

BEFORE THE HIMACHAL PRADESH
ELECTRICITY REGULATORY COMMISSION,
SHIMLA

PETITION FOR
DETERMINATION OF AVERAGE POOLED
PURCHASE COST FOR FY 2019-20



SEPTEMBER 2019

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

*Presented
(without fee)
on 15-10-2019*

[Signature]
RECEIVING OFFICER
HPERC, Kasumpti
Shimla-171009

15/10/19

**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 2019-20.

AND

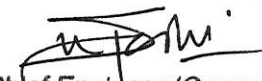
Himachal Pradesh State Electricity Board Limited
(hereinafter referred to as "HPSEBL" or "The
HPSEBL"), Vidyut Bhawan, Shimla - 171004

- 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 2019-20.

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

The petition pertains to determination of Average Pooled Power Purchase Cost (APPC) for the financial year 2019-20 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 2019-20.

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 19 are provisional as the details of bills from some of ISTS sources are yet to be received.

In view of above, the Average pooled power purchase cost is computed for FY 20 electricity purchased in FY 19 and in accordance with the following:-

- (1) The arrears pertaining to past periods, which were paid in FY 2018-19, 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 for 3rd control period from dated 10.06.2014 for Generation Business of HPSEBL.
- (5) The Forward (inward) Banking at zero cost has been considered as approved by Hon'ble Commission in previous order.
- (6) The power from Shanan (1 MW) HEP has been considered at zero cost as the bills have not been accepted by HPSEBL due to purchase rate dispute.
- (7) Methodology laid down in the Commission's Orders dated 16.07.2012

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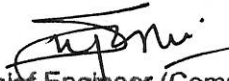

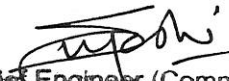

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Table 1: APPC Rate for FY 20 (Petition)


Power Purchase Cost (In Rs. Crores)			
FY 2018-19			
PP Cost from HPSEBL Stations (above 25 MW)			
Stations	MUs	P./U	Rs. Cr
Bhabha	587.94	78	45.86
Bassi	291.59	79	23.04
Giri	214.96	90	19.35
Larji	525.22	224	117.65
Total	1,619.71	127	205.89
PP Cost from BBMB Stations			
Stations	MUs	P./U	Rs. Cr
BBMB Old	43.80	122	5.34
BBMB New	509.21	51	25.94
Dehar			
Pong			
Total	553.01	57	31.29
PP Cost from NTPC Stations			
Stations	MUs	P./U	Rs. Cr
Anta(GF)	28.29	473	13.37
Anta(LF)	1.10	1,295	1.42
Anta (RF)	52.07	810	42.16
Auraiya(GF)	43.08	537	23.12
Auraiya(LF)	3.14	1,102	3.46
Auraiya(RF)	38.73	996	38.58
Dadri(GF)	211.06	373	78.76
Dadri(LF)	7.69	1,180	9.08
Dadri(RF)	61.19	883	54.05
Unchahar-I	166.42	313	52.10
Unchahar-II	174.11	341	59.31
Unchahar-III	75.87	395	29.96
Unchahar-IV	3.90	361	1.41
Rihand-1 STPS	262.69	215	56.45


