



Gujarat State Electricity Corporation Limited

[A Government of Gujarat Undertaking]

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No. GSECL/CEG/Efficiency/DPP/ 2026/245

Date: 09/04/2026

To,
The Chief Engineer(Tech),
Gujarat Urja Vikas Nigam Limited (GUVNL)
Sardar Patel Vidyut Bhavan,
Race Course, Vadodara – 390007

Sub: Submission of Disaster Preparedness Plan for Monsoon-2026

Ref: GUVNL Letter No. GUVNL/T-2/DE-2/Monsoon-2026/343 dated 06.04.2026

R/Sir,

With reference to the above cited letter, we hereby submit the Disaster Preparedness Plan for Monsoon-2026 of GSECL, prepared in compliance with the guidelines and instructions issued by GUVNL.

The plan covers all the required aspects including communication strategy, deployment of nodal officers, coordination with government departments, availability of materials and safety equipment, emergency control room arrangements, feeder identification for critical consumers, vehicle deployment, team structuring, and communication systems such as VHF/Wireless sets.

All necessary arrangements have been reviewed and incorporated to ensure preparedness for handling emergency situations arising due to natural calamities such as cyclone, flood, and extreme weather conditions during the monsoon period.

We request you to kindly acknowledge the receipt of the same.

Thanking you.

Yours faithfully,


Chief Engineer (Gen)
CO:GSECL:VADODARA

CFWCs to: (By Email)
The Hon'ble MD, GSECL
The ED (Gen) GSECL.



GUJARAT STATE ELECTRICITY CORPORATION LIMITED

DISASTER PREPAREDNESS PLAN FOR MONSOON



April – 2026 (First Edition)

(Prepared by Corporate Safety Department Vadodara)

Introductory Notes

GSECL :	Gujarat State Electricity Corporation Limited.
C.O. :	Corporate Office
C.I.C. :	Chief Incident Controller (Power Station Chief)
E.C.C. :	Emergency Control Room
WTPS :	Wanakbori Thermal Power Station
GTPS :	Gandhinagar Thermal Power Station
UTPS :	Ukai Thermal Power Station
STPS :	Sikka Thermal Power Station
KLTPS :	Kutchchh Lignite Thermal Power Station
UGBPS :	Utran Gas Based Power Station
DGBPS :	Dhuvaran Gas Based Power Station
SPS :	Surendranagar Pumping Station
SSNNL :	Sardar Sarovar Narmda Nigam Limited
SSHEP :	Sardar Sarovar Hydro Electric Project
KHEP :	Kadana Hydro Electric Project
BLTPS :	Bhavnagar Lignit Thermal Power Station
TPS :	Thermal Power Station
GUVNL :	Gujarat Urja Vikas Nigam Limited
GPCB :	Gujarat Pollution Control Board
CPCB :	Central Pollution Control Board
SDRF :	State Disaster Response Force
NDRF :	National Disaster Response Force
CEA:	Central Electricity Authority
CISF:	Central Industrial Security Force
CCTV:	Closed Circuit Television
EMG:	Emergency Management Group
Gol:	Government of India
HR:	Human Resource
NLDC:	National Load Despatch Centre

NTPC: National Thermal Power Corporation
O&M: Operation & Maintenance
RLDC: Regional Load Despatch Centre
SLDC: State Load Despatch Centre
SOP: Standard Operating Procedure
WIC: Works Incident Controller (Factory Manager)

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EXECUTIVE SUMMARY

EMERGENCY PREPAREDNESS PLAN

INTRODUCTION

Industrial safety is a priority issue attracting everybody's concern in order to provide a working environment, which is safe for the work force. A great deal of efforts and money is spent to reduce the scale & probability of hazards in the industries. However, there remains a finite possibility that certain hazards may occur. They can give rise to suffering and damage to a very great extent. Effective action has been possible in the emergency situation, due to existence of pre-planned and practiced procedure for dealing with such emergencies. The objective of the emergency plan is to define in advance the action to be taken at Plant level & departmental level and these actions aim at the protection of the people and property within the Plant boundary and outside.

