

WORK ANALYSIS MATRIX FORM INSTRUCTIONS (ICS FORM 234-CNP)

Purpose. The Work Analysis Matrix is designed to communicate the tactics to achieve the operational objectives and the resource requirements needed to fulfill those tactics.

Preparation. The Work Analysis Matrix is completed by the Situation Planners assisting the Operations groups and Evaluation Centers.

Distribution. The ICS 234 is stored on the Electric Emergency Operations SharePoint site under the “ICS Forms” tab. A folder specific to an event will be created by Situation Planning and all related ICS forms will be stored there. In addition, each copy should be stored as part of the daily Incident Action Plan (IAP).

<u>Item #</u>	<u>Item Title</u>	<u>Instructions</u>
1	Incident Name	Enter the name of the incident.
2	Prepared By	Enter the name and position of the person preparing the form.
3	Operational Period Date	Enter the operational period date for which the form applies.
4	Incident Objective	Enter the relevant Operational Objective(s) from the ICS 202.
5	Tactics	Enter the strategies that will be used to meet the objective(s). Tactics should be “SMART”: <ul style="list-style-type: none"> • Specific • Measureable • Assignable • Reasonable • Time-related
6	Additional Resource Requirements	Summarize any additional resources that will be required in order to accomplish the tactics outlined.

Tactics Worksheet

ICS 234-CNP

<p>1. Incident Name: May 16, 2024 Storm Event</p>	<p>2. Prepared By: Myrna Saavedra Flores - Human Resources @ 1600 5/21/24</p>	<p>3. Operational Period Date: 5/22/2024</p>
<p>4. <u>Incident Objective</u> <i>(from 202)</i></p>	<p>5. <u>Tactics</u></p>	<p>6. <u>Additional Resource Requirements*</u></p>
<p>1) Communicate to all internal & external workforce importance of safe work practices.</p>	<p>Continue to communicate to all HR employees out on EOP assignments the importance of safety and surroundings. Advise employees if activated and sent to the field to monitor weather and to dress accordingly.</p>	<p>N/A</p>
<p>2) Execute plans to substantially complete (< 20,000 customers from storm event) restoration activities as safely and quickly as possible.</p> <ul style="list-style-type: none"> • Document action plans for Transmission, Substation, and Distribution. • Provide ETR data by area/community by 10:00 AM and 3:00 PM. • Provide school district ETR data by 10:00 AM. 	<p>n/a</p>	

<p>3) Return Outage Tracker to normal operations by end of day, including ETRs.</p>	<p>n/a</p>	
<p>4) Execute internal and external communication plans. (Public Affairs, Regulatory, Government Affairs, Rating Agencies, Investor Relations, Employees, Contractors, and Customers).</p> <ul style="list-style-type: none"> • Provide outbound ISD communication by 12:00 PM. • Provide external communications by 12:00 PM, 6:00 PM, and 9:00 PM. • Finalize PUCT/external communication materials. • Provide a minimum of 20 social media posts on various channels. 	<p>n/a</p>	
<p>5) Develop and execute demobilization and post-storm recovery plans.</p> <ul style="list-style-type: none"> • Develop financial framework and identify 	<ul style="list-style-type: none"> • HR Command Center will be demobilized at 5pm on Friday, May 24th. • All HR Hotline requests were completed as of 5/20. 	

<p>resources for post-storm recovery.</p> <ul style="list-style-type: none">• Monitor and track all internal and external resources.	<ul style="list-style-type: none">• Childcare services will be offered through 5/24• Employee 1st Fund grant applications will be monitored through normal course of business.	
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** **Note:** If additional resources are required, be sure to complete the 213-RR. Those forms are submitted to the Resource Acquisition Team and a copy is stored on the Electric Emergency Operations SharePoint site under the “ICS forms” tab.*

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6	Additional Resource Requirements	Summarize any additional resources that will be required in order to accomplish the tactics outlined.

Tactics Worksheet

ICS 234-CNP

<p>1. Incident Name: May 16, 2024 Storm Event</p>	<p>2. Prepared By: Judy Rodriguez - AirOps @ 13:12 05/21/2024</p>	<p>3. Operational Period Date: 5/22/2024</p>
<p>4. <u>Incident Objective</u> <i>(from 202)</i></p>	<p>5. <u>Tactics</u></p>	<p>6. <u>Additional Resource Requirements*</u></p>
<p>1) Communicate to all internal & external workforce importance of safe work practices.</p>	<p>Will communicate with AirOps team to ensure they are safe. AirOps team is currently working remotely, and pilot deployed in the field.</p>	
<p>2) Execute plans to substantially complete (< 20,000 customers from storm event) restoration activities as safely and quickly as possible.</p> <ul style="list-style-type: none"> • Document action plans for Transmission, Substation, and Distribution. • Provide ETR data by area/community by 10:00 AM and 3:00 PM. • Provide school district ETR data by 10:00 AM. 		

