

BEFORE THE HON'BLE KERALA STATE ELECTRICITY REGULATORY COMMISSION

In the matter of: Petition under Regulation 78 of the KSERC (Terms and Conditions for Determination of Tariff) Regulations 2021 seeking approval for entering into an agreement for banking of power with the traders M/s. Arunachal Pradesh Power Corporation Pvt Ltd (APPCL) for banking of power during the period from 1st January 2024 to 15th April 2024 for managing the power deficit during the months.

KSEBL MOST HUMBLY STATES THAT:

1. Kerala State Electricity Board Limited files the instant petition seeking approval for entering into an agreement for banking of power with the traders M/s. Arunachal Pradesh Power Corporation Pvt Ltd for banking of power during the period from 1st January 2024 to 15th April 2024 for managing the power deficit from Jan 2024 to April 2024 and return period from 16th June 2024 to September 2024.
2. Considering the poor monsoon, drastic increase in the power demand and difficulty in obtaining power from market KSEBL had floated banking tender on 23.08.2023 for 500 MW RTC power with the supply period from September 2023 to May 2024 and return period from June'24 to September'24. Details of LGB attached as Annexure I.
3. Only two bidders participated in the tender floated above and the offered quantum and period was nominal. Provisional LoA was issued to M/s Arunachal Pradesh Power Corporation Pvt Ltd (APPCPL) for the supply of 150 MW RTC power during November 2023, 50 MW RTC Power during December 2023 and 100 MW RTC power during 1st to 15th March 2024. The return period of the order is from 11.06.2024 to 30.09.2024. For this KSEBL already submitted petition for the approval before KSERC.
4. Since the required quantum was not met with the above tender, in order to meet the deficit and to limit the daily financial outflow due to daily market purchase, KSEBL has decided to inviting one more banking tender for 300MW RTC power from January 2024 to May 2024 with return period from mid-June'24 to Sep'24.

5. Accordingly banking tender was invited on 31-10-2023, for the period from 01-01-2024 to 30-09-2024 in order to meet the expected power deficit during summer 2024 and to manage the expected energy surplus during Monsoon 2024 as shown below:

Supply Period			Return Period					
Month	Duration (hrs)	MW	Period	Duration (Hours)/ Max MW Return possible against each slot				
				00.00 to 05.00	05.00 to 08.30	08.30 to 18.30	18.30 to 22.30	22.30 to 24.00
Jan 24	RTC	300	15.06.2024 to 30.06.2024	400	400	400	50	400
Feb 24	RTC	300	01.07.2024 to 10.07.2024	500	500	600	60	500
March 24	RTC	300	11.07.2024 to 31.07.2024	600	600	600	70	600
April 24	RTC	300	01.08.2024 to 31.08.2024	600	600	600	70	600
May 24	RTC	300	01.09.2024 to 30.09.2024	600	600	600	50	600

6. The last date of submission of bid was extended twice, but no offers were received before the extended stipulated date.
7. Considering the critical power situation in the State in the coming summer, it was decided to explore all available offers/sources to ensure firm power during the coming summer months. It may be noted that, KSEBL had earlier entered SWAP arrangement with M/s. APPCPL and returned the power in time. Since KSEBL has promptly returned the power, KSEBL received various SWAP offers from M/s. APPCPL. Since KSEBL did not receive any offer from banking tender, it was decided to explore the possibility of entering SWAP arrangement with M/s. APPCPL.
8. Accordingly, M/s APPCPL was asked to ascertain whether their offer dated 16.09.2023 with LoI of PSPCL is still open and in response to the same vide letter dated 01.12.2023 the firm submitted a revised offer with 200 MW RTC firm power for January '24 to March '24 and 150 MW RTC for 1st to 15th April '24 with return period from 16th June'24 to September'24 with trading margin 3 Paisa/Unit and return percentage of 105 (Attached as Annexure II). In the meantime, offers were received from M/s Instant Ventures Pvt Ltd, M/s Shubheksha Advisors and M/s UPPCL.

