

भारत सरकार
केन्द्रीय विद्युत प्राधिकरण
दक्षिण क्षेत्रीय विद्युत समिति
29, रेस कोर्स क्रॉस रोड
बेंगलुरु :-560 009



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सं. दक्षेविस /अअ.1/4(आर आर ए एस)/2022/

No. SRPC/SE-1/4(RRAS)/2022/

दिनांक /Dated: 10-May, 2022

सेवा में / To

वितरण सूची के अनुसार

As per Distribution List

विषय: 25/04/22 से 01/05/22 तक के सप्ताह के लिए आरआरएस लेखे की विवरणी।

Sub: RRAS Settlement Account Statement for the week of 25/04/22 to 01/05/22

महोदय /Sir,

सीईआरसी के(अनुषंगिक सेवाओं का प्रचालन) विनियम 2015, और सी. ई. आर. सी आदेश के अनुसार सिंहाद्री 2 टीपीएस साथ ही नए स्टेशनों के लिए ए जी सी खाता के साथ आनुषंगिक सेवाओं के प्रचालन के लिए विस्तृत कार्यविधान के विनियम 14 का पालन करते हुए दिनांक 25/04/22 से 01/05/22 तक के सप्ताह के लिए साप्ताहिक आरआरएस ऊर्जा लेखे की विवरणी तैयार करके इस पत्र के साथ संलग्न किया गया है। इसे दक्षेविस का वेबसाइट www.srpc.kar.nic.in में भी अपलोड किया गया है।

The weekly statement of RRAS energy account for the week of 25-April-2022 to 01-May-2022, prepared in accordance with the Regulation 14 of the CERC (Ancillary Services Operations) Regulations, 2015 and Detailed Procedure for Ancillary Services Operations, including AGC account for Simhadri II TPS as per CERC order dated 6.12.2017 as well as new plants as per CERC Order No. 319/RC/2018 dated 28.08.2019 , is enclosed herewith. The same has been uploaded to the SRPC web site,www.srpc.kar.nic.in.

भवदीय, Yours faithfully

(मेका रामकृष्ण /MEKA RAMAKRISHNA)

अधीक्षण अभियन्ता(वा)/Superintending Engineer(C)

संलग्नक:यथोपरि Encl: as above

प्रेषिती सूची/Mailing List:

1. GM (Commercial),NTPC, Seundrabad
2. AGM (Commercial), NTPC Talcher Stg-II, Odisha
3. GM (Commercial), NTECL,Tiruvallur
4. DGM, Commercial, NLCIL, Neyvelli
5. DGM, NTPL, Tuticorin
6. CM, Planning, NNTPP

RRAS Settlement Account

From 25-April-2022 TO 01-May-2022

A. Payments to the RRAS Provider(s) from the DSM Pool for UP Regulation

S.No	RRAS Provider	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Markup as per CERC Order (50 ps /Unit) (Rs) (C)	Total Charges (A+B+C)
1	Ramagundam Super Thermal Power Station (U1-6) NTPC Ltd.	642.4825	467727	1949292	321241.25	27,38,260
2	Ramagundam Super Thermal Power Station (U7) NTPC Ltd.	104.6025	85042	311820	52301.25	4,49,163
3	Simhadri Super Thermal Power Station Stage II NTPC Ltd.	253.78	372295	749666	126890	12,48,851
4	Talcher Super Thermal Power Station Stage II NTPC Ltd.	189.27	135139	326491	94635	5,56,265
5	Vallur Thermal Power Station NTECL Ltd.	1231.9125	2186645	4165096	615956.25	69,67,697
6	TPS-II Stage I NLC Ltd	0.1975	140	531	98.75	770
7	TPS-II Stage II NLC Ltd	0.155	114	417	77.5	609
8	TPS-I Expansion NLC Ltd	0.08	77	196	40	313
9	TPS-II Expansion NLC Ltd	0	0	0	0	0
10	NTPL NTPL Ltd.	0	0	0	0	0
11	Simhadri Super Thermal Power Station Stage I NTPC Ltd.	488.925	460567	1462864	244462.5	21,67,894
12	Kudgi Super Thermal Power Station Unit I NTPC Ltd.	978.2375	1631700	4435329	489118.75	65,56,148

