

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**STARRED QUESTION NO. 166**  
ANSWERED ON 28.07.2022

**PURCHASE OF ELECTRICITY**

\*166. SHRI KODIKUNNIL SURESH

Will the Minister of New and Renewable Energy be pleased to state:

- (a) whether the Government is aware that the Kerala State Electricity Board (KSEB) has entered into an agreement with the Solar Energy Corporation of India Limited to buy three hundred megawatts of electricity from a private company at Rs.2.83/unit whereas solar energy was available for Rs.2/unit;
- (b) if so, the details thereof and the reaction of the Government thereto;
- (c) whether the Power Companies are selling electricity to Kerala Government as per the agreements;
- (d) if so, the details thereof along with the unit sales by each company under public sector; and
- (e) whether the Union Government has sold electricity to the Kerala Government on subsidised rate or full rate from the Central pool, if so, the details thereof and the reaction of the Union Government thereto?

**ANSWER**

**THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER**

**(SHRI R.K. SINGH)**

(a) to (e): A Statement is laid on the Table of the House.

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## STATEMENT

### **Statement referred to in reply to parts (a) to (e) of Lok Sabha Starred Question No. 166 to be answered on 28.07.2022 regarding PURCHASE OF ELECTRICITY**

(a) & (b) Solar Energy Corporation of India Limited (SECI) has entered into agreements with Kerala State Electricity Board Limited (KSEBL) for sale of 475 MW of Renewable Energy; which include 300 MW of solar energy at Rs.2.37 per unit; and 175 MW of wind energy at Rs.2.82 per unit . The tariff for the concerned renewable power projects was discovered after competitive bidding as per the 'Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Solar PV/ Wind Power Projects' and the tariff discovered has been approved by Central Electricity Regulatory Commission (CERC) under Section 63 of the Electricity Act, 2003.

(c) & (d) Power Companies are selling electricity to Kerala Government as per power purchase agreements. The details of allocation from central sector generating stations are placed at **Annexure-I**. Kerala also has Long Term Access (LTA) contracts scheduled with other regional entity thermal generators such as BALCO (95 MW), Jhabua (204.25 MW), JITPL (95 MW), JPL-2 (332.5 MW) and MPL (140.63 MW).

(e) The power is sold to DISCOMs based on the tariffs indicated in the Power Purchase agreements (PPAs) executed by them with generators. The tariff of the power available in the Central Pool is determined by the CERC, and PPAs are signed between the generator companies and DISCOMs as per that rate.

Annexure-I referred to in reply to parts (c) and (d) of Lok Sabha Starred Question No. 166 replied on 28.07.2022

दक्षिणी क्षेत्र में कन्वेंशनल केन्द्रीय जनरेटिंग स्टेशनों से विद्युत का आबंटन / ALLOCATION OF POWER FROM CONVENTIONAL CENTRAL GENERATING STATIONS IN SOUTHERN REGION				
स्टेशन /STATIONS	स्थापित क्षमता/ INSTALLED CAPACITY	दक्षिणी क्षेत्र के भीतर/ Within the Southern Region		
		आबंटित क्षमता/ ALLOCA- TED CAPACITY	केरल/ KERALA	
	MW	MW	%	MW
<b>(A) फर्म शेयर/ FIRM SHARE</b>				
रामागुंडम स्टेज-I & II / Ramagundam St. I & II	2100.0	1690.0	11.67	<b>245.0</b>
रामागुंडम स्टेज-III / Ramagundam St. III	500.0	425.0	12.20	<b>61.0</b>
तालचेर स्टेज-II / Talcher St. II	2000.0	1500.0	12.35	<b>247.0</b>
सिम्हाद्री एस.टी.पी.एस स्टेज-II यूनिट.1,2 / Simhadri STPS St.II U-1,2	1000.0	850.0	8.09	<b>80.9</b>
सिम्हाद्री स्टेज-I /Simhadri St. I	1000.0	1000.0		
Kudgi STPS Unit-1, 2 & 3 (2400 MW)	2400.0	1140.0	4.38	<b>105.0</b>
एन.एल.सी .टी.पी.एस. II स्टेज-I / NLC TPS-II St. I	630.0	535.0	10.00	<b>63.0</b>
एन.एल.सी .टी.पी.एस. II स्टेज-II/NLC TPS-II St. II	840.0	715.0	10.71	<b>90.0</b>
एन.एल.सी. टी.पी.एस. I / NLC TPS-I Exp.	420.0	357.0	14.00	<b>58.8</b>
एन.एल.सी .टी.पी.एस. II / NLC TPS-II Exp.	500.0	425.0	14.00	<b>70.0</b>
एन.एन.टी.पी.एस.यू. I & II/ NNTPS U-I & II	1000.0	940.0	3.24	<b>32.4</b>
वैल्लूर एसटी.पी.एस यू.1,2,3 / Vallur STPS U-1, 2 & 3	1500.0	1387.5	3.33	<b>49.9</b>
टी.पी.एल .तूतीकोरिन यू.1,2/ TPL Tuticorin U-1,2	1000.0	881.5	7.25	<b>72.5</b>
मद्रास ए.पी.एस / Madras APS	440.0	422.0	5.23	<b>23.0</b>
कैगा ए.पी.एस यू .1,2 / Kaiga APS U-1 & 2	440.0	374.0	8.64	<b>38.0</b>
कैगा ए.पी.एस यू .3,4 / Kaiga APS U-3 & 4	440.0	374.0	7.95	<b>35.0</b>
कुंडाकुलम एनपीपी युनिट-1 / Kudankulam NPP U-1	1000.0	850.0	13.30	<b>133.0</b>
कुंडाकुलम एनपीपी युनिट-2 / Kudankulam NPP U-2	1000.0	850.0	13.30	<b>133.0</b>
<b>उप-कुल /SUB-TOTAL (A)</b>	<b>18210.0</b>	<b>14716.0</b>		<b>1537.5</b>
<b>(B) फर्म शेयर अन्य क्षेत्रों से/ FIRM SHARE FROM OTHER REGIONS</b>				
पूर्वी क्षेत्र के डीवीसी की एनटीपीसी से आत्मसमर्पित हिस्से से बिजली / Surrendered share of DVC from NTPC Stations in ER		35.0		
डी.वी.सी / .DVC		600.0		<b>150.0</b>