DEFINITION

A major emergency occurring in the Plant is one that may affect several departments within it and/or may cause serious injuries, loss of life, extensive damage to property or serious disruptions outside the Plant or major environmental damage. The following essential points should be taken care of for the effective implementation of the Emergency Preparedness Plan:

- a. Periodic review and updating of the Plan.
- b. Periodic rehearsal of the plan by way of Mock Drills.
- c. Review and the strengthening of the resources needed.
- d. Training of the site personnel in handling emergency equipment like the use of various Fire Fighting Equipments.

BASIC OBJECTIVES OF EMERGENCY PREPAREDNESS PLAN

- a. Reduce risk to human health & life both within the Plant boundary and outside.
- b. Minimize damage to property both within and outside the Plant boundary.
- c. Liaison effectively with the Government Authorities /Public /Press to avoid a panic situation.
- d. Protect the environment.
- e. Bring down the number of near-miss accidents to a minimum.

CHAPTER – 1

Proper Communication Plan for Emergency Situation

1.1 Communication Facilities -

Communication and information management are the key to any disaster response and recovery plan. Use of modern-day information technology has to play a greater role in incorporating risk assessment, creating procedures, establishing command & control structure and monitoring disaster response activities. Use of the satellite communication system can be effectively made to coordinate the activities of various agencies involved in the relief and restoration work and expedite restoration of normalcy in the shortest possible time. Alternative Communication arrangements, independent of power line communication and normal telephone, should be provided as such communication means are likely to be disconnected during the time of eventualities. These arrangements should be in the form of wireless links and thorough training should be provided for its proper utilization. Power stations should have walkie-talkie sets of appropriate capacity to cover the farthest point of the installation for effective communication. The alternative modes of communication should also be made available in addition to existing modes in emergency situations. Modern technology like drones may also be used for faster response. Each station should have few vehicles with public address system, which can be used to make necessary announcements. Similarly, the main gate/ gates may also have public address facilities for making an announcement.

1.2 Communication Procedure

Procedure of Communication about Emergency to CIC, WIC, Heads and Members of Disaster Management Teams:

Communication to	Responsibility	Message of Communication / what is to be communicated	Communication Channel
CIC (Power Station Chief), WIC (Factory Manager)	Shift In-charge	Details as per Incident Information summary Form & findings of initial assessment of the emergency by him.	Mobile Phone
Heads of DMP Teams	WIC (Factory Manager)	As mentioned above.	Mobile Phone
Members of DMP Teams	Head of DMP Team concern	Briefing the emergency and asking to rush to the site with requisite PPEs and facilities to accomplish defined tasks in the action plan.	Mobile Phone

Procedure of Communication to All employees in the Plant:

Communication to	Responsibility	Message (Sample message for chlorine leakage)	Communication channel
All employees inside the Plant	Shift In-charge	Chlorine Leak has taken place in the Plant and as a result of which chlorine content in the atmosphere may become high. Steps to control the situation are in progress. In the mean time all employees are advised to: - Not to get panicked / worried. - Leave your work locations and report at Assembly Point (Announcement to be made in local language, Hindi & English)	PA System provided in the Control Room
Essential Staff on Plant Control Desks (Rooms)	Shift In-charge	Chlorine Leak has taken place in Plant and as a result of which chlorine content in the atmosphere may become high. Steps to control the situation are in progress. In the mean time Essential staff on Control Desks is advised to: - Direct all non-essential workers to go to assembly point. - Remain in control rooms keeping all the doors, windows tightly closed. - If found necessary, we may evacuate you from Control rooms. - Don't try to come out of the rooms as the chlorine concentration outside may be very high. (Announcement to be made in local language, Hindi & English)	Mobile / Landline / Intercom Phone Or PA System

Procedure of Communication to External Services, District Administration and likely affected Villages:

Communication to	Responsibility	Message	Communication channel
Mutual aid organizations, external/local authorities, etc.	Head of HR	The message should be as advised by CIC (Power Station Chief).	Mobile / landline / Satcom Phone
Empanelled Hospitals	CMO (Chief Medical Officer)	The message depends upon the type & nature of injuries.	Mobile / Landline phone
People in the likely affected villages in the vicinity of Plant		Chlorine Leak has taken place in Power Plant and as a result of which chlorine content in the atmosphere may become high. Steps to control the situation are in progress. In the mean time you are advised to; - Not to get panicked. - Keep the doors and windows tightly - Don't try to come out from closed doors, if you find irritating smell, outside concentration of chlorine maybe much more. - If found necessary, we may evacuate you to the nearest evacuation centre. Be prepared for it. (Announcement to be made in local language, Hindi & English) - Safety precautions to be followed by the affected villagers as communicated.	Mobile PA System with driver & announcer wearing Chlorine gas masks.