S.No	RRAS Provider	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges (Rs) (A)	Variable Charges (Rs) (B)	Markup as per CERC Order (50 ps /Unit) (Rs) (C)	Total Charges (A+B+C)
13	NNTPP NLC Ltd.	0.13	235	286	65	586
	Total	3889.7725	5339681	13401988	1944886.25	2,06,86,555

B. Payments by the RRAS Provider(s) to the DSM Pool for DOWN Regulation

S.No	RRAS Provider	Energy scheduled to VAE under RRAS (MWh)	Total Variable Charges for generation reduced (A)	Variable charges to be paid to the DSM Pool (B = 75% of A)
1	Ramagundam Super Thermal Power Station (U1-6) NTPC Ltd.	-156.3425	-474343	3,55,757
2	Ramagundam Super Thermal Power Station (U7) NTPC Ltd.	-37.115	-110640	82,980
3	Simhadri Super Thermal Power Station Stage II NTPC Ltd.	-38.4125	-113471	85,103
4	Talcher Super Thermal Power Station Stage II NTPC Ltd.	-23.095	-39839	29,879
5	Vallur Thermal Power Station NTECL Ltd.	-36.8625	-124632	93,474
6	TPS-II Stage I NLC Ltd	-276.255	-742850	5,57,138
7	TPS-II Stage II NLC Ltd	-375.7225	-1010318	7,57,739
8	TPS-I Expansion NLC Ltd	-247.9675	-606776	4,55,082
9	TPS-II Expansion NLC Ltd	-103.75	-269231	2,01,923
10	NTPL NTPL Ltd.	0	0	0
11	Simhadri Super Thermal Power Station Stage I NTPC Ltd.	-437.655	-1309464	9,82,098
12	Kudgi Super Thermal Power Station Unit I NTPC Ltd.	-2044.21	-9268448	69,51,336
13	NNTPP NLC Ltd.	-551.71	-1212107	9,09,080
	Total	-4329.0975	-15282119	1,14,61,589

C. Reimbursement of Fixed Charges by RRAS Provider to the Original Beneficiaries

S.No	RRAS Provider	Energy scheduled to VAE under RRAS (MWh)	Fixed Charges to be refunded (Rs)	Andhra Pradesh	Karnataka	Kerala	Tamil Nadu	Telangana	Puducherry	PGCIL	PUGALUR HVDC	TRISSUR HVDC	Goa	Orissa
1	Ramagundam Super Thermal Power Station (U1-6) NTPC Ltd.	642.4825	467727	2,23,292	0	0	2,06,352	0	30,785	0	0	0	7,298	0
2	Ramagundam Super Thermal Power Station (U7) NTPC Ltd.	104.6025	85042	73,914	0	0	0	0	11,128	0	0	0	0	0
3	Simhadri Super Thermal Power Station Stage II NTPC Ltd.	253.78	372295	3,25,226	0	0	0	0	43,707	0	481	2,880	0	0
4	Talcher Super Thermal Power Station Stage II NTPC Ltd.	189.27	135139	1,35,139	0	0	0	0	0	0	0	0	0	0
5	Vallur Thermal Power Station NTECL Ltd.	1231.9125	2186645	2,28,201	0	0	17,20,122	0	2,38,322	0	0	0	0	0
6	TPS-II Stage I NLC Ltd	0.1975	140	43	0	0	0	0	97	0	0	0	0	0
7	TPS-II Stage II NLC Ltd	0.155	114	114	0	0	0	0	0	0	0	0	0	0
8	TPS-I Expansion NLC Ltd	0.08	77	0	0	0	0	0	77	0	0	0	0	0
9	TPS-II Expansion NLC Ltd	0	0	0	0	0	0	0	0	0	0	0	0	0
10	NTPL NTPL Ltd.	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Simhadri Super Thermal Power Station Stage I NTPC Ltd.	488.925	460567	4,60,567	0	0	0	0	0	0	0	0	0	0
12	Kudgi Super Thermal Power Station Unit I NTPC Ltd.	978.2375	1631700	4,63,718	0	0	11,67,982	0	0	0	0	0	0	0
13	NNTPP NLC Ltd.	0.13	235	226	0	0	0	0	9	0	0	0	0	0
	Total	3889.7725	5339681	19,10,441	0	0	30,94,455	0	3,24,125	0	481	2,880	7,298	0

