

National Electric Power Regulatory Authority Islamic Republic of Pakistan

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No. NEPRA/ADG(Tariff)/TRF-44/CPGCL-2005/ 35758-62

October 30, 2023

Subject: Decision of the Authority in the matter of Adjustment in the Energy Charge Part of the Tariff relating to Gas w.e.f. 9th February 2016 to 31st December 2022 for Central Power Generation Company Ltd. (CPGCL)

Enclosed please find herewith the subject decision of the Authority along with Schedule of Fuel Cost Part of Energy Charge, applicable w.e.f. 9th February 2016 to 31st December 2022 at Annex-I (total 06 pages) regarding the adjustment in the fuel portion of energy charge part of Tariff on account of fuel price variation for Gas in respect of Central Power Generation Company Ltd.

The Decision is being intimated to the Federal Government for the purpose of notification in the official Gazette pursuant to Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 within 30 days from the intimation of this Decision. In the event the Federal Government fails to notify the subject tariff Decision or refer the matter to the Authority for reconsideration, within the time period specified in Section 31(7), then the Authority shall notify the same in the official Gazette pursuant to Section 31(7) of NEPRA Act.

Enclosure: As above

(Engr. Mazhar Iqbal Ranjha)

Secretary,

Ministry of Energy (Power Division), 'A' Block, Pak Secretariat, Islamabad

Copy to: (alongwith copy of subject Decision):

- 1. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad
- 2. Secretary, Ministry of Finance, 'Q' Block, Pak Secretariat, Islamabad.
- 3. Chief Executive Officer, Central Power Purchasing Agency Guarantee Limited, Shaheen Plaza, 73-West, Fazl-e-Haq Road, Islamabad.
- 4. Chief Executive Officer, Central Power Generation Company Ltd. (CPGCL) Guddu Thermal Power Station, Guddu (Kashmore)



DECISION OF THE AUTHORITY IN THE MATTER OF ADJUSTMENT IN THE ENERGY CHARGE PART OF THE TARIFF RELATING TO GAS W.E.F. 9TH FEBRUARY 2016 TO 31ST DECEMBER 2022 FOR CENTRAL POWER GENERATION COMPANY LIMITED.

- 1. Pursuant to the Authority's decision dated February 24, 2006 in respect of generation tariff for Central Power Generation Company Ltd (CPGCL), the fuel portion of energy charge part of tariff of CPGCL is required to be adjusted for variation in gas price(s).
- 2. Oil and Gas Regulatory Authority (OGRA) vide its notification No. 10-9(122)/2016 dated November 30, 2021 has determined wellhead gas price(s) effective from 9th February 2016 to 31st December 2022 for Mari Petroleum Company Ltd which is gas supplier of CPGCL. Accordingly, CPGCL vide its letters dated February 21, 2023 and September 22, 2023 submitted request on the basis of notified/invoiced wellhead gas price(s) for revision of Fuel Cost Components (FCCs).
- 3. The Authority in its collective and joint wisdom decided with consensus as under; which will be hereafter called as decision of the Authority in the matter:-
 - "Based on OGRA's last notified gas price and wellhead gas prices, FCCs have been revised on the basis of weighted average gas prices. The block-wise revised FCCs of energy charge part of CPGCL's tariff are indicated at Annex-I and shall be immediately applicable on units delivered basis."
- 4. The instant decision shall supersede the relevant decisions of the Authority dated October 2, 2015 (with extent to FCC applicability from 9th February 2016 onwards), May 25, 2016, January 25, 2017, March 2, 2018, September 10, 2018, January 3, 2019, February 7, 2019, August 29, 2019, October 16, 2020, December 29, 2020, December 29, 2022 and April 4, 2023.
- 5. The revised fuel cost components of energy charge part of tariff attached as **Annex-I** are to be notified in the official Gazette, in accordance with the provision of Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997.
- 6. CPPA (G) to ensure that all payments are consistent with the tariff determination.

