



CENTRAL POWER PURCHASING AGENCY GUARANTEE LIMITED

(A Company of Government of Pakistan)

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No. CPPA-G/2022/CFO/17792-93

Dated: October 13, 2022

The Registrar NEPRA
NEPRA Tower Ataturk Avenue (East),
Sector G-5/1, Islamabad.

SUBJECT: XWDISCOs' ENERGY PURCHASE DATA FOR MONTH OF SEPTEMBER 2022.

With reference to the FCA mechanism provided in XWDISCOs' tariff determination, please find attached the Energy Data for the month of September 2022. The soft copy of the FCA Claim along with the EPP invoices is also being sent to NEPRA for its consideration.

[Handwritten Signature]
13/10/22
CHIEF FINANCIAL OFFICER

- CC:
- ✓ Chief Executive Officer, CPPA-G.
 - ✓ Master File

Tariff Division Record
By No. 6170
Dated: 17-10-22

For information & data pl

- ~~Director~~
- ADG (T)
- MR

cel Chairman

- m (MER/CA)
- m (Li. IT)

REGISTRAR OFFICE
Diary No: 10670
Date: 14/10/2022



CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 2002 POWER POLICY

FOR THE MONTH OF SEPTEMBER 2022

This is to certify that:-

- 1) All purchases have been made from Generation Companies having valid generation License issued by NEPR.A.
- 2) Invoices of all Electricity Purchases have been processed in accordance with the rates, terms & conditions as determined by NEPR.A. Payments related to periodical adjustments are also made as per decision of NEPR.A.
- 3) The above statement is true, based on facts and from verifiable documentary evidence. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising out of any misstatement under NEPR.A Act and its Rules & Regulations.


DGM Technical


GMF (CPPA-G)



CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)


FOR THE MONTH OF SEPTEMBER 2022

This is to certify that: -

- i) All purchases have been made from IPPs under 1994 Policy, including HUBCO, KAPCO & Chasnupp and excluding Tavanir, having valid generation license issued by NEPRA.
- ii) Invoices of all Electricity Purchases have been made strictly in accordance with the rates, terms & conditions as stipulated in the respective Power Purchase Agreements.
- iii) All payments to IPPs are being made after observing all formalities provided in the respective Power Purchase Agreements.
- iv) All purchases have been made in accordance with the Power Purchase Agreement.

The above statement is true, based on facts and from verifiable documentary evidence. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising out of any misstatement under NEPRA Act and its Rules & Regulations.


DGM Technical


DGMF-II (CPPA-G)

