Monsoon Disaster Preparedness Plan-2026

Preamble:

In accordance with the Act and with the desire to better provide for the wellbeing of its customer of DISCOMS, the DISCOM have prepared a Disaster Management Plan to ensure preparedness and effective response by the DISCOMS and its consumers in the event of a disaster.

What is a Disaster?

A disaster is a progressive and sudden, widespread or localized, nature or man-made occurrence which causes:

1. Death, inquiry or sickness
2. Damage to property, infrastructure or the environment, or
3. Disruption of a community

If of a magnitude which exceeds the ability of those who are affected to defend the results by making use of only their own resources.

What is Disaster Management?

Disaster management is a continuous and integrated multi sector, multi-disciplinary process of planning and implementation of measures aimed at

- Prevention or reduction of the risk of disaster
- Relieve of the severity of results of disasters
- Emergency preparedness
- Swift and effective reaction on disasters
- After-disaster repair and rehabilitation.

"Disaster" refers to a catastrophe, mishap, calamity or grave occurrence from natural or manmade causes which are beyond coping capacity of affected community. It brings sudden great misfortune bringing disruption to normal life including that of the power supply. Natural or other disasters can strike suddenly anytime and anywhere.

As far as this document is concerned the word 'Disaster' is synonymous with 'Crisis'. "Crisis" is defined as an event of acute danger, which can cause

sudden disruption of power supply. The event is caused either due to human error / equipment failure or sabotage by anti –social elements.

It often happens that disasters do not occur in isolation and that one disaster occurs as a result of another. Therefore it is important to be aware of all possible disasters that may affect your region.

Power sector is one of the important infrastructures which may get affected due to any crisis / disaster leading to disruption in generation, transmission and distribution of electricity. It, therefore, becomes extremely important to evolve crisis / disaster management plan to restore the generation, transmission, and distribution of power to the affected areas in the shortest possible time.

Prepare the document, which deals with the various events, which may cause crisis or disasters in the Power Sector, preventive measures which need to be adopted to avoid any crisis / disaster, ways and means to tackle a crisis / disaster, if it occurs in spite of preventive measures. It outlines a hierarchical set up of crisis / disaster management at various levels for effectively and efficiently dealing with crises and disasters as well as roles / responsibilities of various Central / State departments and utilities in disaster management as per provisions of Disaster Management Act and National Policy on Disaster Management.

Objective and Scope of Disaster Management Plan (POWER SECTOR)

a) To improve DISCOM's/Power Stations/Substations preparedness to meet any contingency
b) To reduce response time in organizing the assistance
c) To identity major resources, man power material & equipment needed to make the plan operational
d) Making optimum use of the combined resources.

Causes of Disasters & Crisis in DISCOMs/Power Stations/Substations: Disaster in power sector can occur due to natural calamities such as:

- Earthquakes
- Floods/cloud burst
- Tsunamis
- Cyclones
- Hurricanes, etc

Other crisis situation can arise in power Sector in the event of Terrorist threats /attack & sabotage, Bomb threats & bomb explosions, Strike, Cyber-attack and Fire etc.

Natural Calamities Floods along with tsunamis/cyclone are main water related natural disasters. Landslides / avalanches mainly occur due to geo-technical instability by lubricating and infiltrating water. The water related disasters are climate related, on which mankind has but little control. One can only try to manage them and reduce their severity (mitigate them) only to a certain extent. Floods/ cyclones and their impacts occur in a relatively much shorter time. The impacts of these disasters and their multiplier effects on economy, national development and severity of affected infrastructures are well known but needs to be adequately quantified to provide financial justification for undertaking mitigate measures.

The following actions are required to be taken:

i) **Pre-alert Notification**: This type of notification is mainly used for disseminating an important piece of information concerning slowly developing emergencies which can either be rectified or would take some time before they turn into a crisis/disaster.

ii) **Alert Notification**: An alert notification implies that although a crisis/ disaster is not imminent, aggravation of the situation could lead to crisis unless condition improve / plant Level EMG and Local Officials should be alerted that an unsafe situation is developing.

iii) **Warning Notification** a warning notification implies that a crisis/ disaster are imminent and advance action may be initiated for minimizing the damage / rescue operations. The warning notification indicating the magnitude of crisis/ disaster should be communicated to other power Station in the region and in case of hydropower projects, to the authorities concerned with the important structures located on the downstream stretches of the river.

iv) **Notification Responsibly** in case of developing crisis situation, the project authorities shall be responsible for issuing proper notification to District / State / Central level agencies, depending upon the severity of the crisis / disaster.