AUTHORITY

Mathar Niaz Rana (nsc)

Member

Engr. Maqsood Anwar Khan

Member

Engr. Rafique Ahmed Shaikh

Member

Amina Ahmed

Member

Waseem Mukhtar Chairman

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Central Power Generation Company Limited Schedule of Fuel Cost Part of Energy Charge

Adjustment on Account of Fuel Price Variation for Gas

St. March 2016	Blocks	Description		Reference Gas Price (Rs./MMBTU)	Reference Fuel Cost Component (Rs./kWh) (Feb 24, 2006)
III Guddu Units 3-4 2.6048 2.7908 1.7908 1.7908 2.6048 2.7908 2.79	I	Guddu	Units 11-13		1.9537
Ill Guddu Units 3-4 2.6048	II	Guddu Units 5-10] 228.96	2,1707
Period Blocks Description Revised Gas Price (Rs./MMBTU) Component (Rs./kWh)				220.70	
Period Blocks Description Price (Rs./MMBTU) Component (Rs./kWh)	IV	Guddu	Units 1-2	L	2 <u>.790</u> 8
9th February 2016 III Guddu Units 5-10 17.9637 17.9637 17.9637 17.9637 17.9637 17.9637 17.9637 17.9637 17.9637 17.9637 18.5322 18.5322 18.5322 18.5322 18.5322 18.5322 18.5322 18.5322 19.5322	Period	Blocks	Description	Price	
St. March 2016					5.9730
III Guddu Units 1-2 8.5323	9th February 2016		Guddu Units 5-10	700.00	
St March 2016			Guddu Units 3-4	'''''	7.9637
Ist March 2016		IV	Guddu Units 1-2		8.5323
Ist March 2016		I	Guddu Units 11-13		5.9730
III Guddu Units 1-2 8.5322 1 Guddu Units 1-13 6.0840 1 Guddu Units 1-14 1 Guddu Units 1-15 Guddu Units 1-15 1 Guddu Units 1-15 Guddu Units	1st March 2016	П	Guddu Units 5-10	700.00	6.6365
Ist April 2016	1st Watch 2010	III	Guddu Units 3-4] /00.00 [7.9637
Ist April 2016		IV	Guddu Units 1-2		8.5323
1st April 2016		I	Guddu Units 11-13		6.0840
St April 2016	1	II			6.7597
IV Guddu Units 1-2 8.6908	1st April 2016	III		/13.00	8.1116
Ist May 2016		ΙV			8.6908
1st May 2016		I	Guddu Units 11-13		6.0840
St. May 2016		II			6.7597
IV Guddu Units 1-2 8.6908 6.0840 6.7597 1 Guddu Units 11-13 6.0840 1 I Guddu Units 11-13 1 Guddu Units 11-13 6.0840 1 I Guddu Units 11-13 1 Guddu Units 11-13 I Gudd	1st May 2016	III		713.00	8.1116
St June 2016					8.6908
St June 2016		1	C., 14., 11., 12.		6.0940
St June 2016				-	
IV Guddu Units 1-2 8.6908	1st June 2016			713.00	
1 Guddu Units 11-13 6.0840					····
1st July 2016 II Guddu Units 5-10	<u> </u>				
St July 2016 III Guddu Units 3-4 1V Guddu Units 1-2 8.6908				-	
IV Guddu Units 1-2 8.6908 Guddu Units 11-13 G.0840 II Guddu Units 5-10	1st July 2016			713.00	
Ist August 2016					
Section Sect					
St August 2016					
IV Guddu Units 1-2 8.6908	1st August 2016			713.00	
I Guddu Units 11-13 6.0840					
1st September II Guddu Units 5-10 713.00 6.7597			Guddu Units 1-2		
2016 III Guddu Units 3-4 713.00 8.1116 IV Guddu Units 1-2 8.6908					
III Guddu Units 3-4 8.1116				713.00	
I Guddu Units 11-13 6.0840	2016				
1st October 2016 II Guddu Units 5-10 713.00 6.7597 III Guddu Units 3-4 8.1116 IV Guddu Units 1-2 8.6908 I Guddu Units 11-13 6.0840 1st November II Guddu Units 5-10 6.7597		IV	Guddu Units 1-2		8.6908
Ist October 2016 III Guddu Units 3-4 713.00 8.1116 IV Guddu Units 1-2 8.6908	1st October 2016	I	Guddu Units 11-13		6.0840
III Guddu Units 3-4 8.1116			Guddu Units 5-10	713.00	
I Guddu Units 11-13 6.0840 1st November II Guddu Units 5-10 6.7597			Guddu Units 3-4	715.00	8.1116
1st November II Guddu Units 5-10 6.7597		IV	Guddu Units 1-2		8.6908
1st November II Guddu Units 5-10 6.7597	1st November 2016	1	Guddu Units 11-13		6.0840
713.00		II	Guddu Units 5-10	713.00	6.7597
2016 III Guddu Units 3-4 8.1116		III	Guddu Units 3-4	,13.00	8.1116
IV Guddu Units 1-2 8.6908		IV	Guddu Units 1-2		8.6908
I Guddu Units 11-13 6.0840	1st December 2016	I	Guddu Units 11-13		6.0840
1st December 2016 II Guddu Units 5-10 713.00 6.7597		II	Guddu Units 5-10	713.00	6.7597
III Guddu Units 3-4 713.00 8.1116		III	Guddu Units 3-4	713.00	8.1116
IV Guddu Units 1-2 8.6908		IV	Guddu Units 1-2		8.6908