Procedure for notifying families of injured employees:

Responsibility	Wording	Communication channel
Senior personnel from (HR) and his identified team after identifying the injured employee's and the severity of injuries.	Wording should be decided according to the situation.	Responsible officer of HR in Case of Serious / fatality. By phone in case of minor injuries.

CHAPTER – 2

List of Nodal Officers from subsidiary including power plants

2.1 GSECL, CORPORATE OFFICE, VADODARA NODAL OFFICER CONTACT DETAILS

Sr. No.	Name	Designation	Mobile No.	Email id
01	Y.S. Ganvit	Chief Engineer (Gen)	99252 08975	cegen.gsecl@gebmail.com
02	Sunil Sharma	Superintending Engineer	9879200748	segt.gsecl@gebmail.com
03	SP SivaKumar	EE(Efficiency)	9687663069	ee.ffi@gebmail.com

2.2 GSECL POWER STATION NODAL OFFICER CONTACT DETAILS

Sr. No.	Name	Designation	Power Station	Mobile No.	Email id
01	H. R. Merchant	CE (C&O)	Gandhinagar TPS	8980031259	wtps.ceg@gebmail.com
02	J.R.Patel	CE (Gen)	Ukai TPS	9879512593	ukaiceg@gebmail.com
03	P.B. Patel	CE(Gen)	Wanakbori TPS	9925208972	ceg.gtgs@gebmail.com
04	H.D. Mundhva	CE(G)	Sikka TPS	9925212948	cegstps.gsecl@gebmail.com
05	P.R. Chaudhari	CE(G)	Khavda Solar	9925208847	cekps.gsecl@gebmail.com
06	D.H. Chuadhari	CE(G)	Dhuvaran GBPS	9925213085	cedtps.gsecl@gebmail.com
07	R.R. Patel	SE(M)	Utran GBPS	9925213137	aceutran.gsecl@gebmail.com
09	S.D. Patel A.N. Patel (Rtd.Dt. 30.6.26)	CE (O&M) CE (O&M)	Sardar Sarovar Sardar Sarovar	9925213142 9925213150	ce.em.ssnl2@gmail.com
10	V.T. Damor	ACE (Gen)	Kadana Hydro EP	9925210774	khep@gebmail.com
11	H.M. Patel	ACE (Gen)	BLTPS - Bhavnagar	9909940739	cebltps.gsecl@gebmail.com
12	R.F. Chaudhari	SE(O&M)	SPS GSECL	9925213052	seonmsps.gsecl@gebmail.com
13	P.R. Patel	CE (Gen)	Khavda Solar	9925210860	cekps.gsecl@gebmail.com
14	M.K. Helaiya	SE	KLTPS, Panandhro	7567797632	cekltps@gebmail.com

CHAPTER – 3

List of Concerned Officers from the Govt. Departments with full Contact Details

3.1 OTHER GOVT. EMERGENCY COMMUNICATION CONTACT NUMBER

Gujarat State Emergency Toll Free Number-1070

Gujarat State Emergency Operation Center (SEOC) (Control room)

(079) 23251900/23251902/23251914 Satellite No.881621467711

District Emergency Operation Center (DEOC)- <STD CODE> - 1077

Sr No	District Disaster Control Room	Contact No
1	Disaster Management Collector Control Room, Vadodara	0265-2427592
2	Disaster Management Collector Control Room, Surat	0261-2465112/2465114
3	Disaster Management Control Room, Tapi	02626-223332
4	Disaster Management Control Room, Gandhinagar	07923251900
5	Disaster Management Control Room, Kheda (Nadiad)	0268-2553357/2553356
6	Disaster Management Control Room, Mahisagar (Lunawada)	02674-252301/252300
7	Disaster Management Control Room, Anand	02692-243222
8	Disaster Management Control Room, Narmada (Rajpipala)	02640-224001
9	Disaster Management Control Room, Bhavnagar	0278-2521555
10	Disaster Management Control Room, Jamnagar	0288-2553404
11	Disaster Management Control Room, Surendranagar	02752-283400
12	Disaster Management Control Room, Kutch-Bhuj	02832-250923