दक्षिणी क्षेत्र में कन्वेंशनल केन्द्रीय जनरेटिंग स्टेशनों से विद्युत का आबंटन / ALLOCATION OF POWER FROM CONVENTIONAL CENTRAL GENERATING STATIONS IN SOUTHERN REGION				
स्टेशन /STATIONS	स्थापित क्षमता/ INSTALLED CAPACITY	दक्षिणी क्षेत्र के भीतर/ Within the Southern Region		
		आबंटित क्षमता/ ALLOCA- TED CAPACITY	केरल/ KERALA	
	MW	MW	%	MW
नबीनगर टी.पी.एस-जे.वी)यूनिट-1,2,3&4) / Nabinagar TPS -JV(Unit-1,2,3&4)		11.0		
बाढ़ एस.टी.पी.एस स्टेज-I) यूनिट 1) / Barh STPS Stage-I (U-1)		80.0		
बाढ़ एस.टी.पी.एस स्टेज-II) यूनिट 4 व 5) / Barh STPS Stage-II (U-4 &5)		97.0		
मुजफ्फपुर टीपीएस यू- 3 & 4 / Muzaffpur TPS U-3 & 4		88.1		
बोंगाईगांव थर्मल पीपी/Bongaigaon Thermal PP		139.0		
<b>उप-कुल/SUB-TOTAL (B)</b>		<b>1050.2</b>		<b>150.0</b>
<b>(C) कुल फर्म शेयर / TOTAL FIRM SHARE [C=A+B]</b>		<b>15766.2</b>		<b>1687.5</b>
<b>(D) दक्षिणी क्षेत्र के सीजीएस की अनाबंटित पावर / UNALLOCATED POWER OF SR CGSs (corresponding to18-22 hours)</b>		<b>2094.0</b>		<b>236.8</b>
<b>(E) सौर ऊर्जा के साथ बंडलिंग के लिए पूर्वी/पश्चिमी क्षेत्र से अनाबंटित क्षमता / UNALLOCATED POWER FROM ER/WR FOR BUNDLING WITH SOLAR POWER</b>		<b>200.0</b>		
<b>(F) पूर्वी क्षेत्र से अनाबंटित क्षमता/ UNALLOCATED POWER FROM ER REGION</b>		<b>36.4</b>		
<b>(G) UNALLOCATED POWER FROM BONGAIGAON (NER REGION) (corresponding to18-22 hours)</b>		<b>1.4</b>		
<b>समर्पित स्टेशन /DEDICATED STATIONS</b>				
कायाकुलम सी.सी.जी.टी/Kayamkulam CCGT	360.0	360.0	100.00	<b>360.0</b>
<b>उप-कुल / SUB-TOTAL</b>	<b>360.0</b>	<b>360.0</b>		<b>360.0</b>