

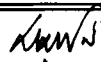
QUALITY MANAGEMENT SYSTEM	POWER GRID COMPANY OF BANGLADESH LTD.					WORK INSTRUCTION			
	TITLE: LOAD CONTROL (LOAD SHEDDING)								
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1. Scope: Applies to the whole of Power System Network of POWER GRID COMPANY OF BANGLADESH LTD.

2. Purpose: To ensure uninterrupted quality power supply to the consumers in case of load control by means of planned load shedding.

SL. No.	Activity (including check points)	Ref. Doc.	Responsibility	Freq./Time	Output
1.0	<u>Load Control</u> : The whole county is divided into nine distribution zones namely DESA, Chittagong, Comilla, Sylhet, Mymensing, Khulna, Barisal, Rajshahi & Rangpur. Load control will be imposed in proportionate to the demand of the respective zones as per load control chart.	QF-LDC-13	MLDD SCE (DM/AM LDC)	As required	
1.1	<i>Normal load Control</i>				
1.1.1	Planning of generation, demand & load shedding will be checked from the "Summary of Daily Electricity Generation" and take necessary action for implementation of load controlling.	QF-LDC-07	SCE (DM/AM LDC)	As required	
1.1.2	Load Despatch Control Room will send the message of load allocation to the respective zone over carrier telephone. The message of load shedding contains amount, duration and cause of load controlling (If required).		SCE (DM/AM LDC)	As required	QF-LDC-06
1.1.3	The despatcher closely monitor whether the load control is implemented properly or not by monitoring the load flow of different transmission lines with the help of telemetering/SCADA system.		SCE (DM/AM LDC)	As required	QF-LDC-06
1.1.4	The despatcher will alert the zone to carry out load control as per instructions, if any zone do not carry out the given load control plan properly		SCE (DM/AM LDC)	As required	
1.1.5	Check the status of load control for the conformity with the load allocation plan.		SCE (DM/AM LDC)	As required	
1.1.6	If case of failure to conform to the load allocation plan by any zone, forced load control is done by switching off 33kV feeders from grid substations feeding those areas.		DM/AM LDC JAM GMD	As required	
1.1.7	Record the activity in the shift register.		DM/AM LDC	As required	QF-LDC-06
1.2	<i>Emergency load controlling</i>				
1.2.1	33KV feeders are switched off from different grid sub stations.		DM/AM LDC JAM GMD	As required	
1.2.2	Check the status of the system for the conformity with the standard operating condition.		DM/AM LDC	As required	
1.2.3	Implement normal load control procedure and switch on the 33 KV feeders which were switched off in step 1.2.1	QF-LDC-13	DM/AM LDC	As required	
1.2.4	Record the activity in the shift register.		DM/AM LDC	As required	QF-LDC-06
2.0	The effectiveness of the work instruction for Load Control will be evaluated and reviewed during internal audits.		Management Review Committee, MR.	During internal audit	Review of review system
3.0	The Management will take actions on the basis of the evaluation.		MD, DT, MR.	At least 1 time in a year	Improvement

Reviewed by (GMSO) :



Approved by (DT):