Contact Numbers NDRF / SDRF

Sr. No.	Name & Address	Phone No.	Fax No.	E-mail
1	NDRF Head Quarter, Director General, National Disaster Response Force, 6 th Floor, NDCC-II Building, Jai Singh Road, New Delhi-110001	Control Room 011-23438091 011-23438136 Exchange / Reception 011-23438017 011-23438019	Control Room 011-23438091 011-23438136 Exchange / Reception 011-23438017 011-23438019	hq.ndrf@nic.in;
2	NDRF 6 th Bn. NDRF, Jarod Camp, The-Wagodia, Vadodara - 391510	02668-274470 02668-274245 Mb. No. 09723632166	02668-274245	guj06.ndrf@nic.in ;
3	SDRF Block No. 11, 5 th Floor, Udyog Bhavan, Sector-11, Gandhinagar, Pincode 382011	91-79-23259283	079-23259275 079-23259302	info@gsdma.org;

CHAPTER – 4

Ensuring Availability of all key materials

4.1 AVAILABLE KEY MATERILAS

- a) **Lighting Materials** - Emergency lights, DC operated inverters and diesel generators must be arranged for providing relief when the power supply gets affected during the crisis situation.
- b) **Recovery Equipment and Spares Inventory** - In case of any crisis, it is necessary to have an inventory of recovery equipment and spares available with various power utilities so that these could be pressed into service within the shortest possible time. CEA has issued "Guidelines for availability of Spares and Inventories for Power Station (Boiler, Turbine, other main auxiliaries /equipments of power plants, Transmission Lines & Substation/Switchyard) Assets" and "Advisory on Spare Parts Management in Thermal Power Plants" that needs to be followed by the power utilities.
The overall inventory management system should be digitalized at each level. At national and also at state levels, e-portals should be developed for managing & sharing inventory of spare/restoration equipment required during an eventuality to reduce overall response time for restoration.
- c) **Transport and Other Arrangements** - Arrangements for an adequate number of vehicles for movement of people and materials must be ensured and medical facilities around the clock shall be made available. Arrangements for drinking water supply must also be ensured.
- d) **Black Start Facilities** - Arrangements for a start-up power source for each major installation must be identified. From the point of view of quick restoration of the system, it is necessary that sufficient Black Start resources are available and those should be spread out uniformly throughout the country. This would obviate the need for charging long line sections for purpose of start up supply. Regional Load Despatch Centres have to make necessary plans for this.
- e) **De-watering Pumps** - During flood type situations arising due to any crisis situation, the immediate concern is to minimize the impact of flood water on the generator and other equipment. Availability of de-watering pumps is therefore considered necessary for stations located in flood-prone areas.
- f) **Mobile DG sets** - A sufficient number of mobile DG sets should be available and should be moved immediately to provide emergency relief and for operating the dewatering pumps.

CHAPTER – 5

Tools tackles / Safety Gadgets /first aid boxes at Offices / Stores facilities up to power station level

5.1 PPEs at Each Power Station Level

Following sufficient safety gadgets are available at Each Power Plants.

Type of PPE	Examples of equipment	Protects against
Eye Protection	Glasses, Goggles, face shields	Impact, foreign objects, splashes, burns & more.
Ear Protection Equipment	Ear plugs, Earmuffs	Impact, foreign objects,
Head Protection Equipment	Class A, B or C safety helmet	Impact, overhead penetration, electrical hazards
Personal Fall Protection Systems	Harnesses, restraints, etc.	
Body Protection Equipment	Fire resistant clothing, HAZMAT suits, steel toe boots, latex gloves	Impact, splashes, extreme temperatures, flames, cuts, hazardous chemicals
Lung Protection for healthy air	Self Contained Breathing Apparatus or online respirators	Confined space, chemical environment, oxygen deficiency

5.2 Rescue Tools & Tackles

Understanding Rescue Tools

Rescue tools tackle different emergencies. Floods, fires, and building collapses all need specific equipment.

Hydraulic Rescue Tools

Spreaders: Open jammed doors and lift heavy debris. Create space for safe extrication.

Cutters: Slice through metal, steel frames, and reinforced bars. Ensure fast and safe access.

Rams: Push apart wreckage. Provide room for victim removal.

Battery-Powered Rescue Tools

Cordless tools allow mobility. No hoses or external power needed. Ideal for confined spaces and remote locations. Quick deployment saves time.