9. The various offers received from traders are tabulated below;

Trader	Source	Basis	Duration	Offered Quantum (MW)	Supply Period	Return Period	Return Duration	Trade margin
Arrangement 1								
Arunachal Pradesh Power Corporation Pvt Ltd (APPCPL)	PSPCL	Firm	RTC	200	Jan-24	16th June to 30th September 2024	RTC	3 Paise/ Unit
				200	Feb-24			
				200	Mar-24			
				150	1st to 15th April			
Arrangement 2								
Arunachal Pradesh Power Corporation Pvt Ltd (APPCPL)	PSPCL	Day ahead/As and when available /required	RTC/Any time slot between 00.00 to 24.00 Hrs	Upto 300	Jan-24	16th June to 30th September 2024	RTC	3 Paise/ Unit
					Feb-24			
					Mar-24			
					Apr-24			
					May-24			
Instant Ventures Pvt Ltd	BYPL(LoI not furnished)	Firm	00.00 to 04.00 Hrs & 20.00 to 24.00 Hrs	100	Jan-24	01.06.2024 to 15.06.2024 & 01.09.2024 to 15.09.2024	00.00 to 04.00 Hrs & 20.00 to 24.00 Hrs	2 Paise/ Unit
			RTC	50	Feb-24			
Arrangement 1								
Shubheksha Advisors	PSPCL	As and when available	Any time slot between 00.00 to 24.00 Hrs	Upto 410	Dec-23	1st July to 30th September 2024	RTC	4 Paise/ Unit
					Jan-24			
					Feb-24			
					Mar-24			
	Arrangement 2							
UPPCL					Dec-23	1st July to 30th September 2024	RTC	4 Paise/ Unit
					Jan-24			
					Feb-24			
					Mar-24			
UPPCL					Oct 23 to March 2024	May to September 2024	19.00 to 05.00 Hrs	

10. The offer of M/s APPCPL (Arrangement 1) with LoI of PSPCL is most favorable to KSEBL compared to other offers as the firm power of 200MW quantum was offered by them and the period covers up to 15th April'24. M/s APPCPL was approached for some more quantum of firm power up

to May'24 and to shift the SWAP return from 16th June'24 to 1st July'24. But they informed that the supply quantum offered to KSEBL is final and suggested to return at least 50 MW power during the 2nd fortnight of June'24 and the remaining quantum uniformly distributed in the balance period i.e from 1st July'24 to 30th September'24.

11. Thus, the final banking schedule with M/s APPCPL is as follows;

Trader	Source	Basiss	Quantum & Supply period (MW)	Return Period	Return percentage(%)	Trade margin
Arunachal Pradesh Power Corporation Pvt Ltd (APPCPL)	PSPCL	Firm	200 MW RTC 1st January'24 to 31st March'24 and 150 MW RTC from 1st to 15th April	50 MW RTC 16th to 30th June'24 and balance quantum(RTC) 1st July'24 to 30th September '24	105	3Paise/ Unit

12. Considering the forthcoming election, shortage in availability of power through market and huge power deficit forecasted in the LGB, Provisional LoA was issued to M/s. APPCL. (Attached as Annexure III) subject to approval of KSERC.

13. As per Regulation 78 of the KSERC (Terms and Conditions for Determination of Tariff) Regulations 2021, approval of Hon'ble Commission is required for short-term power procurement agreement or arrangement by way of exchange of energy under banking transactions, Therefore, the instant petition is filed seeking approval of Hon'ble Commission for entering into an agreement for banking of power with the traders M/s. Arunachal Pradesh Power Corporation Pvt Ltd for banking of power during the period from 1st January 2024 to 15th April 2024 for managing the power deficit from Jan 2024 to April 2024 and return period from 16th June 2024 to September 2024.

Prayer

14. KSEBL humbly request Hon'ble Commission to grant approval for entering into an agreement for banking of power with the traders M/s. Arunachal Pradesh Power Corporation Pvt Ltd for banking of power during the period from 1st January 2024 to 15th April 2024 for managing the power deficit from Jan 2024 to April 2024 and return period from 16th June 2024 to September 2024.

Chief Engineer (Commercial & Tariff)

Annexure 1.