Advance preparedness for effective preparedness to face the disasters and to avoid last minute arrangements in panic conditions. The following aspects shall be covered as an organizational practice:

1. Well-documented Emergency Plans.
2. Data on availability of resources and buffer stock of restoration materials
3. Identification of key personnel (Nodal Office) with their skills and experience of the disaster management.
4. Allocation of budget for emergencies.
5. “Delegation of power" at various levels for disaster conditions.
6. Mutual assistance agreements signed by all power utilities for sharing men and material resources on demand.

Post disaster Response and Recovery stage:

Following features need to be kept in mind for efficient recovery with clear hierarchy of command system for mobilization of damage assessment teams.

1. Mobilization of teams for establishment of base camps / infrastructure.
2. Officer for communication with the outside environment / press etc.
3. Predefined staff for co-ordination with other agencies on restoration, front.
4. Management of funds and resources at the disaster front. .
5. The communication system i.e. P&T phone / PLCC / Wireless / Mobile will be fully in working condition. Where the battery charging is required it will be charged regularly.
6. All vehicles either company’s or on rental basis will have facilities for charging the battery of mobile.

7. A search light will be fixed on each vehicle having rotating facilities (360˚) that can be useful while working during night time at the field.
8. Emergency light, torch light will be kept ready.
9. Safety equipment and first aid box will be made available.
10. All vehicles will be well maintained and operative.
11. All agency for electrical, civil and repairer and transporter will be informed to be ready for any emergency.
12. The rain coat & gum boot will be made available.
13. To remain in touch with local government authority like TDO, Mamalatdar, Collector, DDO and Officer responsible for Disaster management.
14. Violation / Ignorance of the instructions shall attract punitive actions.

Preparedness of Monsoon

The monsoon is going to set in nearby interval of time, preparations are made to meet all type of failure and damages & break-down as under.

Control Room will be started at Gujarat Urja Vikas Nigam Ltd, (GUVNL) Vadodara round the clock with effect from 01.06.2026 or as and when needed in case of early rain. In charge of the Control Room submit the consolidated daily report to the Government after collecting the same from all DISCOMs, GETCO and GSECL, twice in a day at 10:00 hrs and 16:00 hrs. Daily Report include the details of damages occurred due to heavy rain, Cyclone and restoration of power supply in all districts of Gujarat. GUVNL control room monitor and coordinate between all DISCOMs, GETCO, GSECL regarding availability of materials, Vehicles, Men powers or any help required and will inform instructions and messages of the Government time to time.

For DISCOMs:

Round the clock control-room will be made operational from 01.06.2026 or as and when needed in case of early rain. List of Phone Number / Mobile Number of all Field Offices and In-charge Officer as well as the list of all Sub-Station with contact number of concern Officers and contractors are prepared and kept ready and circulated to concern as well as to District & Taluka HQ Authority.

Similarly list of type of Vehicle available at Sub division and Division level for transportation of material and man power to be kept ready and circulated to concern for immediate movement.

Sufficient spares like line materials, poles & transformers etc. key materials are also to be kept at Sub division H.Q. as well as in Divisional stores to meet all type of failures & break-down, so that immediate restoration work can be taken-up.

Departmental & contractors man power gangs are to be kept ready & available to rush down for any types of events.

Detail disaster & contingency plans are to be prepared in detail along with the list of the concern In-charge Officer of the area and Sub-stations and submitted to the District Collector for co-ordination and to meet any unfair events and restoration work.

Day to day monitoring to be carried out at Registered Office level & any important events, like accident or failure of equipment, major line failure, water logging are being reported, so that corrective actions can be initiated.

Also all Circle Heads to be directed to remain in constant touch with nearby circles as well as Registered Office for any type of help or assistance immediately required at any affected area for restoration work.

All circles are to be directed to deal with the disaster situation which may possibly occur during flood / cyclone.

Following steps will be taken.

1. Control room will be started at Sub-Division / Division / Circle offices / district head quarter. These control rooms will remain in constant touch with the control room of Registered & Corporate Offices.

2. In the control room Engineers / Operators will be placed on duty round the clock. This team of control room will monitor the situation of affected area.

3. All are directed to keep ready the list of important telephone numbers of the respective area so that in case of any emergency, they can contact them.