Pneumatic Rescue Tools

Airbags: Lift collapsed structures and overturned vehicles. Provide critical access.

Pneumatic Impact Tools: Break concrete, steel, and dense materials. Ideal for forcible entry.

Cutting and Breaking Tools Rescue

Saws: Cut through metal, concrete, and composites. High precision ensures efficiency.

Axes & Halligan Bars: Essential for quick entry. Versatile for different emergency needs.

5.3 Flood Rescue Equipments

Life rescue Tools

Life boya & Life Jackets: Saving LIFE during floods

Emergency light for searching:

Portable Emergency lights

Hand Torchs

5.4 First Aid Kit at Each Department of Each Power Plants including Offices

First aid boxes are essential emergency storage containers for each department or office, canteen etc, featuring items like bandages, antiseptics, scissors, and medications.

Essential First Aid Kit Contents:

A well-stocked kit should include:

- Wound Care: Adhesive bandages (various sizes), sterile gauze pads, adhesive tape, crepe bandages, antiseptic wipes, antibiotic ointment.
- Tools: Scissors, tweezers, safety pins, disposable non-latex gloves,
- Medications: Pain relievers (paracetamol/ibuprofen), antihistamines, antacids, hydrocortisone cream.
- Miscellaneous: Instant cold packs, antiseptic liquid, hand sanitizer, emergency blanket.

Occupational Health Centre:

Each GSECL Power Station having well equipped OHC with medical manpower.

Store Facilities:

Each Emergency items are stored at specific locations and ensure through rehearsal and audits.

Location: Civil Store

Electrical Store

Workshop Store

CHAPTER – 6

Ensuring 24 x 7 availability of communication systems of emergency control rooms. Location wise Lists

6.1 Emergency Control rooms location wise List all GSECL Power Plants

Sr. No.	POWER STATION	EMERGENCY CONTROL ROOM	ALTERNATE EMERGENCY CONTROL ROOM
0	GSECL, CO, Vadodara	Location	GSECL Disaster control room
		contact number	9909925819
		e-mail address	monsoonreport.gsecl@gebmail.com
1	Ukai TPS	Location	Unit-5 Control Room
		contact number	9687663990 –TPS 02624-233510-Hydro
		e-mail address	eeecr3ukai.gsecl@gebmail.com -TPS ukaihps.gsecl@gebmail.com ; Hydro
2	Wanakbori TPS	Location	Switchyard Control Room
		contact number	9909932709
		e-mail address	wtps.swyd@gebmail.com
3	Gandhinagar TPS	Location	Unit-3 & 4 Control Room
		contact number	9687639523/24
		e-mail address	sce.optstage2@gebmail.com
4	Sikka TPS	Location	Unit-3 & 4 Control Room
		contact number	7069025361/8141439302 +91-288-2345817
		e-mail address	sce3_4stps.gsecl@gebmail.com
5	Kachcha Lignite TPS	Location	Unit-3 Control Room
		contact number	02839-264441 / 9687607223
		e-mail address	eeshift3kltps.gsecl@gebmail.com
6	Dhuvaran GBPS	Location	CCPP-3 Control Room
		contact number	7567877389
		e-mail address	dtpsecc3ccpp.gsecl@gebmail.com
7	SSHEP	Location	RBPH Control Room
		contact number	02640-232101, 02640-232565 6359933142
		e-mail address	scerbph.sshep.gsecl@gebmail.com
		Location	CHPH Control Room
		contact number	02640-233025 6359900626
		e-mail address	scechph.sshep.gsecl@gebmail.com
8	KHEP	Location	Power House Control Room
		contact	02675-237554, 9979889925

		number		
		e-mail address	eeshift.kadana@gebmil.com	eetech.kadana@gebmil.com
9	Utran GBPS	Location	Unit Control Room	Executive Engineer(Technical) Office,Adm.Building
		contact number	9825243072 / 9825218090	0261-2499153 /8141266573
		e-mail address	370mwccpp2.utran@gmail.com ; seeutran.gsecl@gebmil.com ;	techutran.gsecl@gebmil.com
10	SPS	Location	Pumping station-2 Control Room, Lakhtar	Office of SE, Surendranagar
		contact number	9879161563	9925213052
		e-mail address	ps2.sps@gebmil.com	eeop.sps@gebmil.com ; op.sps@gebmil.com
11	Bhavnagar Lignite TPS	Location	Unit 1-2 Control Room	EE(Tech) / LWO Office,Adm.Building
		contact number	9727762552	9925212863/ 6359873299
		e-mail address	deopr1bltps.gsecl@gebmil.com	eetechbltps.gsecl@gebmil.com , lwobltps.gsecl@gebmil.com

