

Filing No. 26/2021
23/04/2021
Petition No - 09/2021

**BEFORE THE HIMACHAL PRADESH
ELECTRICITY REGULATORY COMMISSION,
SHIMLA**

**PETITION FOR
DETERMINATION OF AVERAGE POOLED
PURCHASE COST FOR FY 2020-21**



*Entered at Sr.no. 09,
Page no. 101, of the
Petition Register*

FEBRUARY 2021

**HIMACHAL PRADESH STATE ELECTRICITY
BOARD LIMITED, VIDYUT BHAWAN,
SHIMLA-171004.**

**BEFORE THE HIMACHAL PRADESH ELECTRICITY REGULATORY
COMMISSION, SHIMLA**

Filing No.....

Petition No.....

IN THE MATTER OF: Determination of Average Pooled Power Purchase
Cost (APPC) for FY 2020-21.

AND

Himachal Pradesh State Electricity Board Limited
(hereinafter referred to as "HPSEBL" or "The
HPSEBL"), Vidyut Bhawan, Shimla - 171004

- Applicant

The Applicant respectfully submits as under: -

1. Himachal Pradesh State Electricity Board Limited (HPSEBL) is a deemed licensee under first provision of Section 14 of the Electricity Act, 2003 for distribution and supply of electricity in the state of Himachal Pradesh. Consequent to the enactment of the Electricity Act, 2003 (hereinafter referred to as the "Act"), the process of approval of proposed tariffs is vested with the State Commission.
2. Based on the provisions of Section 62 of the Act and in compliance with the directives of the Commission on the matter, HPSEBL is filing the current petition, for determination of Average Pooled Power Purchase Cost for FY 2020-21.

Table of Contents		
Sr. No.	Description	Page Number
1	Background	4
2	Determination of APPC	5 - 6
3	Prayers	7
4	Affidavit	8

1. BACKGROUND:-

The petition pertains to determination of Average Pooled Power Purchase Cost (APPC) for the financial year 2020-21 in accordance with regulation 5(1)(c) of the CERC (Terms and Conditions for Recognition and Issuance of Renewable Energy Certificate for Renewable Energy Generation) Regulations, 2010 amended from time to time.

HPSEB Limited submits that while nearly all the components of power purchase cost are determined by CERC & HPERC in advance, the Average Pooled Power Purchase Rate (APPC Rate) is being determined by HPERC on year on year basis and accordingly the HPSEB Limited is filing the present petition before the Hon'ble HPERC for determination of APPC rates for FY 2020-21.

The meaning of Pooled Cost of Purchase is as given under the Explanation to regulation 5(1)(c) of CERC ((Terms and Conditions for recognition and issuance of Renewable Energy Certificate for Renewable Energy Generation) Regulations 2010.

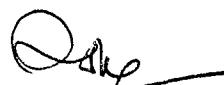
Thus the meaning stipulates that the 'Pooled cost of Purchase' is the weighted average pooled price at which Distribution Licensees has purchased electricity in the previous year from:-

- (i) long term suppliers
- (ii) short term suppliers
- (iii) includes own generation but excludes renewable energy sources;

The Purchase quantum and costs for FY 20 are as per the Regulatory Accounts for FY 20 Certified by the Statutory Auditors appointed by CAG.

In view of above, the Average pooled power purchase cost is computed for FY 21 is computed in accordance with the following:-


- (1) The arrears pertaining to past periods, which were paid in FY 20, have been excluded as these are not recurring in nature.
- (2) Unscheduled Interchange (UI) has also not been included in line with the philosophy approved by the Hon'ble Commission in APPC Order for FY 2012-13.
- (3) The PGCIL/ Transmission Charges/ ULDC/ Other Charges have also been excluded in line with the philosophy approved by the Hon'ble Commission in APPC Order of 2012-13.
- (4) The approved rates of Own generating stations have been taken from Multi Year Tariff Order dated 29.06.2019 for 4th Control Period for Distribution Business of HPSEBL.
- (5) The Forward (inward) Banking at zero cost has been considered as approved by Hon'ble Commission in previous order.
- (6) Methodology laid down in the Commission's Orders dated 16.07.2012.


Chief Engineer (Comm.)
HPSEBL, Vidyut Bhawan
Shirgaon-4

2. Determination of APPC Rate for FY 2020-21.

Table 1: APPC Rate for FY 21 (Petition)