4. The key materials required for immediate restoration of power supply in any area due to failure of electricity shall be kept ready at all stores along with the list of materials & quantity.

5. During the disaster situation, no leave will be sanctioned to any of the staff in the field offices.

6. Available Vehicle viz. Car, Jeep, Truck etc., will be kept ready (with full stock of fuel) along with required materials at all offices. Also In case of any emergency, help will be rushed to the site from adjoining field offices too.

7. The list of contractors & skilled workers with telephone & Mobile number conversant with distribution line work will be kept ready with all the Offices in the field.

8. All Hospitals, Railways, Telephone Offices, Government Offices etc. will be given top-most priority in attending any fault on account of failure of power supply or interruption. The concerned line staff of the respective area is given specific instruction to attend such complaint on top priority basis.

9. Restoration of power supply after disaster will be carried out on getting damaged report within minimum loss of time, so that, all villages can get power supply at the earliest.

10. All the field offices asked to be alert to meet any emergency condition as soon as information received from revenue department and they should not leave their place.

11. The staff working in the DISCOM side in the field offices is asked to fully co-operate with the transmission persons in the field.

12. The activities being carried out during flood / cyclone situation by the O & M field staff shall be directly monitored by Corporate Office, of concerned DISCOM.

13. A contingency plan for each Circle is prepared to meet with any calamities due to flood, cyclone, and heavy rain and submitted to the Collector's Office with all important information.

For Transmission (GETCO):

Following points are to be implemented as a part of disaster preparedness:

1. The officers and staff of the nodal substations are well aware with the disaster preparedness and they will be ready for any time to serve the duties.

2. The remaining staff also will be informed for awareness with the disaster preparedness and they will be ready for any time to serve the duties.

3. All staff will remain present in head quarter and not to proceed on leave during the monsoon period.

4. The DG set trial will be taken every week or daily and quantities of fuel will be made sufficient.

5. The water pump set will be kept in working condition and weekly test will be taken.

6. The communication system i.e. P&T phone / PLCC / Wireless / Mobile will be fully in working condition. Where the battery charging is required it will be charged regularly.

7. All vehicles either company's or on rental basis will have facilities for charging the battery of mobile.

8. A search light will be fixed on each vehicle having rotating facilities (360˚) that can be useful while working during night time at the field.

9. Emergency light, torch light will be kept ready.

10. Safety equipment and first aid box will be made available.

11. All vehicles will be well maintained and operative.

12. All agency for electrical, civil and repairer and transporter will be informed to be ready for any emergency.

13. The rain coat & gum boot will be made available.

14. To remain in touch with local government authority like TDO, Mamalatdar, Collector, DDO and Officer responsible for Disaster management.