6.2 Emergency Control room's location wise List all Solar Power Plants

Sr. No.	Reporting Station	Solar Power Plants location	Capacity in MW	QCA	Emergency C/R Number
1.	Gandhinagar TPS	Charanka	10	Kreate Tech. Pvt LTD	9913412383
2.		Chandrasan	1	NA	9879641788
3.		GTPS Ash Dyke	1	NA	7874583948
4.		Chandarva	30	TATA Power Trading Comp LTD	9723566352
5.		Khandiya	35	Unilink	7574005308
6.		Raghaneshda -I	100	TATA Power Trading Comp LTD	8799102218
7.		Raghaneshda -II	100	TATA Power Trading Comp LTD	9510294554
8.		Pachham	40	TATA Power Trading Comp LTD	9061998328
9.		Vitthalpar	15	RE Connect	6357985166
10.		Vasundhara	14	RE Connect	8460806115
11.		Jambudia Vidi	11	RE Connect	8511162046
12.		Lunsar	30	RE Connect	8830132025
13.		Hasanpar	13	RE Connect	8830132025
14.		Khanpar	10	Unilink	6265665456
15.		Agriculture based	1	NA	8460043238

		Solar PV Project, STPS			
16.	Sikka TPS	Haripar Solar Project (Jamnagar)	40	RE Connect	02895-296242
17.		Chhattar Solar Project (Jamnagar)	15	Manikaran	9875023545
18.		Babarzar Solar Project (Jamnagar)	210	Kreate Tech. Pvt LTD	7046345565
19.	Bhavnagar LTPS	Palitana	25	RE Connect	9426643330
20.		Sanes	55	TATA Power Trading Comp LTD	9334641190
21.		Anida	10	Unilink	7878979679
22.		Paravadi	10	Unilink	9714610211
23.		Badeli (Songadh)	45	RE Connect	8799698585
24.	Dhuvaran GBPS	DGBPS Solar-1	75	RE Connect	9925898827
25.		DGBPS Solar-2	75	TATA Power Trading Comp LTD	8128266817
26.	KLTPS	KLTPS 1 MW SOLAR	1	NA	9537923595
27.		KLTPS 35 MW BESS SOLAR	35	RE Connect	9023501478
28.		Lakadiya	35	Unilink	8849439483
29.		Manjal	10	Unilink	9724155270
30.		Chhadavada	34	Unilink	7984562142
31.		Sukhpar	15	Unilink	
32.	Utran GBPS	Mora	16	RE Connect	8007018751
33.	Khavda	South Block Khavda C/R	3325		9974443621

CHAPTER – 7

**Drawings and Maps
showing location of
power plants /
substations /offices/
feeders /approach
roads etc. shall be
made available in
Control room**

7.1 Drawings and Maps of Power Plants, offices etc.

Drawings and Maps related location of power plants, substations, offices, feeders, approach roads etc. shall be available in Emergency Control Room of Each GSECL Power Plants.

Alos, this Drawings and Maps incorporated in On-site Emergency Plan / Disasater Plan of individual Power Plants.

Regualr rehearsal / mock drills shall be done by Each Power Plants as per directives by Central Electricity Authority (CEA) guidelines.

Responsibilities shall be fixed to Shift Charge Engineer of all Emergency Control Room and all Drawings and Maps shall be kept in his /her custody.

CHAPTER – 8

Identification of feeders supplying power supply to important consumers including Hospitals, Govt. Offices, Govt. Shelters Homes etc.

8.1 IDENTIFICATION OF FEEDERS SUPPLYING POWER IMPORTANT CONSUMERS

GSECL Power Plants: Main Customer:

SLDC: State Load Dispatch Centre:

Emergency Control Room Number SLDC: Mb. No 9879200620

NLDC: National Load Dispatch Centre:

Emergency Control Room Number NLDC: Mb. No 9899636204

CHAPTER – 9

All Types of Vehicles

9.1 Types of Vehicles available at Power Plants

Following types of Vehicles are available with Each GSECL Power Plants including Some vehicles are contract basis. These vehicles shall be utilised during disaster emergency cases on war basis.