<p>3) Return Outage Tracker to normal operations by end of day, including ETRs.</p>		
<p>4) Execute internal and external communication plans. (Public Affairs, Regulatory, Government Affairs, Rating Agencies, Investor Relations, Employees, Contractors, and Customers).</p> <ul style="list-style-type: none"> • Provide outbound ISD communication by 12:00 PM. • Provide external communications by 12:00 PM, 6:00 PM, and 9:00 PM. • Finalize PUCT/external communication materials. • Provide a minimum of 20 social media posts on various channels. 	<p>Will continue working with corporate communication and executive team’s requests for drone aerial photography. Edgar Guzman, company pilot, anticipates completion of all AirOps missions by Friday, May 24, 2024.</p>	
<p>5) Develop and execute demobilization and post-storm recovery plans.</p> <ul style="list-style-type: none"> • Develop financial framework and identify 	<p>After completion of all drone requests (5/24/2024), AirOps Team will meet remotely to discuss drone flights, cost incurred and lessons learn from EOP event.</p>	

<p>resources for post-storm recovery.</p> <ul style="list-style-type: none">• Monitor and track all internal and external resources.	<p>Additionally, drone contractors will be notified that services were not required for the EOP event.</p>	
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6	Additional Resource Requirements	Summarize any additional resources that will be required in order to accomplish the tactics outlined.

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC
PROJECT NO. 56822
INVESTIGATION OF EMERGENCY PREPAREDNESS AND RESPONSE**

**PUBLIC UTILITY COMMISSION OF TEXAS
REQUEST NO.: PUC-RFI01-024**

QUESTION:

Electric Utilities – Emergency Planning and Event Response

If available, please provide the IAP for Hurricane Beryl. If not available, provide an estimate as to when the IAP for Hurricane Beryl will be available and supplement your responses to Staff's First Set of RFIs to CenterPoint Energy with a copy of that IAP once it becomes available.

ANSWER:

Attached are the IAPs for Hurricane Beryl. Please note that internal phone numbers have been redacted.

SPONSOR:

Chasta Martin

RESPONSIVE DOCUMENTS:

PUC-RFI01-024 - 20240709 Hurricane Beryl IAP Final_signed_Redacted
PUC-RFI01-024 - 20240710 Hurricane Beryl IAP_FINAL_signed_Redacted
PUC-RFI01-024 - 20240711 Hurricane Beryl IAP_FINAL_signed_Redacted
PUC-RFI01-024 - 20240712 Hurricane Beryl IAP_FINAL_signed_Redacted
PUC-RFI01-024 - 20240713 Hurricane Beryl IAP_FINAL_signed_Redacted
PUC-RFI01-024 - 20240714 Hurricane Beryl IAP_FINAL_signed_Redacted
PUC-RFI01-024 - 20240715 Hurricane Beryl IAP_FINAL_signed_Redacted
PUC-RFI01-024 - 20240716 Hurricane Beryl IAP_signed_Redacted
PUC-RFI01-024 - 20240717 Hurricane Beryl IAP_FINAL_signed_Redacted
PUC-RFI01-024 - 20240718 Hurricane Beryl IAP_FINAL_signed_Redacted



CenterPoint Energy
Emergency Operations Center

Incident Action Plan (IAP)

Hurricane Beryl

Operations Period:
07/09/2024 6:00 AM – 07/09/2024 10:00 PM

Prepared By:
Treemonisha Smith, Planning Section Chief

Approved By:

A handwritten signature in black ink, appearing to read "Randy Pryor", written over a horizontal line.

Randy Pryor, Incident Commander



CenterPoint Energy
Emergency Operations Center

Incident Action Plan (IAP)

Hurricane Beryl

Operations Period:
07/09/2024 6:00 AM – 07/09/2024 10:00 PM

Prepared By:
Treemonisha Smith, Planning Section Chief

Approved By:

Randy Pryor, Incident Commander



INCIDENT OBJECTIVES AND SITUATION UPDATE (ICS 202-CNP)

1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/09/2024 Date To: 7/09/2024 Time From: 6:00 AM Time To: 10:00 PM
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3. Situation Summary: Describe the event, the affected portion(s) of the territory, the number of customers without power, impacted circuits, substations and other facilities and other factors critical to the event

Hurricane Beryl made landfall in Matagorda early Monday morning, July 8, as a powerful Category 1 hurricane. The storm continued to push north and east through Galveston and the eye going through downtown Houston around 9:00 AM. The storm produced strong winds as high as 97 mph causing significant property damage, tree damage, and downed power lines. Texas Gas received 1,200 emergency orders on Monday after the storm, which was the most ever received in Texas and 6 times the normal load. CenterPoint Houston Electric outages peaked at 2.265 million customers. Damage to transmission infrastructure was also reported. Cellular service remains impacted throughout the region.