15th December 2016	I	Guddu Units 11-13	500.00	4.2665
	II	Guddu Units 5-10		4.7403
	III	Guddu Units 3-4	300.00	5.6883
	IV	Guddu Units 1-2		6.0945
1st January 2017	I	Guddu Units 11-13		4.3014
	II	Guddu Units 5-10	504.09	4.7791
1st January 2017	III	Guddu Units 3-4] 304.09	5.7349
	IV	Guddu Units 1-2		6.1444
	I	Guddu Units 11-13		4.3000
1st February 2017	II	Guddu Units 5-10	503.93	4.7776
1361 Cordary 2017	III	Guddu Units 3-4] 303.75	5.7330
	IV	Guddu Units 1-2		6.1424
	I	Guddu Units 11-13		4.3120
1st March 2017	II	Guddu Units 5-10	505.34	4.7910
1 st March 2017	III	Guddu Units 3-4] 303.34 [5.7491
	IV	Guddu Units 1-2		6.1596
	I	Guddu Units 11-13		4.2695
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	II	Guddu Units 5-10	500.76	4.7438
1st April 2017	III	Guddu Units 3-4	500.36 ,	5.6924
	IV	Guddu Units 1-2		6.0989
	I	Guddu Units 11-13		4.3308
i	II	Guddu Units 5-10	i i	4.8118
1st May 2017	III	Guddu Units 3-4	507.54	5.7741
	IV	Guddu Units 1-2	1	6.1864
	I	Cudda Unite 11 12		4.3422
 	II	Guddu Units 11-13	-	4.8245
1st June 2017	III	Guddu Units 5-10 Guddu Units 3-4	508.88	5.7894
<u> </u>	IV	Guddu Units 1-2	}	6.2028
	<u></u>	Guddu Units 11-13		4.3698
1st July 2017	II	Guddu Units 5-10	512.11	4.8552
	III IV	Guddu Units 3-4		5.8261
	10	Guddu Units 1-2		
	I	Guddu Units 11-13	515.38	4.3977
1st August 2017	11	Guddu Units 5-10		4.8862
-	III	Guddu Units 3-4		5.8633
	IV	Guddu Units 1-2		6.2820
	I	Guddu Units 11-13	514.57	4.3908
1st September	II	Guddu Units 5-10		4.8785
2017	III	Guddu Units 3-4		5.8541
	IV	Guddu Units 1-2		6.2721
	I	Guddu Units 11-13		4.2928
1st October 2017	II	Guddu Units 5-10	503.09	4.7696
131 October 2017	III	Guddu Units 3-4		5.7235
	IV	Guddu Units 1-2		6.1322
	I	Guddu Units 11-13		4.3572
1st November 2017	II	Guddu Units 5-10	510.63	4.8411
	III	Guddu Units 3-4	510.03	5.8093
	IV	Guddu Units 1-2		6.2241
	I	Guddu Units 11-13		4.4579
1st December 2017	II	Guddu Units 5-10	522.43	4.9530
1St December 2017	Ш	Guddu Units 3-4		5.9435
	IV	Guddu Units 1-2		6.3679
	I	Guddu Units 11-13		4.5058
,	II	Guddu Units 5-10	528.05	5.0063
1st January 2018	III	Guddu Units 3-4		6.0074
	IV	Guddu Units 1-2	[6.4364
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1st February 2018	1	Guddu Units 11-13		4.4337
	II	Guddu Units 5-10	519.60	4.9262
	III	Guddu Units 3-4		5.9113
	IV	Guddu Units 1-2		
1st March 2018	I	Guddu Units 11-13	_	4.4550
	11	Guddu Units 5-10	522.10	4.9499
	111	Guddu Units 3-4	1	5.9398
	IV	Guddu Units 1-2	<u> </u>	6.3639
	I	Guddu Units 11-13	_	4.5911
1st April 2018	11	Guddu Units 5-10	538.04	5.1010
•	III	Guddu Units 3-4	4	6.1211
	IV	Guddu Units 1-2	L	6.5582
	I	Guddu Units 11-13		4.4425
1st May 2018	II	Guddu Units 5-10	520.63	4.9359
131 11111 2010	III	Guddu Units 3-4		5.9230
	IV	Guddu Units 1-2	<u> </u>	6.3460
	I	Guddu Units 11-13		4.6214
1st June 2018	II	Guddu Units 5-10	541.60	5.1347
15t Julie 2016	III	Guddu Units 3-4	341.00	6.1616
	IV	Guddu Units 1-2		6.6016
	I	Guddu Units 11-13	1	4.7156
	II	Guddu Units 5-10	1	5.2393
1st July 2018	III	Guddu Units 3-4	552.63	6.2871
	IV	Guddu Units 1-2	1	6.7360
	ı	Guddu Units 11-13	<u> </u>	4.8097
	II	Guddu Units 5-10	-	5.3439
1st August 2018	III	Guddu Units 3-4	563.66	6.4126
	IV	Guddu Units 1-2	1	6.8705
			<u> </u>	4.8003
1-4 04	I	Guddu Units 11-13	1	5.3335
1st September 2018	III	Guddu Units 5-10 Guddu Units 3-4	562.56	6.4001
	IV	Guddu Units 1-2		6.8571
		1	733.96	6.2628
agu a	I II	Guddu Units 11-13		6.9585
27th September 2018	III	Guddu Units 5-10 Guddu Units 3-4		8.3500
2010	IV	Guddu Units 1-2		8.9463
		T		
	I	Guddu Units 11-13	745.56	6.3618
1st October 2018	II	Guddu Units 5-10		7.0684
	III	Guddu Units 3-4		9.0877
	IV	Guddu Units 1-2		<u></u>
	I	Guddu Units 11-13		6.4592
1st November	II	Guddu Units 5-10	756.97	7.1766
2018	III	Guddu Units 3-4		8.6118
	IV	Guddu Units 1-2		9.2267
1st December 2018	I	Guddu Units 11-13		6.4046
	II	Guddu Units 5-10	750.57	7.1159
	III	Guddu Units 3-4	/50.57	8.5390
	IV	Guddu Units 1-2	L	9.1487
1st January 2019	I	Guddu Units 11-13		6.3848
	II	Guddu Units 5-10	748.25	7.0939
	Ш	Guddu Units 3-4	140.23	8.5126
	ΙV	Guddu Units 1-2		9.1204
1st February 2019	I	Guddu Units 11-13		6.3069
	II	Guddu Units 5-10	720 12	7.0074
	III	Guddu Units 3-4	739.12	8.4087
	IV	Guddu Units 1-2		9.0092
	I	Guddu Units 11-13		6.2630
1-437	II	Guddu Units 5-10	722.00	6.9586
1st March 2019	III	Guddu Units 3-4	733.98	8.3502
	ΙV	Guddu Units 1-2		8.9465
				