Jan'24	00:00 to 05:00	05:00 to 08:00	08:00 to 14:00	14:00 to 18:00	18:00 to 22:00	22:00 to 24:00
Demand (MW)	3050	3275	3350	3600	4300	3750
Availability						
Hydro	150	200	150	300	1550	650
CGS	1298	1298	1298	1298	1298	1298
LTA	571	571	571	571	571	571
DEEP	175	175	175	175	175	175
MTOA	260	260	260	260	260	260
SWAP Ret	0	0	0	0	0	0
REMC	20	40	80	80	20	20
Wind+Solar	5	55	180	225	10	5
Others	50	50	50	50	50	50
Total	2529	2649	2764	2959	3934	3029
Surp(+)/Def(-)	-521	-626	-586	-641	-366	-721
Feb'24	00:00 to 05:00	05:00 to 08:00	08:00 to 14:00	14:00 to 18:00	18:00 to 22:00	22:00 to 24:00
Demand (MW)	3150	3450	3400	3710	4378	3895
Availability						
Hydro	250	200	150	350	1550	800
CGS	1307	1307	1307	1307	1307	1307
LTA	571	571	571	571	571	571
DEEP	250	250	250	250	250	250
MTOA	260	260	260	260	260	260
SWAP Ret	0	0	0	0	0	0
REMC	20	40	80	80	20	20
Wind+Solar	5	75	200	230	15	5
Others	50	50	50	50	50	50
Total	2713	2753	2868	3098	4023	3763
Surp(+)/Def(-)	-437	-697	-532	-612	-355	-132
Mar'24 (1 to 15)	00:00 to 05:00	05:00 to 08:00	08:00 to 14:00	14:00 to 18:00	18:00 to 22:00	22:00 to 24:00
Demand (MW)	3851	3684	3834	4196	4800	4630
Availability						
Hydro	450	200	220	600	1550	1200
CGS	1400	1400	1400	1400	1400	1400
LTA	571	571	571	571	571	571
DEEP	225	225	225	225	225	225
MTOA	260	260	260	260	260	260
SWAP	96	96	96	96	96	96
REMC	20	40	80	80	20	20

Wind+Solar	5	75	200	230	15	5
Others	50	50	50	50	50	50
Total	3077	2917	3102	3512	4187	3827
Surp(+)/Def(-)	-774	-767	-732	-684	-613	-803
Mar'24 (16-31)	00:00 to 05:00	05:00 to 08:00	08:00 to 14:00	14:00 to 18:00	18:00 to 22:00	22:00 to 24:00
Demand (MW)	3851	3684	3834	4196	4800	4630
Availability						
Hydro	450	200	220	600	1550	1200
CGS	1400	1400	1400	1400	1400	1400
LTA	571	571	571	571	571	571
DEEP	225	225	225	225	225	225
MTOA	260	260	260	260	260	260
SWAP Ret	0	0	0	0	0	0
REMC	20	40	80	80	20	20
Wind+Solar	5	75	200	230	15	5
Others	50	50	50	50	50	50
Total	2981	2821	3006	3416	4091	3731
Surp(+)/Def(-)	-870	-863	-828	-780	-709	-899
Apr'24	00:00 to 05:00	05:00 to 08:00	08:00 to 14:00	14:00 to 18:00	18:00 to 22:00	22:00 to 24:00
Demand (MW)	4531	4062	4119	4554	5371	5309
Availability						
Hydro	600	400	300	750	1550	1300
CGS	1450	1450	1450	1450	1450	1450
LTA	571	571	571	571	571	571
DEEP	250	250	250	250	250	250
MTOA	260	260	260	260	260	260
SWAP Ret	0	0	0	0	0	0
REMC	20	40	80	80	20	20
Wind+Solar	5	75	200	230	15	5
Others	50	50	50	50	50	50
Total	3206	3096	3161	3641	4166	3906
Surp(+)/Def(-)	-1325	-966	-958	-913	-1205	-1403
May'24	00:00 to 05:00	05:00 to 08:00	08:00 to 14:00	14:00 to 18:00	18:00 to 22:00	22:00 to 24:00
Demand (MW)	4326	4054	4095	4451	5281	5175
Availability						
Hydro	600	400	300	750	1550	1300
CGS	1315	1315	1315	1315	1315	1315
LTA	571	571	571	571	571	571
DEEP	250	250	250	250	250	250
MTOA	260	260	260	260	260	260
SWAP Ret	0	0	0	0	0	0

REMC	20	40	80	80	20	20
Wind+Solar	5	75	200	230	15	5
Others	50	50	50	50	50	50
Total	3071	2961	3026	3506	4031	3771
Surp(+)/Def(-)	-1255	-1093	-1069	-945	-1250	-1404