S.No	Power Purchase for FY 2019-20			
	Stations	MUs	Paise/unit	Rs. Cr
A	<i>HPSEBL Stations (above 25 MW)</i>			
	Bhaba	582.57	80	46.73
	Bassi	330.17	81	26.71
	Giri	224.23	93	20.89
	Larji	589.53	231	135.93
	Total (A)	1,726.50	133	230.27
B	<i>BBMB Stations</i>			
	BBMB Old	43.92	119	5.24
	BBMB New, Dehar and Pong	633.88	54	34.18
	Total (B)	677.80	58	39.42
C	<i>NTPC Stations</i>			
	Anta(GF)	17.53	754	13.22
	Anta (RF)	0.06		0.70
	Auraiya(GF)	31.08	686	21.32
	Auraiya(RF)	1.06	1,044	1.10
	Dadri(GF)	90.38	455	41.08
	Dadri(RF)	0.80	1,645	1.31
	Unchahar-I	58.49	438	25.60
	Unchahar-II	140.58	410	57.65
	Unchahar-III	60.10	475	28.53
	Unchahar-IV	13.06	415	5.41
	Rihand-1 STPS	226.46	229	51.96
	Rihand-2 STPS	220.89	214	47.22
	Rihand-3 STPS	241.76	284	68.61
	Kahalgoan II	123.37	350	43.15
	Singrauli STPP	69.60	162	11.27
	Dadri II TPS	30.94	437	13.51
	Tanda TPS	3.30	387	1.28
	Koldam HEP	494.70	513	253.80
	Total (C)	1824.15	376	686.73
D	<i>NHPC Stations</i>			
	Chamera-I	72.60	195	14.18
	Chamera-II	43.18	179	7.74
	Chamera-III (GoHP RLDC)	0.10	367	0.04
	Parbati III (GoHP RLDC)	0.08	570	0.05
	Bairasuil (GoHP RLDC)	0.00	-	0.01
	Dhauli Ganga	45.62	257	11.71
	Salal	37.77	137	5.16
	Tanakpur	16.46	378	6.22
	Uri	89.70	162	14.57
	Total (D)	305.52	195	59.68
E	<i>PP Cost from Other Stations</i>			
	NAPP	108.80	321	34.88
	RAPP	111.53	405	45.18
	Nathpa Jhakri SoR	182.76	234	42.81
	Nathpa Jhakri Equity	1623.84	233	377.94
	Rampur HEP SoR	52.55	453	23.81
	Rampur HEP Equity	532.56	424	225.96


Chief Engineer (Comm.)
HPSEBL, Vidyal Bhawan
Shimla-4

S.No	Stations	MUs	Paise/unit	Rs. Cr
	Shanan (1 MW)	5.27	21	0.11
	Shanan Extn (45 MU)	45.00	21	0.93
	Yamuna (UJVNL)	479.07	116	55.59
	Khara (UPPCL)	50.83	99	5.03
	Baspa-II	1177.59	193	227.08
	Total (E)	4369.80	238	1039.32
F	<i>GoHP free Power</i>			
	Shanan Share	2.64	256	0.67
	Ranjeet Sagar Dam	95.57	256	24.47
	Malana	72.88	256	18.66
	Baspa - II	160.58	256	41.11
	Kasang HEP (FP)	24.82	256	6.35
	Chanju HEP (FP)	21.32	256	5.46
	Private Micros (Upto 5 MW)	20.88	256	5.34
	Private Micros (Above 5 MW)	115.29	256	29.51
	Ghanvi	11.97	256	3.06
	Baner	5.50	256	1.41
	Gaj	6.36	256	1.63
	Khauli	5.10	256	1.30
	Larji	79.47	256	20.34
	Ghanvi II	5.36	256	1.37
	Total (F)	627.73	256	160.70
G	<i>REC Projects</i>			
	Upto 25 MW (REC Tariff)	299.14	249	74.44
	Total (G)	299.14	249	74.44
H	<i>Short-term Market and Bilateral Purchase</i>			
	Advance Banking	0.00	-	-
	Bilateral Purchase	(0.01)	-	(0.00)
	IEX Purchase	273.15	320	87.35
	Total (H)	273.14	320	87.35
	Grandtotal	10,103.78	235.35	2,377.90


 Chief Engineer (Comm.)
 HPSEBL, Vidyut Bhawan
 Shimla-4

Prayers

HPSEBL Prays before the Hon'ble Commission to:

- a) Approve the APPC Rates of Rs. 2.35/unit for FY 21as proposed.
- b) To condone the delay in filing of Petition for determination of APPC rate for FY 2020-21 as the finalization of accounts for FY 20 was delayed due to COVID-19 pandemic;
- c) To condone any inadvertent omissions/ errors/ shortcomings and permit the Petitioner to add/ change/ modify/ alter this filing and make further submissions as may be required at a future date
- d) To allow further submissions, addition and alteration to this Petition as may be necessitating from time to time.
- e) Treat the filing as complete in view of substantial compliance as also the specific requests for waivers with justification placed on record;
- f) And pass such other and further orders as are deemed fit and proper in the facts and circumstances of the case.


BY APPLICANT
Chief Engineer (Comm.)
HPSEBL, Vidyut Bhawan
Shimla-4

BEFORE THE HIMACHAL PRADESH ELECTRICITY REGULATORY
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
Himachal Pradesh State Electricity Board Limited
(hereinafter referred to as "HPSEBL" or "The HPSEBL"
or "HPSEB Limited") Vidyut Bhawan, Shimla - 171004
- Applicant


AFFIDAVIT

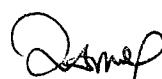
I, Er. Ram Prakash, son of Late Sh. Nand Lal, aged about 56 years, occupation Chief Engineer (Commercial), Vidyut Bhawan, HPSEB Limited, Shimla-171004, do hereby solemnly affirm and declare that I have gone through the contents of the accompanying reply and that the contents of same are true and correct to the best of my personal knowledge as derived from the official record.

I further solemnly affirm and verify that the contents of this affidavit are true and correct to the best of my personal knowledge, no part of it is false and nothing material has been concealed therein.

Verified and signed at Shimla on this 23rd day of February, 2021.

Witness: 
Udit Singh
1).....A.E.(SERC/IT).....


Anurag Kumar
2).....JE(SERC/IT).....


Dependent
Chief Engineer (Comm.)
HPSEBL, Vidyut Bhawan
Shimla-4