1. Fire Tenders
2. Fire Jeeps
3. Ambulances
4. Cars
5. Buses
6. Jeeps
7. Hydra Crane
8. Trucks
9. Fork lifts
10. Tractors
11. Dozers
12. JCBs
13. Bikes

CHAPTER – 10

Details of Departmental Teams & Contractor Teams

10.1 Essential Staff Team Management

In plants/substations immediately affected or likely to be affected as decided by the EMG, efforts shall be made to shut it down and make the process units safe. This work shall be carried out by the plant/substation's supervisors and essential operators. It will also be the responsibility of the EMG to remove all non-essential staff to assembly points.

EMG should identify the essential staff and form a task force that reports at defined locations so that they can be readily contacted. It would also be desirable to form certain teams at the local level who could be given specific responsibilities required to be carried out, as detailed below.

Task force

Team Member: 1. Factory Manager
2. Suprentending Engineer Operatrion Department
3. Executive Engineer Efficency Department
4. Expert Staffs

- a) Identify the crisis situation and try to neutralize/contain it.
- b) Isolate the remaining plant/substation and keep it in a safe condition.
- c) Organize safe shut down of the plant/substation, if necessary.
- d) Organize all support services like operation of fire water pumps, sprinkler systems etc.
- e) Any other responsibility as decided by Team Leader, looking into the circumstances at the time of the crisis.

Maintenance team

Team Member: 1. Suprentending Engineer Concerned Department
2. Executive Engineer Concerned Department
3. Expert Engineers /Technicians
4. Contractor Supervisor

Role:

- a) Attend to all emergency maintenance jobs on a priority basis.
- b) Take steps to contain or reduce the level of crisis.
- c) Organize additional facilities as required.
- d) Any other responsibility as decided by team leader, looking into the circumstances at the time of the crisis.

Security Team

Team Member: 1. Security Head of Power Plant

2. Experienced Arm Guard / civil guard
3. Local Police Department Staffs

Role:

- a) Sufficient Security guards provides all the gates.
- b) Bar entry of unauthorized persons and non-essential staff.
- c) Permit with minimum delay the entry of all authorized personnel and outside agencies, vehicles, etc. who have to provide assistance.
- d) Allow ambulances/evacuation vehicles on a priority basis.
- e) Any other responsibility as decided by team leader, looking into the circumstances at the time of the crisis.

Administrative team

Team Member: 1. HR Department Head
2. Labour Welfare Officer
3. Time Keeper
4. One Security Personnel

Role:

- a) Rescue casualties on a priority basis.
- b) Transport casualties to first aid post, safe places or medical centres.
- c) Account for personnel.
- d) Help in the search for missing personnel.
- e) Any other responsibility as decided by team leader, looking into the circumstances at the time of crisis.
- f) Pass information to the kith and kin of fatal and injured persons.

Safety team

Team Member: 1. Safety Department Head
2. Dy. Safety Officer
3. Technical Assistant i.e. Engineer
4. Expert from O&M Personnel

Role:

- a) Arrange suitable safety requirements in adequate numbers.
- b) Arrange to measure polluted gas concentration in case of gas leaks at various locations.
- c) Collect and preserve evidence in connection with the accident, guide authorities on all safety-related issues.
- d) Any other responsibility as decided by team Leader, looking into the circumstances at the time of crisis.

Medical team

Team Member: 1. Factory Medical Officer
2. Nurse
3. Technical Assistant
4. Ambulance Driver cum Operator

Role:

- a) Arrange first aid material/stretchers and reach the accident site quickly.
- b) Arrange for immediate medical attention.
- c) Arrange for sending the casualties to various hospitals and nursing homes etc.
- d) Ask specific medical assistance from outside including through medical specialists.
- e) Any other responsibility as decided by team Leader, looking into the circumstances at the time of the crisis.

Fire Fighting Team

Team Member: 1. Concerned Engineer looked the Fire Station
2. Fire Station Head
3. Technical Assistant i.e. Engineer
4. Expert from O&M Personnel

Role:

- a) Rush to the fire spot to extinguish the fire.
- b) Seek help from external firefighting agencies as required.
- c) Evacuate persons affected due to whatsoever reasons.
- d) Any other responsibility as decided by team leader, looking into the circumstances at the time of crisis.

