (ii) Certified copy of Memorandum & Articles of Association of the company/ Certified copy of the bye- laws of the registered society; (iii) Certified copy of partnership deed; (iv) Certified copy of the audited balance sheet of last 3 years/Net worth, turn over and Personal Bank Guarantee.										
14 (b)	In case the project is found to be eligible after evaluation, a demand note for depositing the requisite processing fee will be issued within fifteen (15) days and such Developers will be required to deposit the processing fee (non- refundable) of Rs. One lac per MW and get the project registered within a period of fifteen (15) days from the issuance of the demand note; and	For projects of other categories to be allocated through other than competitive bidding route and which are found to be eligible after evaluation, a demand note for depositing the requisite processing fee will be issued within fifteen (15) days and such applicants will be required to deposit the processing fee (non-refundable) as detailed below and get the project registered within a period of fifteen (15) days from the issuance of the demand note; <table><tr><td>Capacity</td><td>Processing Fee</td></tr><tr><td>Up to 5 KWp</td><td>Rs. 1,000/-</td></tr><tr><td>Above 5 KWp to 100 KWp</td><td>Rs. 5,000/-</td></tr><tr><td>Above 100 KWp to 1000 KWp</td><td>Rs. 10,000/-</td></tr><tr><td>MW size projects</td><td>Rs. 10,000 per MW</td></tr></table> For the projects allocated through competitive bidding process, the processing fee shall be governed by the provisions of the tender document.	Capacity	Processing Fee	Up to 5 KWp	Rs. 1,000/-	Above 5 KWp to 100 KWp	Rs. 5,000/-	Above 100 KWp to 1000 KWp	Rs. 10,000/-	MW size projects	Rs. 10,000 per MW
Capacity	Processing Fee											
Up to 5 KWp	Rs. 1,000/-											
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Above 100 KWp to 1000 KWp	Rs. 10,000/-											
MW size projects	Rs. 10,000 per MW											
17	Minimum equity to be held by the developer (iv) After execution of PAA the controlling shareholding (at least 26% of the voting rights) in the Company developing the project shall be maintained up to a period of 3 years after commencement of commissioning of the project. (v) In case the minimum equity for two Consecutive quarters falls below 26% after the execution of PPA, the accreditation of the project with JREDA will be cancelled and the PPA with the power utilities will stand terminated.	Minimum equity to be held by the developer (iv) After execution of PPA the controlling shareholding (at least 26% of the voting rights) in the Company developing the project shall be maintained up to a period of one (1) year from the date of Commercial Operation Date of the project. (v) In case the minimum equity falls below 26% after the execution of PPA but prior to one year of COD of the project , the accreditation of the project with JREDA will be cancelled and the PPA with the power utilities will stand terminated.										

	(vi) Thereafter any charge may be undertaken only with the prior approval of JREDA.	(vi) Thereafter any change may be undertaken only with the prior approval of JREDA.
23 (a)	<p>Tariff: Projects for sale of electricity to the Distribution Licensee: The Jharkhand State Electricity Regulatory Commission shall announce separate feed-in tariff applicable for utility scale solar photovoltaic power plants and utility scale solar thermal power plants, after considering the State specific parameters.</p> <p>Where the land for the solar power plant is provided by the government, the power tariff and capacity shall be decided on the basis of reverse competitive bidding with reference to the levelised feed-in-tariff announced by Jharkhand State Energy Regulatory Commission (JSERC). The success of the tariff determination on the basis of reverse competitive bidding shall be reviewed after one year of announcement of this policy.</p> <p>For projects of capacity 500 MW or more, the power tariff shall be the levelised feed in tariff announced by Jharkhand State Electricity Regulatory Commission.</p> <p>Where the land for the solar power plant is arranged by the project developer himself/herself, the power tariff for the approved capacity shall be decided by Jharkhand State Energy Regulatory Commission (JSERC).</p>	<p>Tariff: Projects for sale of electricity to the Distribution Licensee: The Jharkhand State Electricity Regulatory Commission shall announce separate feed-in tariff applicable for utility scale solar photovoltaic power plants and utility scale solar thermal power plants, after considering the State specific parameters.</p> <p>The power tariff and capacities for all types of projects, irrespective of their capacity and size on government as well as non-government lands, shall be decided by tariff based reverse competitive bidding with reference to the levelized feed-in tariff announced by the regulator (JSERC).</p>
Abbreviations		<p>To be added</p> <ul style="list-style-type: none"> Act - Electricity Act 2003 CDM - Clean Development Mechanism COD - Commercial Operation Date Discom - Distribution Licensee DPR - Detailed Project Report GOI - Government of India GST - Goods and Services Tax JNNSM - Jawaharlal Nehru National Solar Mission KW - Kilo Watt MNRE - Ministry of New and Renewable Energy MoU - Memorandum of Understanding MW - Mega Watt NA - Non Agricultural NOC - No Objection Certificate PPA - Power Purchase Agreement PPP - Public Private Partnership PV - Photovoltaic SLDC - State Load Dispatch Centre SLSC - State Level Screening Committee SLEC - State Level Empowered Committee SPP - Solar Power Project SPV - Special Purpose Vehicle State - State of Jharkhand ToD - Time of Day Transco - Transmission Licensee