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Power Purchase Cost (In Rs. Crores)			
	FY 2018-19		
Rihand-2 STPS	254.20	202	51.39
Rihand-3 STPS	267.01	273	72.78
Kahalgoan II	150.25	335	50.30
Singrauli STPP	76.09	160	12.18
Dadri II TPS	171.20	358	61.33
Jhajjar STPS	0.00	-	0.00
Koldam HEP	437.12	580	253.31
Total	2485.21	388	964.53
PP Cost from NHPC Stations			
Stations	MUs	P./U	Rs. Cr
Chamera-I	63.67	203	12.95
Chamera-II	48.66	221	10.74
Parbati III	0.05	1,150	0.06
Dhauli Ganga	37.97	252	9.56
Salal	31.93	224	7.16
Tanakpur	11.99	441	5.28
Uri	79.00	202	15.97
Total	273.27	226	61.72
PP Cost from Other Stations			
Stations	MUs	P./U	Rs. Cr
NAPP	90.01	321	28.87
RAPP	112.57	406	45.68
Nathpa Jhakri SoR	150.23	273	41.01
Nathpa Jhakri Equity	1406.52	264	371.58
Shanan (1 MW)	5.26	-	0.00
Shanan Extn (45 MU)	45.00	21	0.93
Yamuna (UJVNL)	410.13	105	43.01
Khara	55.00	75	4.10
Baspa-II	1110.09	157	174.28
Rampur HEP SOR Share	43.12	426	18.37
Rampur HEP 26.10% Equity Share	459.67	389	178.97

Power Purchase Cost (In Rs. Crores)			
	FY 2018-19		
Kasang HEP	10.99	223	2.45
Total	3898.58	233	909.25
PP Cost of GoHP free Power			
Stations	MUs	P./U	Rs. Cr
Baira Suil	1.06	248	0.26
Chamera-I	5.90	248	1.46
Chamera -II	3.75	248	0.93
Chamera -III	3.05	248	0.76
Parbati-III	1.87	248	0.46
Koldam HEP	13.88	248	3.44
Shanan Share	2.63	248	0.65
Ranjeet Sagar Dam	66.41	248	16.47
Malana	62.13	248	15.41
Baspa - II	151.38	248	37.54
Nathpa Jhakri	33.85	248	8.39
Rampur HEP	8.59	248	2.13
Karcham Wangtoo	-	-	-
Kasang HEP	20.35	248	5.05
Chanju I (36MW)	19.64	248	4.87
Private Micros (Upto 5 MW)	16.20	248	4.02
Private Micros (Above 5 MW)	100.86	248	25.01
Ghanvi	10.49	248	2.60
Baner	4.61	248	1.14
Gaj	4.72	249	1.18
Khauli	5.23	248	1.30
Larji	71.62	248	17.76
Ghanvi-II	4.34	248	1.08
Total	612.54	248	151.91
PP Cost of REC Projects			
Stations	MUs	P./U	Rs. Cr
Upto 25 MW (REC Tariff)	210.02	225	47.25

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Power Purchase Cost (In Rs. Crores)			
	FY 2018-19		
Total	210.02	225	47.25
PP Cost of Market and Bilateral Purchase			
Stations	MUs	P./U	Rs. Cr
Advance Banking	214.35	-	-
Bilateral Purchase	(0.02)	-	(0.01)
IEX Purchase	497.64	415	206.68
Total	711.97	290	206.68
Grand Total	10,364.31	248.79	2578.53

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Prayers

HPSEBL Prays before the Hon'ble Commission to:

- a) Approve the APPC Rates of Rs. 2.49/unit for FY 20 as proposed.
- b) To make the APPC rates applicable with effect from 01st April, 2019.
- 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.

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Govt. of H.P.


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

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AND

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

- Applicant

AFFIDAVIT

I, Er. Shashi Kant Joshi, son of Late Sh. R. K. Joshi, aged about 56 years, resident of, Shimla-171003 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 petition and that the contents of the 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 14th day of Oct, 2019.

ATTESTED PUBLIC NOTARY GOVT. OF H.P.

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

Witness:

- 1. Er. UTTAM SINHA CHANDEL, JE, HPSEBL (O/o CE (Comm.))
2. Er. Hemant Kumar, JE, HPSEBL (O/o CE (Comm.))

Handwritten signature and date 14/10/19

Identified by Sl. Smt. DLNc HP-0620140004638 Dated 12/03/2014 Anurag Kumar

Certified that the contents of this affidavit/documents were read over to the deponent/s executant/s in vernacular, which He/She admits is true and correct at the time of making of it, the deponent/s/executants, is/are identified by Sh./Smt. Anurag Kumar

Public Notary Shimla 14.10.19