Auto Base Team

Team Member: 1. Suprentending Engineer Concerned Department
2. Executive Engineer (Workshop) Department
3. Technical Assistant i.e. Engineer
4. Supervisor from Vehicle Contract

Role:

- a) Make the whole auto base vehicles ready to proceed for evacuation or other duties when asked for.
- b) Send at least one mechanic to the site of incidence where he may help in attending minor defects in an ambulance, fire tenders or other vehicles.
- c) Arrange the petrol/diesel supply.
- d) Make all arrangements regarding transportation.
- e) Any other responsibility as decided by team leader, looking into the circumstance at the time of crisis.

Communication Team

Team Member: 1. Suprentending Engineer (Electrical) Department
2. Executive Engineer (Electrical) Department
3. Technical Assistant i.e. Engineer

Role:

- a) Maintain the communication network in working condition.
- b) Attend urgently repairs in the communication system, if required.
- c) Any other responsibility as decided by team Leader, looking into the circumstances at the time of crisis.

IT Team

Team Member: 1. IT Department Head
2. Technical Assistant i.e. Engineer
3. Expert Service Engineer (IT Contractor)

Role:

- a) Assessing the impact of a disaster on critical systems and applications.
- b) Designing and implementing backup and restoration strategies, such as off- site data replication and redundant infrastructure.
- c) Conducting regular tests and simulations to validate the effectiveness of the recovery plan.
- d) Monitoring and managing the recovery process to ensure the restoration of normal operations.

Support Teams

Legal & Govt. /Outer Organoization related Matter:

Team Member: 1. HR Department Head
2. Industrial Relation Officer
3. Expert Staffs

Role:

- a) Contact statutory authorities.
- b) Arrange for relievers and catering facilities.
- c) Give information to the media.
- d) Liaison with District Authorities for necessary assistance.
- e) Arrange shelters for affected in medical centres nursing homes etc.

Material Team:

Team Member: 1. Suprentending Engineer (Store) Department

2. Executive Engineer (Store) Department
3. Executive Engineer (P&C) Department
4. Store Keeper

Role:

- a) Contact statutory authorities.
- b) Arrange for relievers and catering facilities.
- c) Give information to the media.
- d) Arrange shelters for affected in medical centres nursing homes etc.
- e) Any other responsibility given by Station in-charge.

Finance Team:

- Team Member:
1. Account Department Head
 2. Head Clerk Account
 3. Expert Staffs

Role:

- a) Contact Bank, Finance & statutory authorities.
- b) Arrange for funds for various relief measures as well as emergency purchase of materials, sending his representative for emergency purchase.
- c) Arrange for urgently required materials through cash purchase or whatever means.
- d) Any other responsibility given by station in-charge.

Essential Services team

- Team Member:
1. Chairman of Recreation Club
 2. Secretary of Recreation Club
 3. Members of such Committee
 4. Canteen Contractor

Role:

- a) Maintaining continuous supplies of food, medicines etc.
- b) Making emergency arrangements.
- c) Keeping the station in-charge fully informed about the latest situation on the maintenance of emergency arrangements.
- d) Provision of facilities like rest/ sleep, daily needs etc. in the plant premises

CHAPTER – 11

VHF /Wireless /Setellite Sets Details and Location

11.1 VHF /Wireless /Setellite Set Details & Location

Sr. No.	Name of Power Station	VHF Sets / Walkie Talkie	Wireless /Setellite Set
1.	Wanakbori Thermal Power Plant	52 nos	NIL
2.	Ukai Thermal Power Plant	58 nos	01
3.	Gandhinagar Thermal Power Plant	08 nos	01
4.	Sikka Thermal Power Plant	45 nos	01
5.	Bhavnagar Lignite Thermal Power Plant	04 nos with M/s KEPCO KPS	NIL
6.	Kutch Lignite Thermal Power Plant	14 nos	01
7.	Dhuvaran Gas Based Power Plant	10 nos	NIL
8.	Utran Gas Based Power Plant	15 nos	NIL
9.	SSHEP	03 nos	NIL
10.	Kadana Hydro Power Plant	10 nos	NIL
11.	Surendranagar Pumping Station	NIL	NIL