6(b) भारत सरकार द्वारा झारखण्ड राज्य के लिए वर्ष 2020 तक 1995 मेगावाट सोलर पावर उत्पादन के निर्धारित लक्ष्य एवं Jharkhand Solar Policy के अन्तर्गत वर्ष 2019-20 तक के लिए निर्धारित 2650 MW के लक्ष्यों को ध्यान में रखते हुए सोलर पावर प्लांट्स के लिए प्रथम चरण में कुल 1200 मेगावाट क्षमता का आवंटन Tariff Based Competitive Bidding के द्वारा किए जाने का निर्णय लिया गया है। राज्य में छोटी क्षमता के सोलर पावर प्लांट्स को प्रोत्साहन देने के उद्देश्य से 200 मेगावाट क्षमता का आवंटन 1-25 मेगावाट क्षमता के प्लांट्स के बीच किया जाएगा तथा 1000 मेगावाट क्षमता का आवंटन 25 मेगावाट से अधिक क्षमता के प्लांट्स के बीच किया जाएगा। 1-25 मेगावाट श्रेणी में Competitive Prices पर पर्याप्त offers/bids प्राप्त नहीं होने की स्थिति में अनावंटित क्षमता का आवंटन 25 मेगावाट से अधिक क्षमता वाली श्रेणी के बीच किया जाएगा। कुल आवंटित 1200 मेगावाट क्षमता की बिजली का क्रय State Discom (JBVNL) द्वारा PPAs के माध्यम से किया जाएगा।

6(c) Tariff Based Competitive Bidding कराने तथा State Discom के साथ Power Purchase Agreements (PPAs) कराने तथा स्वीकृत प्रोजेक्ट्स के Implementation Management के समस्त कार्यों को तकनीकी एवं कानूनी रूप से कुशलता पूर्वक सम्पन्न कराने के लिए Transaction Manager के रूप में राज्य सरकार के उपक्रम M/s JINFRA को nomination basis पर चयनित करने का निर्णय लिया गया है ताकि Transaction Manager चयन प्रक्रिया में लगने वाले समय को बचाकर आगे की कार्रवाई शीघ्र की जा सके। M/s JINFRA को, JINFRA से प्राप्त प्रस्ताव एवं इस संबंध में की गई Negotiation के आधार पर, Tariff Based Competitive Bidding तथा PPAs कराने के लिए 41.00 लाख रुपए (कर अतिरिक्त) तथा अगले 12 से 15 माह की अवधि के लिए Solar Power Projects के Implementation Management के लिए 6.00 लाख रुपए प्रति माह (कर अतिरिक्त) की Retainership Fee पर रखे जाने का निर्णय लिया गया है।

6(a), 6(b) एवं 6(c) पर मंत्रीपरिषद् की स्वीकृति प्राप्त है।

झारखण्ड राज्यपाल के आदेश से,

ह0/-

सरकार के प्रधान सचिव।

ज्ञापांक...../

राँची, दिनांक.....2015

प्रतिलिपि: अधीक्षक राजकीय मुद्रणालय, डोरण्डा, राँची/ नोडल पदाधिकारी, ई-गजट, ऊर्जा विभाग, झारखण्ड राँची को सूचनार्थ तथा विभाग के वेबसाइट पर अपलोड करने हेतु प्रेषित।

ह0/-

सरकार के प्रधान सचिव।

ज्ञापांक...../

राँची, दिनांक.....2015

प्रतिलिपि :- महालेखाकार(ले.प.), झारखण्ड, राँची को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

ह0/-

सरकार के प्रधान सचिव।

ज्ञापांक...../

राँची, दिनांक.....2015

प्रतिलिपि: राज्यपाल के प्रधान सचिव, झारखण्ड राँची / माननीय मुख्य (ऊर्जा) मंत्री के प्रधान सचिव झारखण्ड, राँची / मुख्य सचिव झारखण्ड, राँची / सभी प्रधान सचिव / सचिव, झारखण्ड, राँची / सभी प्रमण्डलीय आयुक्त / सभी उपायुक्त, झारखण्ड को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

ह0/-

सरकार के प्रधान सचिव।

ज्ञापांक 29.22...../

राँची, दिनांक 20.11.2015

प्रतिलिपि: अध्यक्ष-सह-प्रबंध निदेशक, झारखण्ड ऊर्जा विकास निगम लिमिटेड, राँची / सचिव, झारखण्ड राज्य विद्युत नियामक आयोग, राँची/ प्रबंध निदेशक, झारखण्ड ऊर्जा उत्पादन निगम लिमिटेड, राँची/ प्रबंध निदेशक, झारखण्ड बिजली वितरण निगम लिमिटेड, राँची/ प्रबंध निदेशक, झारखण्ड ऊर्जा संचरण निगम लिमिटेड, राँची / निदेशक, जेडा राँची को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

Mohate
20/11/15

सरकार के प्रधान सचिव।

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