



NLC TAMILNADU POWER LIMITED

(A JVC between NLC India Ltd & TANGEDCO
and a Subsidiary of NLC India Limited)

OFFICE OF THE CHIEF EXECUTIVE OFFICER
HARBOUR ESTATE, TUTICORIN-628004
CIN: U40102TN2005GOI058050

Phone : 0461-2352844
Fax : 0461-2352480
E-mail : ceo.ntpl@nclindia.in
Web : www.ntplpower.com

REGISTERED OFFICE
No.135, EVR Periyar High Road,
Kilpauk,
Chennai - 600 010

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COMMENTS ON CENTRAL ELECTRICITY REGULATORY COMMISSION (ANCILLARY SERVICES)

REGULATION, 2021

Regulation 12: Performance of SRAS Provider and incentive

Clause (3) of Regulation 12 states that

(3) SRAS Provider shall be eligible for incentive based on the performance measured as per clause (2) and the 5-minute MWh data calculated for SRAS-Up and SRAS-Down as per clause (11) of Regulation 10 of these regulations and aggregated over a day, as under:

Actual performance vis-à-vis SRAS signal for an SRAS Provider	Incentive Rate (+) (paise/ kWh)
Above 95%	(+) 40
70-95 %	(+) 30
45-70%	(+) 20
20-45%	(+) 10
Below 20%	0

NTPL Comments on Clause (3) of Regulation 12

Regulation 42 (6) of Central Electricity Regulatory Commission (Terms and Conditions of Tariff)

Regulation, 2019 states as follows

“(6) an incentive shall be payable to a generating station or unit thereof @ 65 paise/ kWh for ex-bus scheduled energy during Peak Hours and @ 50 paise/ kWh for ex-bus scheduled energy during Off-Peak Hours corresponding to scheduled generation in excess of ex-bus energy corresponding to Normative Annual Plant Load Factor (NAPLF) achieved on a cumulative basis within each Season (High Demand Season or Low Demand Season, as the case may be.....”

The above clause provides incentive for the energy scheduled by RLDC to the generating stations.

However, in case of Clause (3) of Regulation 12 of Central Electricity Regulatory Commission (Ancillary Services) Regulation, 2021, incentive is based on the actual performance measured.

Response of Generators to frequent cycles of SRAS Up / Down signals every 4 seconds may cause severe stress in Boiler / Turbine Critical Components. Hence, NTPL suggests the following Incentive Rates for the Actual Performance of SRAS Provider

Actual performance vis-à-vis SRAS signal for an SRAS Provider	Peak Hours Incentive Rate (+) (paise/ kWh)	Off-Peak Hours Incentive Rate (+) (paise/ kWh)
Above 90%	(+) 65	(+) 50
70-90 %	(+) 50	(+) 40
45-70%	(+) 40	(+) 30
20-45%	(+) 30	(+) 20
Below 20%	0	0

Deputy General Manager
Energy Efficiency Monitoring Group,
NLC Tamilnadu Power Limited
Harbour Estate, Tuticorin-628 004