CEHE Impact Numbers as of 1:00 PM 07/09/2024

Customers	Circuits	Fuses	Transformers	Locals
1,664,927	1,101	2,767	1,774	3,279

Texas Gas Impact Numbers

Orders
1,200

4. Mission Objectives:

- Establish restoration targets by Tuesday, July 9, 2024 by 12 noon. (Electric Ops)
- Complete 50% of restoration through cut and clear by noon on July 10, 2024, Wednesday. (Electric Ops)
- Circuit cut and clear timing objectives: (Electric Ops)
 - ✓ 25% EOD Monday
 - ✓ 75% EOD Tuesday
 - ✓ 100% 12 noon Wednesday
- Complete damage assessment by Thursday, July 11, 2024 at 2:00 PM, with internal resources and supplement with mutual assistance crews. (Electric Ops)
- Disseminate updated outage data, resource counts, ETR policy, and impacted areas to our external partners every four hours. (JIC)
- Develop flood impact patrol maps by EOD Monday, July 8, 2024. (Gas Ops)
- Complete damage assessment by EOD Tuesday, July 9, 2024. (Gas Ops)
- Substantially complete with response and resume normal operations by EOD Wednesday, July 10, 2024. (Gas Ops)

4a. Mission Supporting Objectives

- Deploy aerial resources as soon as safe. (Electric Ops)
- Deploy all remaining crews arriving. (Electric Ops)
- Complete 75% cut and clear with mutual assistance by EOD Tuesday, July 9, 2024. (Electric Ops)
- Deploy mobile generation resources in accordance with pre-approved list of prioritization within 24 hours. (Electric Ops)

7. Prepared by: Treemonisha Smith	Position/Title: Planning Section Chief
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1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/09/2024 Date To: 7/09/2024 Time From: 6:00 AM Time To: 10:00 PM
4a. Mission Supporting Objectives (continued) <ul style="list-style-type: none"> • Deploy 5MW units for mid-span within 24 hours (pick up larger #s of residential and customer mix based on extensive damage to portions of a circuit) (Electric Ops) • Deploy smaller units per priority table within 24 hours [anticipated to be used primarily cooling centers (33 of 47 identified ones appear viable) and then groceries with pharmacy, gas, and grocery (hospitals and others generally have backup, and schools are out)]. (Electric Ops) • Deploy mobile generation based on customer prioritization index as additional units become available. (Electric Ops) • Staging sites established by 6:00 PM Monday, July 8, 2024 with resource check-in, traffic cones, safety onboarding, bathrooms, security, bussing to hotels for Fort Bend, Reed Road, Sam Houston, and Brazoria. (Logistics) • Equip staging sites by 5:00 AM Tuesday, July 9, 2024 with resources (materials, water, Gatorade, lunch) required in order to deploy crews. (Logistics) • Staging sites to be fully operational with dinner service, lodging, and bussing for mutual assistance by Tuesday, July 9, 2024 at 5:00 PM. (Logistics) • Secure hotels/man camps and bussing to support external mutual assistance and vegetation management crews and internal personnel by Tuesday, July 9, 2024 at 4:00 PM. (Logistics) • Secure mobile generation assets in CEHE footprint and support deployment of units as needed with delivery, fueling, fencing based on prioritization noted. (Logistics) • Secure resources to address potential internal resource gaps detailed by operational support teams by Tuesday, July 9, 2024 at 12 noon. (Logistics) • Develop a strategy and narrative with key issues and sentiment metrics driving the approach each morning at 8:00 AM. (Comms) • Create and send out two news releases each day by 10:30 AM and 3:30 PM. (Joint Comms) • Send at least two informational updates to employees during the activation. (Internal Comms) • Maintain and monitor all social media channels and create at least 10 posts daily with an emphasis on “in the field” visuals damages and CNP’s restoration work including Mobile Gen. (Joint Comms) • Conducts 5-8 media interviews daily, with the potential for higher numbers based upon demand. (Joint Comms) • Proactively deploy a media briefing approach at key times during the response to enhance efficiency and effectiveness of media outreach. (Joint Comms) • Identify and meet ongoing needs of section leaders and their teams, including Utility Marketing’s support for Customer Experience’s efforts (e.g., produce daily service center outage update). (Joint Comms) 	
7. Prepared by: Treemonisha Smith Position/Title: Planning Section Chief	
ICS 202-CNP, Page 2	



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/09/2024 Date To: 7/09/2024 Time From: 6:00 AM Time To: 10:00 PM
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5. Key Account Outages

Priority	Count
COGEN	1,930
SEWERLFT	1,291
WTROTHER	788
SEWERTH	327
SEWERTMT	283
WTRWELL	230
WTRPMPNG	186
FIRESTA	180
WTRTREAT	106
HEALTHSV	105
HOSPITAL	62
POLICE	52
WARMING	47
HUMANSVC	24
TRANSTAR	23
COLLEGE	22
JAIL	16
FIREOTHR	10
EMGYMGMT	6
AIRPORT	3
NASA	3
PORT	2
Grand Total	5,696