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of September 2022

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VO&M Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VO&M (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (Rs.)
				A	B	C	D=B+C	E	F	G=E+F	H	I=B+E+H	J=C+F	K=I+J
1	Hydel													
	WAPDA	Hydel	6,902	3,143,885,584		214,749,110	214,749,110		(496,539)	(496,539)			214,252,571	214,252,571
	Jagran	Hydel	30	9,789,178		25,353,871	25,353,871						25,353,871	25,353,871
	Pehure	Hydel	18											
	Malakand-III SHYDO	Hydel	81	14,506,730		4,594,281	4,594,281						4,594,281	4,594,281
	Laralab	Hydel	84	22,272,900		6,900,144	6,900,144						6,900,144	6,900,144
	Star Hydro	Hydel	147	46,607,700		10,747,735	10,747,735						10,747,735	10,747,735
	Head Maratta	Hydel	8	1,145,934										
	Neelum Jhelum	Hydel	969											
	Tarbela Ext. 4	Hydel	1,478	919,069,380		123,155,297	123,155,297						123,155,297	123,155,297
	Mira Power Limited	Hydel	101	34,850,890		6,764,558	6,764,558						6,764,558	6,764,558
	Daral Khwar	Hydel	37	1,125,370					(147,727,685)	(147,727,685)			(23,329,901)	(23,329,901)
	Karof Power Company (Pvt.) Limited	Hydel	720	210,558,200		124,397,784	124,397,784						27,687,338	27,687,338
	Ranolila Hydro Power Complex	Hydel	17											
	Hydel Total:		10,592	4,403,812,866		516,662,880	516,662,880		(120,536,886)	(120,536,886)			396,125,894	396,125,894
	Ex-WAPDA GENCOs													
	GENCO-I ***													
	Jamshoro Block 1	RFO	182											
	Unit 1	Gas												
	Jamshoro Block 2	RFO	467					281,304,694		281,304,694		281,304,694		281,304,694
	Unit-2	RFO												
	Gas													
	RLNG													
	Unit-3	RFO												
	Gas													
	RLNG													
	Unit-4	RFO												
	Gas													
	RLNG													
	Unit-4	RFO												
	Gas													
	RLNG													
	Kotri 3-7	RFO	0											
	Gas													
	Jamshoro Block 4	Gas												
	Jamshoro Total		649					281,304,694		281,304,694		281,304,694		281,304,694
	GENCO-II ***			138,897,331	1,489,998,461	9,570,026	1,499,568,487					1,489,998,461	9,570,026	1,499,568,487
	Guddu CC Block 1 (OC)	Gas	390									405,625,521	3,439,704	409,065,225
	Central Block 2 (CC)	Gas		49,823,141	405,625,521	3,439,704	409,065,225					1,084,372,941	6,130,322	1,090,503,262
	Guddu (DC) Block-2	Gas	530											
	Block 3 (unit 3&4)	Gas												
	Guddu 747 (CC)	Gas	721	306,612,000	2,720,445,631	235,018,098	2,955,463,729					2,720,445,631	235,018,098	2,955,463,729
	Central Total		1,641	445,509,331	4,210,444,092	244,588,124	4,455,032,217					4,210,444,092	244,588,124	4,455,032,217
	GENCO-III ***													
	Northern Block 1													
	Unit 1	RFO	556											
	Unit 2	RFO												
	Unit 3	RFO												
	Unit 1	Gas												
	Unit 2	Gas												
	Unit 3	Gas												
	Unit 1	RLNG												
	Unit 2	RLNG												
	Unit 3	RLNG												
	Unit 3	RLNG												
	Northern Block 2													
	Block-2 Unit 4	RFO	272											
	Block-2 Unit 4	GAS												
	Block-2 Unit 4	RLNG												
	Northern Block 3													
	Block-3 Unit 5	RFO	355											
	Block-3 Unit 5	Gas												
	Block-3 Unit 5	RLNG												
	Block-3 Unit 6	RFO												
	Block-3 Unit 6	Gas												
	Block-3 Unit 6	RLNG												
	Northern Block 4													
	Northern Block 5	RFO	117											
	Northern Block 5	Gas	97											
	Northern Block 6	Gas	75											
	Nandipur	RLNG	411	159,262,000	4,495,816,268	83,803,665	4,579,619,933		(3,632,368)	(3,632,368)		4,495,816,268	80,171,297	4,579,816,268
	Northern Total:		1,884	159,262,000	4,495,816,268	83,803,665	4,579,619,933		(3,632,368)	(3,632,368)		4,495,816,268	80,171,297	4,579,816,268
	GENCO-IV													
	LAKHRA	Coal	31											
	Sub-Total:		31											
	GENCOs Total:-		4,204	604,771,331	8,706,260,360	328,391,789	9,034,652,150	281,304,694	(3,632,368)	277,672,326		8,987,565,054	324,759,421	9,312,324,476
3	IPPs													
	1													
	Kot Addu Block 1	RFO	325	81,038,094	2,716,521,386	71,094,875	2,787,616,261	(2)	(898,903)	(898,905)		2,716,521,384	70,195,972	2,786,717,356
		RLNG		4,582		2,317	131,659					129,342	2,317	131,659
		HSD												
	Kot Addu Block 2	RFO	762	30,553,824	1,081,558,743	37,731,391	1,119,290,134					1,081,558,743	37,731,391	1,119,290,134
		RLNG												
		HSD												
	Kot Addu Block 3	RLNG	249											
		HSD												
	KAPCO Total		1,338	111,596,500	3,798,209,471	108,828,583	3,907,038,054	(2)	(898,903)	(898,905)		3,798,209,469	107,929,680	3,906,139,149
	2													
	Hub Power	RFO	1,208	86,270,700	3,544,263,348	24,437,495	3,568,700,843					3,544,263,348	24,437,495	3,568,700,843
	3													
	Kohinoor Energy	RFO	124	60,485,000	2,008,111,360	68,978,154	2,077,089,514		(6)	(6)		2,008,111,360	68,978,148	2,077,089,508
	4													
	AES Lalpir	RFO	350	96,142,100	3,788,256,209	31,407,124	3,819,863,333	(6)	(368)	(375)		3,788,256,203	31,406,755	3,819,662,958
	5													
	Pak Gen Power Limited	RFO	350	134,021,200	5,290,665,118	43,781,242	5,334,446,360	(36)	(320)	(356)		5,290,665,082	43,780,922	5,334,446,004

