

**BEFORE THE HARYANA ELECTRICITY REGULATORY COMMISSION
BAYS No. 33-36, SECTOR-4, PANCHKULA- 134112, HARYANA**

Case No. HERC/PRO – 15 of 2018

DATE OF HEARING : 04.04.2018
DATE OF ORDER : 06.09.2018

IN THE MATTER OF:

Petition to seek in-principle approval of the Commission to purchase 250 MW of Solar Power from SECI under 2000 MW ISTS Scheme.

Petitioner

Haryana Power Purchase Centre, Panchkula (HPPC)

Present On behalf of the Petitioner

1. Shri Gaurav Gupta, Xen, HPPC
2. Smt. Seema Sidana, AE, HPPC

QUORUM

**Shri Jagjeet Singh, Chairman
Shri M.S. Puri, Member
Shri Debashish Majumdar, Member**

ORDER

1. HPPC has filed the petition to obtain in-principle approval of the Commission to purchase 250 MW of Solar Power from SECI under 2000 MW ISTS Scheme @ Rs. 2.93/-kwh (excluding trading margin) fixed for 25 years, in order to meet Solar RPO targets.
2. HPPC has submitted as under:-
 - a) That Section 86 (1)(e) of the Electricity Act, 2003 inter-alia, provides for the function of the State Commission as under:

“promote cogeneration and generation of electricity from renewable sources of energy by providing suitable measures for connectivity with the grid and sale of electricity to any person, and also specify, for purchase of electricity from such sources, a percentage of the total consumption of electricity in the area of a distribution licensee”
 - b) That, in the Tariff Orders passed by the Commission from time to time, the Haryana Utilities have been mandated to purchase power to meet the Renewable Purchase Obligation. In this regard, the Commission has notified HERC (Terms and Conditions for determination of tariff for Renewable Energy Sources, Renewable Purchase Obligation and Renewable Energy Certificate) Regulation, 2010.

- c) That HERC has fixed Solar RPO targets in third Amendment of HERC Regulations, 2010 as under:

“64(2) Solar power purchase obligation of every obligated entity shall be not less than the quantum of solar renewable energy as indicated in the table below:-

Financial Year	Solar RPO (as a percentage of total consumption)
2013-14	0.10
2014-15	0.25
20 15-16	0.75
2016-17	1.00
20 17-18	1.25
20 18-19	1.50
20 19-20	2.00
2020-21	2.50
2021-22	3.00

- d) That the existing solar power capacity available with Haryana DISCOMs is as under:

S.	Solar Power Projects	Installed Capacity (MW)	Haryana Share
1	M/s VKG Energy Pvt. Ltd. village RaipurRani Distt. Panchkula	1	1
2	M/s Zamil New Delhi Infra Structure (P) Ltd., village Pachnouta, Tehsil Narnul, Distt. Mahendergarh	1	1
3	M/s Chandraleela Power Energy (P) Ltd. village Silarpur Mehta, Tehsil Narnul, Distt. Mahendergarh	0.8	0.8
4	M/s H R Minerals & Alloys Pvt. Ltd., village Kalanour, Rohtak	1	1
5	M/s C&S Electric Ltd. village Nagda, Tehsil Bhadra, Bhiwani	1	1
6	M/s SDS Solar Pvt. Ltd., village Balasmad, Hissar II, Distt. Hissar	1	1
7	M/s Tayal & Co., village Beed Firozdi Distt. Panchkula	1	1
8	M/s Sukbir Solar Energy Pvt. Ltd , Village Kumthala, Sirsa	1	1
9	M/s Siwana Solar Power Project ,Bhiwani	5	5
10	Through SECI (in Rajasthan)	80	80
11	JBM Solar Power Pvt. Ltd.at Siwani, Dist. Bhiwani	20	20
12	Subhash Infratech Pvt. Ltd.at Khatoti Khurd, Narnaul ,Haryana	1	1
13	Utecht Solar Power Ltd. ,Vil. Bhanhri, Tehsil-Narnaul, Mahendergarh (Haryana)	1	1
14	HPGCL Solar Plant at Panipat	10	10
15	Balarc Solar Power Project	1	1
	TOTAL CAPACITY (MW)	125.8	125.8

- e) That with the existing contracted capacity of 125.8 MW , it is expected that 200 MUs will be generated and purchased by HPPC as per past practice.
- f) That keeping in view the expected energy consumption for the forthcoming FY 2018-19 as 41906 MUs (6.88% increase as per CAGR derived by CEA on 39209 MUs) and expected availability of solar power projects in the forthcoming years, the shortfall foreseen is as under:

FY	**Likely Energy consumption in Mus	SOLAR TARGETS		Expected Availability		Shortfall	
		in (%) of energy consumption	in MUS	Expected Capacity in MW	Expected MUS at 19% PLF	in MUs	in MW
Shortfall from FY 2012-13 to 2016-17						377	227
2017-18	39209*	1.25	490.11	125.8	209.4	280	169
2018-19	41906	1.5	628	125.8	209.4	419	252
2019--20	44789	2	895	125.8	209.4	685	413

* Energy available for sale by DISCOMs excluding energy purchased from RE sources and Hydro as per HERC Order dated 11th July, 2017

- g) That in order to meet the Solar RPO targets in the forthcoming years, HPPC intends to purchase 250 MW solar power from Solar Energy Corporation India with ceiling limit @ Rs.2.93/kwh(excluding trading margin) fixed for 25 years.
- h) That as far as the requisite fees as per HERC Fees Regulations, 2005, 1st Amendment Regulations, 2013 is concerned, it is intimated that this office had deposited Rs. 25000/- to seek in-principle approval for purchase of same 250 MW solar power from SECI in Case no. HERC/PRO-22 of 2017. The Commission vide its Order dated 1.3.2018 stated that:
"In compliance, the petitioner, vide memo. no. Ch.58/ HPPC/SE/C&R-I /XEN-LTP-I /SECI dated 28.11.2017 has submitted that keeping in view the declining trend of tariff in respect of solar power, HPPC hereby withdraw the said petition bearing Case No. HERC/PRO – 22 of 2017. The new petition to purchase 250 MW solar power from SECI under the subject cited scheme will be filed once the ceiling tariff is informed by SECI after consultation with MNRE.
In view of the above submission of the petitioner, the present petition is dismissed as withdrawn."
- i) That the fees earlier deposited in case No. HERC/PRO-22 of 2017, amounting to Rs. 25,000/- may be adjusted against this petition, as the source and quantum of power remains the same as earlier petition. The remaining amount of Rs. 12,25,000/- as intimated by HERC vide its memo. no. 2508-09/HERC/Tariff dated 23.10.2017 will be deposited at the time of signing of PPA.
- i) This petition is being filed with the approval of Worthy CMD/UHBVN and DHBVN.
3. The matters was heard on 04th April, 2018 as scheduled.
4. On hearing the matter, the Commission observed that the filing fee deposited in some other case can't be adjusted against the filing fee of this Petition. The earlier case cited by the Petitioner has been disposed of by the Commission along with all the filing/submissions and communications in the matter. This being a separate case, filing fee has to be deposited in accordance with HERC Fee Regulations, 2005, 2nd Amendment Regulations, 2016 which

caps the filing fee for approval of PPA of non-conventional power plants at Rs. 2,00,000/-,. Thus, filing fee of Rs. 2,00,000/- is required to be deposited by HPPC, as against Rs. 12,25,000/- intimated earlier.

5. Accordingly, HPPC deposited the requisite filing fee of Rs. 2, 00,000/-, vide memo no. Ch-5/HPPC/C&R-I/XEN-LTP-I/SECI dated 14.05.2018. Further, there is no need to deposit remaining amount of Rs. 12,25,000/- as earlier intimated by HERC vide its memo no. 2508-09/HERC/Tariff dated 23.10.2017 pertaining to case no. HERC/PRO-22 of 2017.
6. Subsequently, HPPC vide memo no. Ch-25/HPPC/SE/C&R-I/XEN-LTP-I/SECI dated 07.08.2018 informed that SECI has intimated that 100 MW solar project capacity @ Rs. 2.54/Kwh (excluding trading margin of Rs. 0.07/Kwh) has been allocated to Haryana against the requisite 250MW. Further, SECI has forwarded the PSA to be signed between HPPC and SECI latest by 21.08.2018.
7. The Commission has considered the request of HPPC and is pleased to grant the approvals sought in the petition and additional submission regarding 100MW solar power @ Rs. 2.54/Kwh (excluding trading margin of Rs. 0.07/Kwh) from SECI, taking into consideration the fact that SECI is a Govt. of India Enterprise, working on behalf of Ministry and Renewable Energy (MNRE) and the PSA is a standard document signed by many States as beneficiaries.
8. HPPC, within seven days from the date of signing of the PSA, shall submit a copy of the signed PSA for record of the Commission.
9. The Petition is disposed of accordingly.

This order is signed, dated and issued by the Haryana Electricity Regulatory Commission on 06.09.2018.

Date: 06.09.2018
Place: Panchkula

(Debashish Majumdar)
Member

(M.S.Puri)
Member

(Jagjeet Singh)
Chairman