6. Incident Action Plan (the items checked below are included in this Incident Action Plan):

- | | | |
|---|--|---|
| <input type="checkbox"/> ICS 203-CNP | <input checked="" type="checkbox"/> ICS 207-CNP | <u>Other Attachments:</u> |
| <input checked="" type="checkbox"/> ICS 204-CNP | <input checked="" type="checkbox"/> ICS 208-CNP | <input checked="" type="checkbox"/> <u>Mobile Generation Priority Table</u> |
| <input type="checkbox"/> ICS 205-CNP | <input checked="" type="checkbox"/> ICS 230-CNP | <input type="checkbox"/> _____ |
| <input type="checkbox"/> ICS 205A-CNP | <input checked="" type="checkbox"/> Map/Chart | <input type="checkbox"/> _____ |
| <input type="checkbox"/> ICS 206-CNP | <input type="checkbox"/> Weather Forecast/Tides/Currents | <input type="checkbox"/> _____ |

7. Prepared by: Treemonisha Smith **Position/Title:** Planning Section Chief

MEDICAL PLAN (ICS 206-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period:		Date: 7/9/24	7/9/24
				Time From: 6:00 AM	Time To: 10:00 PM
3. Medical Aid Stations: N/A					
Name	Location	Contact Number(s)	Paramedics on Site?		
AMR Houston	NRG	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Reed Rd	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Brazoria County Fairgrounds	832-995-6288	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
AMR Houston	Sam Houston Raceway Park	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No		
5. Hospitals:					
Hospital Name	Address	Contact Number(s)	Trauma Center	Burn Center	Helipad
Memorial Hermann Memorial City	921 Gessner Road Houston, Texas 77024	713-242-3000	<input checked="" type="checkbox"/> Yes Level:4	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Medical Center	6411 Fannin St Houston, Texas 77030	713-704-4000	<input checked="" type="checkbox"/> Yes Level:1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
UTMB Galveston	901 Harborside Drive Galveston, TX 77555	409-722-1011	<input checked="" type="checkbox"/> Yes Level:1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Cypress	27800 Northwest Freeway, Cypress, TX 77433	346-231-4000	<input checked="" type="checkbox"/> Yes Level 2	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Humble	9813 Memorial Blvd, Humble, TX 77338	(281) 913-3550	<input checked="" type="checkbox"/> Yes Level: __	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann The Woodlands Hospital	9250 Pinecroft Dr, The Woodlands, TX 77380	(713) 897-2300	<input checked="" type="checkbox"/> Yes Level: 2	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Katy	23900 Katy Freeway, Katy TX 77494	(281)644-7111	<input checked="" type="checkbox"/> Yes Level: __	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
ICS 206-CNP IAP Page 4					

1. Incident Name: Hurricane Beryl		2. Operational Period:		Date: 7/9/24	7/9/24
				Time From: 6:00 AM	Time To: 10:00 PM
UTMB Health Angleton ER	132 E Hospital Dr, Angleton, TX 77515	(979) 848-9131	<input checked="" type="checkbox"/> Yes Level: ___	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Hospital Mainland	6801 Ennett F Lowry Expy, Texas City, TX 77591	(409)938-5000	<input checked="" type="checkbox"/> Yes Level: _1__	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Herman Emergency Center at Southeast Hospital	11800 Astoria, Houston, TX 77089	(281)929-6100	<input checked="" type="checkbox"/> Yes Level: _1__	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Houston Tomball	605 Holderrieth Blvd, Tomball, TX 77375	(281)401-7500	<input checked="" type="checkbox"/> Yes Level: _1__	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

6. Medical Emergency Procedures:

Report any incidents per normal operating procedures. Contact RTO for Life Flight services.
Notify your local safety specialist if any assistance is needed.
They are available by cell phone.

Kevin Sheffield	Safety Coordinator	[REDACTED]
Ryan Friesz	Safety Coordinator	[REDACTED]
Skyler Thomson	Safety Coordinator	[REDACTED]
Tyler Bielski	Safety Coordinator	[REDACTED]
Ryan Rutherford	Safety Coordinator	[REDACTED]
Wayland Smith	Public Safety	[REDACTED]
Dustin Krantz	Public Safety	[REDACTED]
Brett Richardson	Public Safety	[REDACTED]