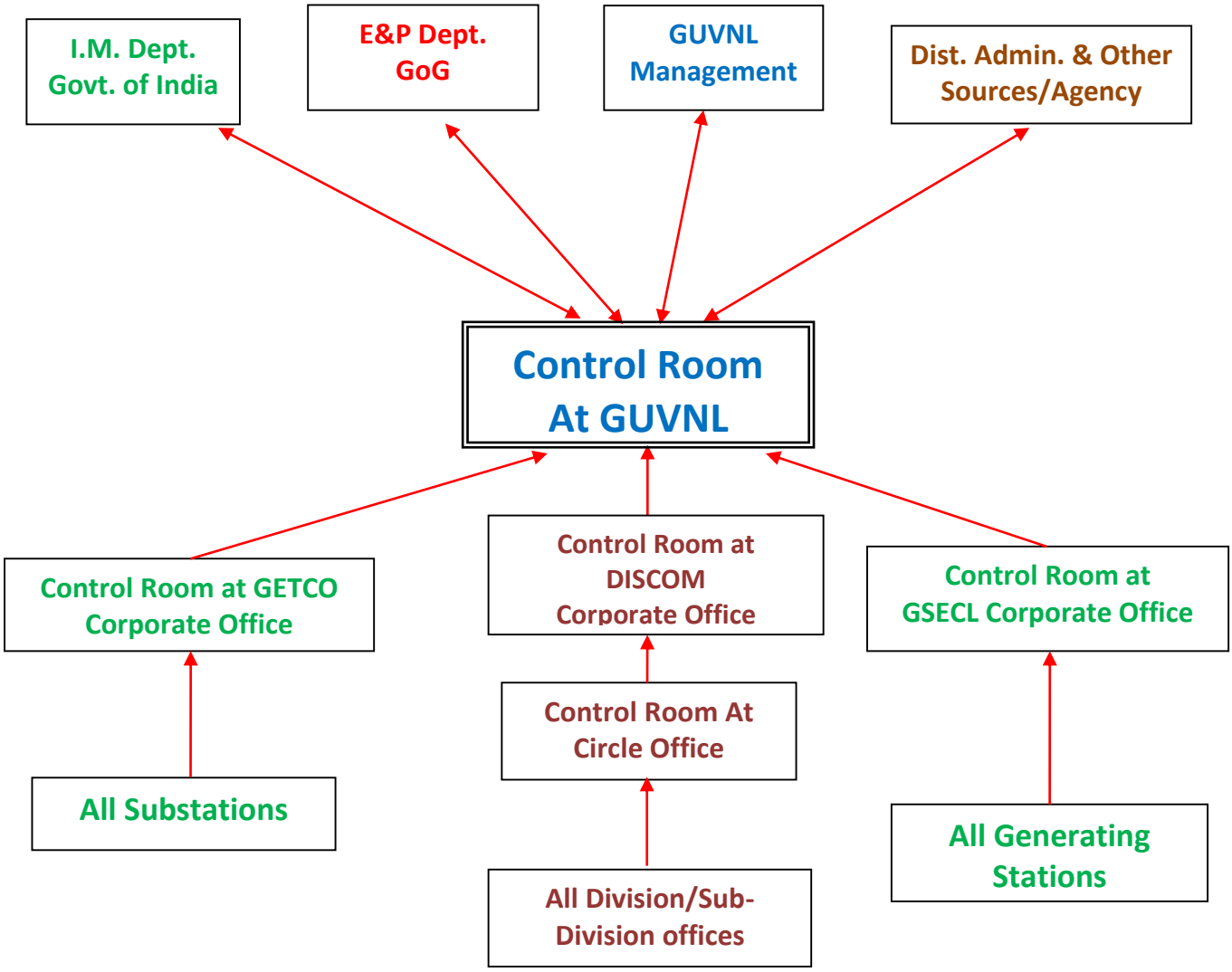
15. Violation / Ignorance of the instructions shall attract punitive actions.

For Generation (GSECL):

Action Plan for "Disaster Management" is chalked out and accordingly following actions are taken:

1. Emergency control room in 220 KV / 400 KV switch yard. Emergency Control Room will be equipped with communication facilities viz. telephone / tele-fax necessary drawings and route maps.
2. Emergency Management groups are formed and various responsibilities like Generation, maintenance, communication, security, fire prevention, Medical, Construction demolition, Lighting, Materials, and Salvage etc. are delegated to individual groups. All groups are to work in co-ordination under leadership of power station Chief.
3. Assembly points for staff have been marked and notified where staff members can gather during emergency.
4. Emergency Response plan is chalked out and circulated.
5. Rehearsals / Mock Drills are carried out periodically to create awareness in staff.
6. Periodically awareness programmes are conducted.
7. Talks about "First Aid" are conducted in Training Centre.
8. Staffs are trained for using for fire fighting equipment available locally till fire fighting crew arrives.

Flow of information:



Communication Plan

List of Officers with contact Number
(controlroom@gmail.com/hocr@gebmail.com)

Company	Name of Officer	Designation	Mobile	Email ID
Gandhinagar				
	R P Soni	EE (OSD Cell)	9879618760	se.osd.05@gmail.com
GUVNL	R J Vala	CE (Tech)	9925210226	cetech.guvnl@gebmail.com
	B C Rathod	SE (Tech-2)	9213022001	Setech2.guvnl@gebmail.com
	K R Vasava	EE (Tech-2)	9978930175	eetech2.guvnl@gebmail.com
	D Y Harsora	DE (Tech)	9925210224	deproc.guvnl@gebmail.com
	Control Room		9909925816	hocr@gebmail.com
GSECL	Y S Ganvit	CE(Generation)	9925208975	cegen.gsecl@gebmail.com
	S R Sharma	SE (GT)	9879200748	segt.gsecl@gebmail.com
	S P Sivakumar	EE (Effi)	9687663069	ee.effi@gebmail.com
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	N R Parmar	DE (Tech-10)	9879200868	detech10.mgvcl@gebmail.com
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