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of September 2022

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VO&M Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VO&M (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (Rs.)	
31	Foundation Wind Energy-II (Pvt.) Limited	Wind	50	11,170,670	-	-	-	-	-	-	-	-	-	-	
32	Master Green Energy Limited	Wind	50	15,769,200	-	-	-	-	-	-	-	-	-	-	
33	Lucky Renewables (Private) Limited	Wind	50	15,290,420	-	-	-	-	-	-	-	-	-	-	
34	ACT2 DIN Wind (Pvt) Ltd.	Wind	50	15,607,740	-	-	-	-	-	-	-	-	-	-	
35	Artistic Wind Power (Pvt) Ltd.	Wind	50	14,750,450	-	-	-	-	-	-	-	-	-	-	
36	Indus Wind Energy Ltd.	Wind	50	16,070,860	-	-	-	-	-	-	-	-	-	-	
37	Lakeside Energy Limited	Wind	50	14,915,180	-	-	-	-	-	-	-	-	-	-	
38	Liberty Wind Power-I Ltd.	Wind	50	13,404,970	-	-	-	-	-	-	-	-	-	-	
39	DIN Energy Ltd.	Wind	50	13,445,960	-	-	-	-	-	-	-	-	-	-	
40	Gul Ahmed Electric Limited	Wind	50	15,824,390	-	-	-	-	-	-	-	-	-	-	
41	Zhenfa Pakistan New Energy Company Limited	Solar	50	18,007,200	-	-	-	-	-	-	-	-	-	-	
42	Liberty Wind Power-II (Pvt.) Ltd.	Wind	100	14,137,270	-	-	-	-	-	-	-	-	-	-	
43	NASDA Green Energy Limited	Wind	50	15,605,520	-	-	-	-	-	-	-	-	-	-	
44	Metro Wind Power Limited	Wind	50	22,712,950	-	-	-	-	-	-	-	-	-	-	
45	SPPs	Mixed	257	15,884,443	74,244,992	-	74,244,992	-	-	-	-	74,244,992	-	74,244,992	
Sub-Total				2,643	564,454,248	74,244,992	74,244,992	-	-	-	-	74,244,992	-	74,244,992	
G-Total:				39,760	12,877,823,993	127,629,595,321	4,104,395,722	131,733,991,043	(20,386,313)	(685,231,329)	(705,617,642)	-	127,609,209,008	3,419,164,393	131,028,373,401
Summary															
1	Hydel			4,403,812,866	-	516,662,880	516,662,880	-	(120,536,886)	(120,536,886)	-	-	396,125,994	396,125,994	
2	Coal			1,449,203,800	26,056,113,822	721,882,130	26,777,995,952	274,732,955	(622,935,443)	(348,202,488)	-	26,330,846,777	88,946,688	26,429,793,464	
3	HSD			-	-	-	-	-	-	-	-	-	-	-	
4	F.O.			1,080,475,804	37,399,837,271	1,286,694,021	38,686,531,292	500,438,120	60,288,104	560,726,224	-	37,900,275,391	1,346,982,125	39,247,257,516	
5	Gas			1,205,504,550	12,957,791,803	690,894,170	13,648,485,974	108,136,836	(1,881,262)	106,255,574	-	13,085,928,640	688,812,908	13,754,741,548	
6	RLNG			1,821,176,279	47,411,871,809	857,393,660	48,269,265,469	(903,684,988)	(3,633,331)	(907,318,319)	-	46,508,186,821	853,760,329	47,361,947,150	
6	Nuclear			2,285,514,000	2,354,101,474	-	2,354,101,474	-	-	-	-	2,354,101,474	-	2,354,101,474	
7	Import from Iran			53,653,000	1,172,063,198	-	1,172,063,198	(42)	-	(42)	-	1,172,063,156	-	1,172,063,156	
8	Wind Power			466,879,335	-	-	-	-	-	-	-	-	-	-	
9	Solar			81,690,470	-	-	-	-	-	-	-	-	-	-	
10	Bagasse			34,029,446	203,570,953	31,068,860	234,639,813	(9,195)	3,467,489	3,458,295	-	203,561,758	34,536,349	238,098,107	
11	Mixed			15,884,443	74,244,992	-	74,244,992	-	-	-	-	74,244,992	-	74,244,992	
Totals For the Month				12,877,823,993	127,629,595,321	4,104,395,722	131,733,991,043	(20,386,313)	(685,231,329)	(705,617,642)	-	127,609,209,008	3,419,164,393	131,028,373,401	
Prev. Adjustments :				(7,624,495)	(20,386,313)	(685,231,329)	(705,617,642)	-	-	-	-	-	-	-	-
GRAND TOTALS :				12,870,199,498	127,609,209,008	3,419,164,393	131,028,373,401	-	-	-	-	-	-	-	-