7. Prepared by Name: Jon Nixon ICS Title: Safety Administration Manager

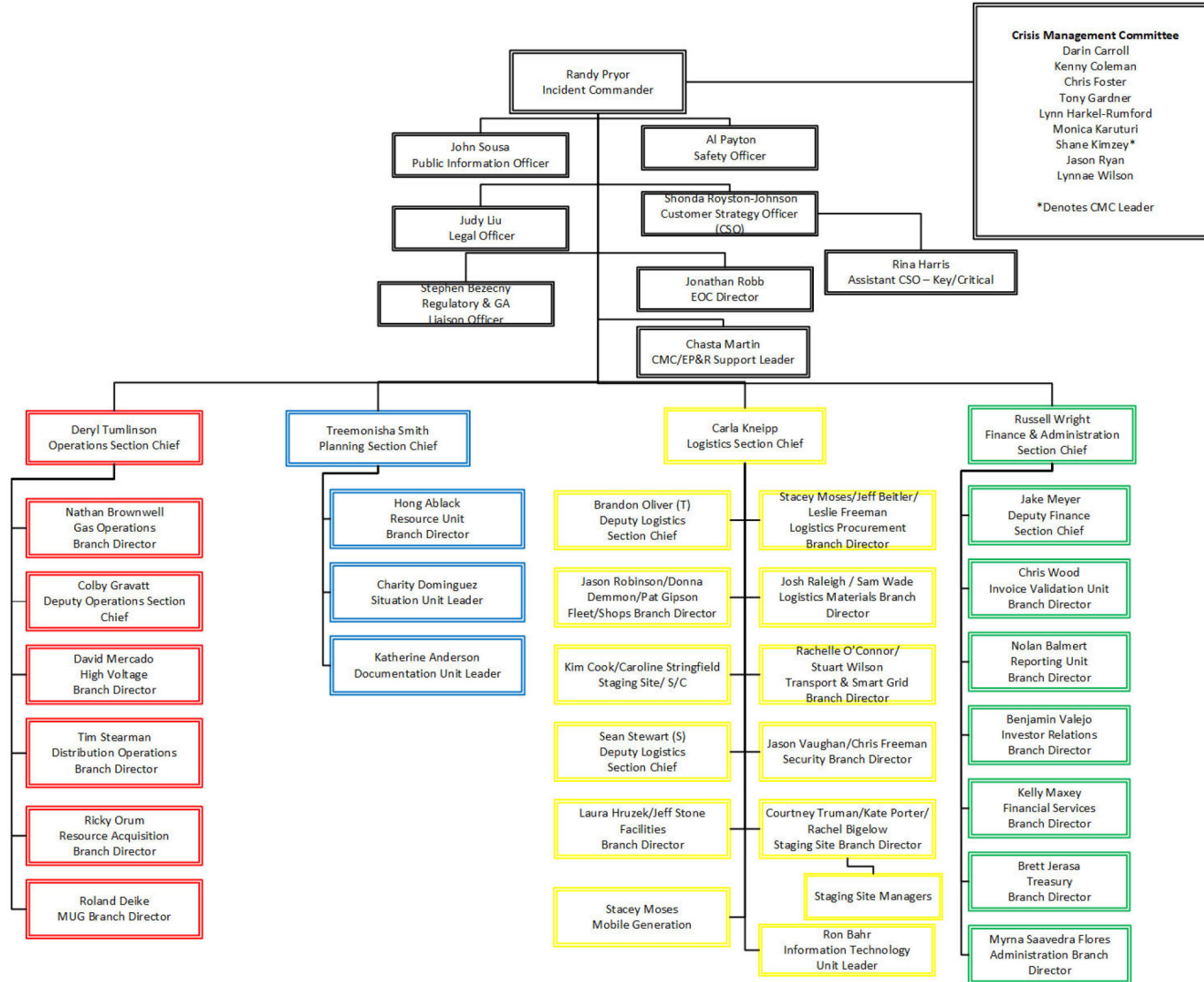
8. Approved by (Safety Officer): Name: Al Payton



ORGANIZATION CHART (ICS 207-CNP)

1. Incident Name: Hurricane Beryl
2. Operational Period: Date From: 7/09/2024 Date To: 7/09/2024
Time From: 6:00 AM Time To: 10:00 PM

3. Organizational Chart





SAFETY MESSAGE/PLAN (ICS 208-CNP)

1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 07/09/24 Date To: 07/09/24 Time From: 06:00 AM Time To: 10:00 PM	
3. Safety Message/Expanded Safety Message, Safety Plan, Site Safety Plan: GENERAL <ul style="list-style-type: none"> This is likely to be a long duration event; this is not a race. Cutting corners is not worth your life. SAFE WORK PRACTICES <ul style="list-style-type: none"> Take your time and assess the hazards and develop appropriate measures to address those hazards. Remember to remain aware of changing conditions. Work together to maintain situational awareness. Stay away or out of damaged buildings or structures. Address damage or debris hazards at your location that may impact you. (Damaged awnings, broken glass, broken signs, area lighting, downed utility lines, broken poles and broken tree limbs) Call before you dig- call 811 for emergency locates- don't make a bad situation worse. TRAFFIC <ul style="list-style-type: none"> While windspeeds are elevated avoid high roads/bridges. If you must access these roads, drive slow and leave plenty of space around your vehicle. Be aware of traffic hazards such as unlit or uncontrolled intersections, high water, distracted drivers, vehicle collisions, etc. Monitor Transtar for updates. Mark out work area protection zones clearly with traffic cones, signs and flaggers if necessary. Wear traffic vests. On Tollways, be aware that large trucks will not fit through the regular lanes, use EZ Tag lanes. Report all vehicle collisions. Obtain collision information and report immediately to your crew leader, FCC or coordinator. If you have vehicle trouble and need assistance, you may call [REDACTED] to reach Fleet Services. FLOODING/HIGH WATER <ul style="list-style-type: none"> Avoid creek/river areas where flood waters will be moving faster. Review routes for flooded roadways before leaving for destination. Avoid high water areas when unsure of depth and safe travel. PPE <ul style="list-style-type: none"> Wear all appropriate PPE including, long-sleeve FR apparel. ELECTRICAL WORK/ GROUNDING <ul style="list-style-type: none"> Test, tag and ground all de-energized conductors before working as dead. Work between grounds. Never assume anything is dead. There will be many generators and other energy sources and back feed is always a hazard. Use orange or red flagging at ground locations for visual aid. Grounding for tree crews is a "must" – Work with the tree crews to ground as necessary. Remove high side jumpers after opening disconnects, especially when working on the same structure as the disconnect switch. Report any rogue line workers to Corporate Security. 		
4. Prepared by: Name: <u>Marguerite Porsch</u> Position/Title: <u>Safety Administration</u> Signature: _____		
ICS 208-CNP	IAP Page 7	Date/Time: <u>07/09/24 / 11:30 am</u>