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	I	Guddu Units 11-13		6.3259
1st April 2019	II	Guddu Units 5-10	741.35	7.0285
	111	Guddu Units 3-4	741.55	8.4341
	IV	Guddu Units 1-2	<u> </u>	9.0363
1st May 2019	1	Guddu Units 11-13		6.4390
	II	Guddu Units 5-10	754.61	7.1542
_	III	Guddu Units 3-4	1	8.5849
	IV	Guddu Units 1-2	<u> </u>	9.1980
1	1	Guddu Units 11-13	4	6.7251
1st June 2019	II III	Guddu Units 5-10	788.13	7.4720 8.9663
1	III IV	Guddu Units 3-4 Guddu Units 1-2	-	9.6065
		†		7.8930
1st July 2019	I	Guddu Units 11-13 Guddu Units 5-10	925.01	8.7697
	· · · · · · · · · · · · · · · · · · ·		<u> </u>	7.8844
1st August 2019	I	Guddu Units 11-13	924.00	
	II	Guddu Units 5-10		8.7602
1st September	I	Guddu Units 11-13		7.8844
2019	II	Guddu Units 5-10	924.00	8.7602
		Touduu Onna 3-10	1	7 2011
1st October 2019	I	Guddu Units 11-13	924.00	7.8844
	II	Guddu Units 5-10		8.7602
1st November	I	Guddu Units 11-13		7.8844
2019	II	Guddu Units 5-10	924.00	8.7602
	I		<u> </u>	7.8844
1st December 2019		Guddu Units 11-13	924.00	8.7602
	II	Guddu Units 5-10		
1st January 2020	1	Guddu Units 11-13	924.00	7.8844
1St January 2020	II	Guddu Units 5-10)#1.00	8.7602
	I	Guddu Units 11-13		7.8844
1st February 2020	II	Guddu Units 5-10	924.00	8.7602
			I	7.9014
1st March 2020	I	Guddu Units 11-13	925.99	
	II	Guddu Units 5-10		8.7790
1st April 2020	I	Guddu Units 11-13	924.00	7.8844
130710111 2020	II	Guddu Units 5-10	724.00	8.7602
1st May 2020	I	Guddu Units 11-13	924.00	7.8844
1st May 2020	II	Guddu Units 5-10	724.00	8.7602
1st June 2020	I	Guddu Units 11-13	929.45	7.9309
1st June 2020	II	Guddu Units 5-10	929.43	8.8118
1st July 2020	I	Guddu Units 11-13	024.00	7.8844
	II	Guddu Units 5-10	924.00	8.7602
1st August 2020	I	Guddu Units 11-13		7.0311
	II	Guddu Units 5-10	824.00	7.8121
1st September 2020	1			7,2659
	1	Guddu Units 11-13	851.51	8.0729
1st October 2020	11	Guddu Units 5-10	857.00	8.0729
	I	Guddu Units 11-13		7.3127
	II	Guddu Units 5-10		8.1250
1st November 2020	I	Guddu Units 11-13		7.3127
	1I	Guddu Units 5-10	857.00	8.1250
	I	Guddu Units 11-13		7.3127
1st December 2020	II		857.00	8.1250
<u> </u>		Guddu Units 5-10		3,1200



