

Frequency Response Characteristics of Southern Region Regional Entities (% Response)

Date & Time	23-05-2017 18:36:00	23-05-2017 17:43:10	20-05-2017 20:06:50	18-05-2017 08:01:50	09-05-2017 16:41:20	26-04-2017 10:00:50	09-04-2017 18:49:30	03-04-2017 13:18:10	05-03-2017 15:14:40	02-03-2017 01:57:50
Event	On 23-05-17 at 18:36 hrs, Unit-I of Kudgi STPS tripped due to low air pressure	On 23.05.17, at 1743 hrs, Vindhyachal Stage-III tripped reportedly due to fire in Generator/Transformer. Vindhyachal Unit- 8,9,10(capacity 500 MW each) tripped.	On 20-05-17 at 20:06 hrs, 2000 MW generation loss at Chavra/Anta generation complex at Rajasthan due to fault at 765 kV Anta - Phagi - II	On 18.05.17, at 08:01 Hrs Rihand TPS Unit 1,2,4 tripped and at 08:03 Hrs Rihand TPS Unit 3,5,6 got tripped.Generation Loss around 2750 MW.	On 09.05.17, at 1642 hrs, 400KV J.P.Nigri-Satna line 1&2 tripped at 16:19 and 16:41Hrs due to which Unit 1&2 at J.P.Nigri tripped due to loss of evacuation lines. Generation Loss of 1180 MW.	On 26.04.17, at 10:01 hrs, tripping of Karad & kohlapur ICT's, Load loss of 900 MW took place.	On 09.04.17, at 1849 hrs, Tripping of Biharsharif ICT's, Load loss of 870 MW.	Yeramarus TPS Unit - 2 tripped due to Boiler Preheater Protection	On 05.03.17, at 15:15 hrs, full load rejection test(1000 Mw to zero)was carried out for Kudankulam Unit-II by GCB opening.	Due to tripping of Krishnapatnam Unit - 1 & 2 generation loss of 1085 MW took place.
Frequency Before	50.05	49.93	50.08	50.10	49.99	50.02	49.95	49.95	50.05	50.06
Frequency After	49.91	49.78	49.86	49.83	49.86	50.21	50.05	49.86	49.94	49.93
Change in Frequency	-0.15	-0.15	-0.22	-0.27	-0.13	0.19	0.10	-0.10	-0.11	0.13
Andhra Pradesh	-4%	26%	9%	23%	14%	6%	15%	24%	49%	43%
Karantaka	26%	27%	3%	20%	0%	4%	2%	17%	-16%	72%
Kerala	10%	101%	-8%	185%	116%	44%	67%	-2%	157%	109%
Tamil Nadu	13%	9%	18%	13%	19%	9%	22%	33%	23%	28%
Telangana	-8%	40%	21%	31%	-14%	15%	29%	24%	3%	41%
PONDY	-94%	226%	306%	137%	-344%	145%	-150%	487%	-1197%	-73%
Kaiga U- 1-2	4%	16%	3%	7%	35%	-18%	-23%	-59%	20%	34%
Kaiga 3-4	9%	-7%	-4%	0%	-3%	-8%	-11%	0%	-2%	6%
KKNPP	68%	-22%	0%	0%	0%	35%	-76%	57%	0%	0%
MAPS	0%	0%	0%	0%	0%	0%	0%	0%	13%	-25%
Neyveli 1Exp	0%	0%	0%	0%	0%	0%	14%	21%	12%	0%
Neyveli Stage 2	-3%	-11%	-7%	22%	11%	12%	0%	5%	7%	17%
Neyveli 2Exp	0%	0%	0%	0%	0%	0%	-16%	7%	0%	43%
Ramagundam STPS	13%	36%	20%	17%	41%	-1%	12%	-35%	7%	-34%
Simhadri Stage 2	10%	2%	11%	26%	-5%	-4%	-7%	-7%	57%	89%
NTECL	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
CEPL	-2%	8%	19%	-7%	1%	-22%	-5%	5%	0%	-8%
MEPL	0%	0%	0%	0%	0%	0%	-17%	0%	17%	-14%
NTPL	16%	-3%	9%	43%	1%	0%	8%	12%	3%	-1%
SEPL	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TPCIL	0%	0%	-3%	-8%	1%	0%	-20%	0%	-1%	3%
IL&FS	3%	3%	0%	-6%	-3%	6%	2%	-5%	0%	5%
LANCO	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
NCC	-3%	-3%	7%	3%	-4%	0%	0%	2%	0%	0%
SR	17%	22%	12%	20%	22%	3%	12%	35%	16%	31%

Disclaimer: The values shown in the reports are based on operational data and may not be used for commercial computation