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 07/09/24 Date To: 07/09/24 Time From: 06:00 AM Time To: 10:00 PM
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ENVIRONMENTAL HAZARDS

- Leaking equipment- immediately report to your crew leader, FCC or coordinator with detailed addresses and spill size. See Environmental spill form.

OUTDOOR SAFETY

- Be aware of insect and snake hazards, as well as poisonous plants
- Stay hydrated. Drink plenty of fluids but don't overdo sports drinks. Maintain balance of electrolytes.
- Avoid drinking too much coffee/energy drinks in hot conditions as caffeine is a diuretic which means it can easily cause dehydration.
- Take breaks in shaded areas or in air-conditioned cabs of vehicles.

FIRST AID/ INJURIES

- Report all injuries. Obtain relevant information and report immediately to your crew leader, FCC or coordinator.
- Refer to the Medical Plan for available emergency room locations.
- Contact Medical Case Management for assistance when necessary.
- Seek treatment while it is a minor issue to prevent it from becoming a major issue.

4. Prepared by: Name: Marguerite Porsch Position/Title: Safety Administration Signature: _____

ICS 208-CNP	IAP Page 8	Date/Time: <u>07/09/24 / 11:30 am</u>
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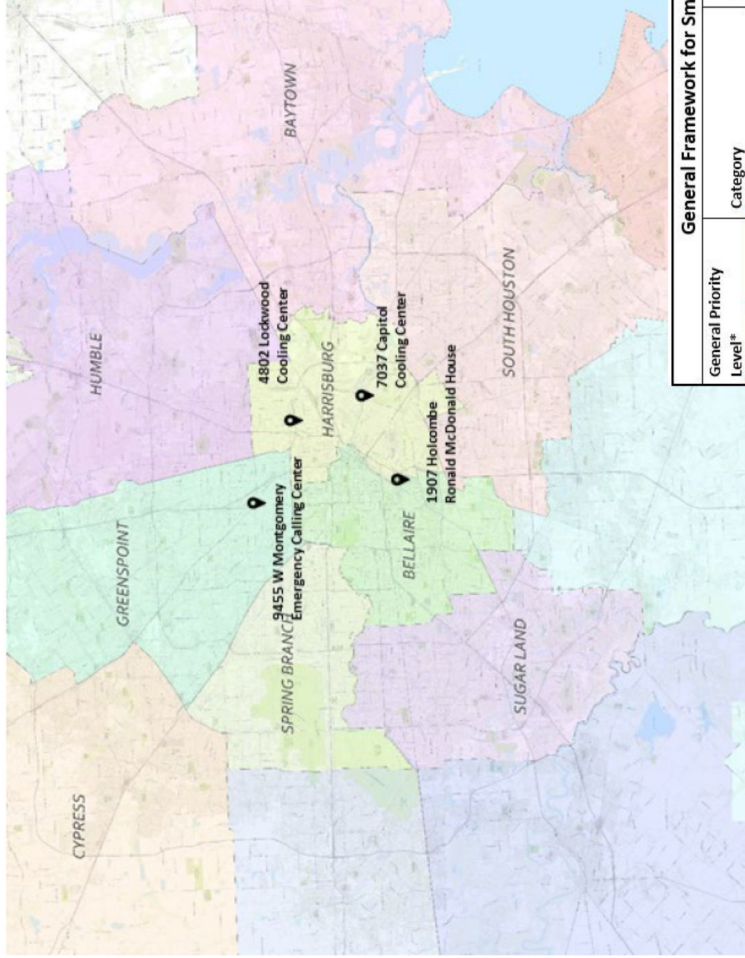