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	I	Guddu Units 11-13		7.3127
1st January 2021	II	Guddu Units 5-10	857.00	8.1250
	I	Guddu Units 11-13	0.57.00	7.3127
1st February 2021	II	Guddu Units 5-10	857.00	8.1250
1st March 2021	I	Guddu Units 11-13		7.3127
	II	Guddu Units 5-10	857.00	8.1250
	ı	Guddu Units 11-13		7.3127
1st April 2021	II	Guddu Units 5-10	857.00	8.1250
116. 2021	I	Guddu Units 11-13	957.00	7.3127
1st May 2021	II	Guddu Units 5-10	857.00	8.1250
1st June 2021	I	Guddu Units 11-13	857.00	7.3127
1st June 2021	II	Guddu Units 5-10	837.00	8.1250
1st July 2021	I	Guddu Units 11-13	857.00	7.3127
1St July 2021	II	Guddu Units 5-10	857.00	8.1250
	I	Guddu Units 11-13	957.00	7.3127
1st August 2021	II	Guddu Units 5-10	857.00	8.1250
1st September	I	Guddu Units 11-13		7.3130
2021	II	Guddu Units 5-10	857.03	8.1252
	I	Guddu Units 11-13		7.3149
1st October 2021	II	T	857.26	8.1274
	<u> </u>	Guddu Units 5-10		7.3173
1st November	I	Guddu Units 11-13	857.54	8.1301
2021	II	Guddu Units 5-10		
1st Documber 2021	I	Guddu Units 11-13	252.02	7.3219
1st December 2021	II	Guddu Units 5-10	858.08	8.1352
	I	Guddu Units 11-13	861.69	7.3527
1st January 2022	II	Guddu Units 5-10		8.1694
	I	0.11.11.12.11.12	860.80	7.3451
1st February 2022	II	Guddu Units 11-13		8.1610
		Guddu Units 5-10		
1st March 2022	I	Guddu Units 11-13	863.38	7.3672 8.1854
	II	Guddu Units 5-10		
1st April 2022	<u>I</u> II	Guddu Units 11-13 Guddu Units 5-10	870.10	7.4245 8.2492
	1	Guddu Units 11-13		7.5598
1st May 2022	II	Guddu Units 5-10	885.95	8.3994
<u> </u>	1	Guddu Units 11-13		7.5919
1st June 2022	II	Guddu Units 5-10	889.72	8.4352
	I	Guddu Units 11-13	010.00	7.7839
1st July 2022	II	Guddu Units 5-10	912.22	8.6485
1st August 2022	I	Guddu Units 11-13	012.72	7.7968
	II	Guddu Units 5-10	913.73	8.6628
1st September 2022	I	Guddu Units 11-13	913.65	7.7961
	II	Guddu Units 5-10		8.6620
1st October 2022	I	Guddu Units 11-13	921.75	7.8653
	II	Guddu Units 5-10	721.75	8.7389
1st November	I	Guddu Units 11-13	857.00	7.3127
2022	II	Guddu Units 5-10		8.1250
1st December 2022	1	Guddu Units 11-13	857.00	7.3127
	II	Guddu Units 5-10		8.1250

⁻ Units 1-4 were excluded by the Authority from the generation licence through modification decision dated July 10, 2019.



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⁻ Based on data declared by Central Power Generation Company Limited.