Energy Cost (Rs.)	127,609,209,008	3,419,164,393	131,028,373,401
Cost not chargeable to DISCOs (Rs.)	947,237,695	-	947,237,695
EPP (Chargeable) (Rs.)	126,661,971,313	3,419,164,393	130,081,135,706
Energy Sold (KWh)	12,520,981,213	12,520,981,213	12,520,981,213
Avg. Rate (Rs./KWh)	10.1160	0.2731	10.3891
Reference Rate (Rs./KWh)	9.9114		
FCA Rate (Rs./KWh)	0.2046		

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of September 2022

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Cost component as determined by Authority (Rs./kWh)	Fuel Cost as per NEPRA Approved Rate (Rs.)	Heat Degradation Factor (Dh) Rs.	Load Correction Factor (kL) Rs.	Any other Cost as per PPA (Rs.)	Fuel Charges Rs.
A										B
1	Foundation Power Company Daharki Ltd.	Gas	171	113,159,007	6.6247	749,646,220	31,485,141	2,232,400	-	783,363,761
2	Orient Power Company (Private) Limited	RLNG	213	32,442,958	25.3934	823,837,010	25,703,715	137,955,843	-	987,496,567
3	Saif Power Limited	RLNG	204	69,282,209	25.3947	1,759,401,068	23,751,914	241,817,388	-	2,024,970,370
4	Engro Powergen Qadirpur Limited	Gas	213	75,358,836	7.1224	536,736,685	8,051,050	63,515,638	-	608,303,373
5	Sapphire Electric Company Limited	RLNG	203	37,623,830	25.7743	969,726,986	30,255,482	147,792,978	-	1,147,775,446
6	Uch-II Power (Pvt.) Limited	Gas	381	217,362,276	8.4069	1,827,336,267	60,302,097	1,037,690	-	1,888,676,054
7	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	459,302,600	21.1054	9,693,765,093	191,936,548	1,044,856,888	-	10,930,558,529
8	National Power Parks Management Company Private	RLNG	2,550	1,063,258,100	23.7214	25,221,927,646	499,394,167	2,103,803,473	-	27,825,125,286
IPPs Total:-			5,115	2,067,789,816		41,582,376,975	870,880,114	3,743,012,297	-	46,196,269,386

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	Sep, 2022	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	1,153,143	
			Cost (Rs.)	-	
	DISCO's Total:-	5.00	Energy	1,153,143	-
			Cost (Rs.)	-	
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy	1,166,500.00	5.04
			Cost (Rs.)	5,879,100	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	13,564,800	5.04
			Cost (Rs.)	68,365,892	
	DISCO's Total:-	56.80	Energy	14,731,300	5.04
			Cost (Rs.)	74,244,992	
G-Total		61.80	Energy	15,884,443	4.67
			Cost (Rs.)	74,244,992	