DAILY MEETING SCHEDULE ICS 230-CNP

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/09/2024 Date To: 7/09/2024 Time From: 6:00 AM Time To: 10:00 PM		
3. Meeting Schedule (Commonly held meetings are included)				
Time	Meeting	Purpose	Attendees	Location
8:00 AM	EOC Briefing	Provide an incident update and report any resource needs or outstanding issues.	<ul style="list-style-type: none"> • Command Staff • General Staff • Others as identified 	EOC and Virtual (MS Teams)
8:30 AM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
10:00 AM	Media, Gov't/Regulatory, Critical/Key Customer Communications Updates Sent	Check in on news releases, critical customer updates, mobile gen deployment	<ul style="list-style-type: none"> • PIO • Liaison Officer • Customer Communications 	
1:30 PM	EOC Objectives Check-in	Review and revise objectives	<ul style="list-style-type: none"> • Command Staff • General Staff 	EOC and Virtual (MS Teams)
2:00 PM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
5:00 PM	Media, Gov't/Regulatory, Critical/Key Customer Communications Updates Sent	Check in on news releases, critical customer updates, mobile gen deployment	<ul style="list-style-type: none"> • PIO • Liaison Officer • Customer Communications 	
6:00 PM	EOC Briefing	Provide an incident update and report any resource needs or outstanding issues.	<ul style="list-style-type: none"> • Command Staff • General Staff • Others as identified 	EOC and Virtual (MS Teams)
6:30 PM	Objectives and Strategy Development	Develop a unified EOC strategy to support on-scene operations.	<ul style="list-style-type: none"> • Command Staff • Section Chiefs 	
8:00 PM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
4. Prepared by:				
Name: <u>Treemonisha Smith</u> Position/Title: <u>Planning Section Chief</u> Signature: _____				
ICS 230-CNP		IAP Page 9	Date/Time: <u>07/09/2024 8:00 AM</u>	



**Hurricane Beryl
 MOBILE GEN DEPLOYMENT MAP
 7/19/24**



General Priority Level*	Category	Examples of Category
1	Hospital	100 Bed in-patient hospitals, Cancer Treatment, Level 1 Trauma Center
2	Emergency Services/ HAS	City/County Emergency Management, Police, Fire/Ambulatory Facilities, Critical Airport Facilities
3	Cooling Centers	Cooling Centers designated by local Cities
4	Senior/Assisted Living	Services support
5	Small ERs/Dialysis	Out-Patient Care Facilities, Dialysis Clinics, Small ER Centers
6	Clinics/Pharmacy	Urgent Care, Clinics, Commercial Pharmacies
7	Grocery Stores	Major Grocery Store Chains
8	Hardware Stores/commercial	Commercial Facilities that support Logistics/ Supply chain and community and individual relief and restoration efforts

* General Priority Levels as Guidance for Mobile Generation Deployment



CenterPoint Energy
Emergency Operations Center

Incident Action Plan (IAP)

Hurricane Beryl

Operations Period:
07/10/2024 6:00 AM – 07/10/2024 10:00 PM

Prepared By:
Treemonisha Smith, Planning Section Chief

Approved By:

A handwritten signature in blue ink, appearing to read "Randy Pryor".

Randy Pryor, Incident Commander

9:50 July 10, 2024

Date/Time



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/10/2024 Date To: 7/10/2024 Time From: 6:00 AM Time To: 10:00 PM
ICS 202-CNP, Page 1	
4a. Mission Supporting Objectives (continued) <ul style="list-style-type: none"> • Deploy 5MW units for mid-span within 24 hours (pick up larger #s of residential and customer mix based on extensive damage to portions of a circuit) (Electric Ops) – See Mobile Gen Map attached • Deploy smaller units per priority table within 24 hours [anticipated to be used primarily cooling centers (33 of 47 identified ones appear viable) and then groceries with pharmacy, gas, and grocery (hospitals and others generally have backup, and schools are out]. (Electric Ops) – See Mobile Gen Map attached • Deploy mobile generation based on customer prioritization index as additional units become available. (Electric Ops) • Staging sites established by 6:00 PM Monday, July 8, 2024 with resource check-in, traffic cones, safety onboarding, bathrooms, security, bussing to hotels for Fort Bend, Reed Road, Sam Houston, and Brazoria. (Logistics) -Complete • Equip staging sites by 5:00 AM Tuesday, July 9, 2024 with resources (materials, water, Gatorade, lunch) required in order to deploy crews. (Logistics) -Complete • Staging sites to be fully operational with dinner service, lodging, and bussing for mutual assistance by Tuesday, July 9, 2024 at 5:00 PM. (Logistics) • Secure additional staging sites to provide flexibility and scalability by Monday, July 8, 2024 at 9:00 PM. (Logistics) -Complete • Secure hotels/man camps and bussing to support external mutual assistance and vegetation management crews and internal personnel by Tuesday, July 9, 2024 at 4:00 PM. (Logistics) • Secure mobile generation assets in CEHE footprint and support deployment of units as needed with delivery, fueling, fencing based on prioritization noted. (Logistics) • Secure resources to address potential internal resource gaps detailed by operational support teams by Tuesday, July 9, 2024 at 12 noon. (Logistics) • Develop a strategy and narrative with key issues and sentiment metrics driving the approach each morning at 8:00 AM. (Comms) • Create and send out two news releases each day by 10:30 AM and 3:30 PM. (Joint Comms) • Send at least two informational updates to employees during the activation. (Internal Comms) • Maintain and monitor all social media channels and create at least 10 posts daily with an emphasis on “in the field” visuals damages and CNP’s restoration work including Mobile Gen. (Joint Comms) • Conducts 5-8 media interviews daily, with the potential for higher numbers based upon demand. (Joint Comms) • Proactively deploy a media briefing approach at key times during the response to enhance efficiency and effectiveness of media outreach. (Joint Comms) • Identify and meet ongoing needs of section leaders and their teams, including Utility Marketing’s support for Customer Experience’s efforts (e.g., produce daily service center outage update). (Joint Comms) 	
7. Prepared by: Treemonisha Smith	Position/Title: Planning Section Chief