D. Payments to the AGC Service Provider(s) from the DSM Pool

S.No	AGC Provider		Total Charges (B+D)	Payable To Pool/ Receivable From Pool	
1	Simhadri Super Thermal Power Station Stage II NTPC Ltd.	Total AGC MWh Up and Down (A) MWh	Mark-up at the rate of 50p/unit for both positive and negative AGC MWh from the DSM Pool (B = 0.5*1000*A) Rs	0	Receivable
		0	0		
		Total Net AGC (C) MWh	AGC Energy Charges (D= C*Variable Cost) Rs		
		0	0		
2	Simhadri Super Thermal Power Station Stage I NTPC Ltd.	Total AGC MWh Up and Down (A) MWh	Mark-up at the rate of 50p/unit for both positive and negative AGC MWh from the DSM Pool (B = 0.5*1000*A) Rs	52,06,641	Payable
		2460.713	12,30,357		
		Total Net AGC (C) MWh	AGC Energy Charges (D= C*Variable Cost) Rs		
		-2151.403	64,36,998		
3	Ramagundam Super Thermal Power Station (U1-6) NTPC Ltd.	Total AGC MWh Up and Down (A) MWh	Mark-up at the rate of 50p/unit for both positive and negative AGC MWh from the DSM Pool (B = 0.5*1000*A) Rs	67,32,776	Payable
		3232.508	16,16,254		
		Total Net AGC (C) MWh	AGC Energy Charges (D= C*Variable Cost) Rs		
		-2751.823	83,49,030		

S.No	AGC Provider		Total Charges (B+D)	Payable To Pool/ Receivable From Pool	
4	Ramagundam Super Thermal Power Station (U7) NTPC Ltd.	Total AGC MWh Up and Down (A) MWh	Mark-up at the rate of 50p/unit for both positive and negative AGC MWh from the DSM Pool (B = 0.5*1000*A) Rs	11,91,337	Payable
		1140.13	5,70,065		
		Total Net AGC (C) MWh	AGC Energy Charges (D= C*Variable Cost) Rs		
		-590.876	17,61,402		
5	Vallur Thermal Power Station NTECL	Total AGC MWh Up and Down (A) MWh	Mark-up at the rate of 50p/unit for both positive and negative AGC MWh from the DSM Pool (B = 0.5*1000*A) Rs	52,97,419	Payable
		3377.984	16,88,992		
		Total Net AGC (C) MWh	AGC Energy Charges (D= C*Variable Cost) Rs		
		-2066.374	69,86,411		
6	NTPL NTPL	Total AGC MWh Up and Down (A) MWh	Mark-up at the rate of 50p/unit for both positive and negative AGC MWh from the DSM Pool (B = 0.5*1000*A) Rs	0	Receivable
		0	0		
		Total Net AGC (C) MWh	AGC Energy Charges (D= C*Variable Cost) Rs		
		0	0		

S.No	AGC Provider		Total Charges (B+D)	Payable To Pool/ Receivable From Pool	
7	Kudgi Super Thermal Power Station Unit I NTPC Ltd.	Total AGC MWh Up and Down (A) MWh	Mark-up at the rate of 50p/unit for both positive and negative AGC MWh from the DSM Pool (B = 0.5*1000*A) Rs	15,51,634	Receivable
		6436.019	32,18,009		
		Total Net AGC (C) MWh	AGC Energy Charges (D= C*Variable Cost) Rs		
		-367.529	16,66,376		

Note:

1. **A:** Total Energy based on 5 Min schedule (absolute MWh), both Up and Down
2. **B:** Markup as per CERC Order (50 ps /Unit) - (A*0.5*1000) in Rs
3. **C:** Net Energy based on 15 Min schedule (MWh)
4. **D:** AGC Energy Charges - (C*Variable Cost) in Rs