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/10/2024 Date To: 7/10/2024 Time From: 6:00 AM Time To: 10:00 PM
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ICS 202-CNP, Page 2

5. Key Account Outages

Numbers as of 6:00 AM

	Count
COGEN	1,509
SEWERLFT	984
WTROTHER	617
SEWERTHT	253
SEWERTMT	232
WTRWELL	187
WTRPMPNG	149
FIRESTA	123
WTRTREAT	86
HEALTHSV	54
HOSPITAL	43
POLICE	32
WARMING	30
TRANSTAR	20
HUMANSVC	17
JAIL	15
COLLEGE	13
FIREOTHR	9
AIRPORT	8
EMGYMGMT	4
NASA	3
PORT	2
Grand Total	4,390

6. Incident Action Plan (the items checked below are included in this Incident Action Plan):

<input type="checkbox"/> ICS 203-CNP	<input checked="" type="checkbox"/> ICS 207-CNP	<u>Other Attachments:</u>
<input checked="" type="checkbox"/> ICS 204-CNP	<input checked="" type="checkbox"/> ICS 208-CNP	<input checked="" type="checkbox"/> <u>Mobile Generation Priority Table</u>
<input type="checkbox"/> ICS 205-CNP	<input checked="" type="checkbox"/> ICS 230-CNP	<input checked="" type="checkbox"/> <u>Staging Sites List</u>
<input type="checkbox"/> ICS 205A-CNP	<input checked="" type="checkbox"/> Map/Chart	<input type="checkbox"/> _____
<input type="checkbox"/> ICS 206-CNP	<input type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/> _____

7. Prepared by: Treemonisha Smith Position/Title: Planning Section Chief



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/10/2024 Date To: 7/10/2024 Time From: 6:00 AM Time To: 10:00 PM
ICS 202-CNP, Page 3	



DISTRIBUTION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/10/24 Date To: 7/10/24 Time From: 0600 Time To: 2000		3. Branch: Distribution
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u>			Division:	
Operations Section Chief: <u>Deryl Tumlinson</u>		██████████		
Branch Director: <u>Tim Stearman</u>		██████████		
Division/Group Supervisor: <u>Darrell Ward</u>		██████████		
5. Resources Assigned:				Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	
DDOC Planning Sec Chief	Erik Swiney	1	██████████	
Ops Supervisors	Darius Tate	3	██████████	
	Israel Garza		██████████	
	Jason Beard		██████████	
6. Work Assignments:				
<ul style="list-style-type: none"> 1) Finish any remaining cut and clear 2) Transition from "assessment" to "repairing/rebuilding" 3) Complete standing up of 18 staging sites 				
7. Special Instructions:				
8. Communications (radio and/or phone contact numbers needed for this assignment):				
Name/Function _____		Primary Contact: indicate cell, pager, or radio (frequency/system/channel) _____		
/ _____		_____		
/ _____		_____		
/ _____		_____		
/ _____		_____		
9. Prepared by: Name: Erik Sweeney _____ Position/Title: SAM CYP _____ Signature: _____				
ICS 204	IAP Page <u>4</u>	Date/Time: 7/9/24 10:41 _____		



HIGH VOLTAGE-TRANSMISSION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/10/24 Date To: 7/10/24 Time From: 6:00 AM Time To: 10:00 PM		3. Branch: High Voltage
4. Operations Personnel: Name		Contact Number(s)		Division:
Operations Section Chief: <u>Deryl Tumlinson</u>		[REDACTED]		
Branch Director: <u>Matthew Cox</u>		[REDACTED]		
Division/Group Supervisor: <u>Matthew Bell</u>		[REDACTED]		
5. Resources Assigned:				Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	
Transmission Crews/Staff	Matthew Bell	284	[REDACTED]	
Helicopter Patrol	Matthew Bell	7	[REDACTED]	
Crew Spokesperson	Matthew Bell	8	[REDACTED]	
6. Work Assignments:				
Transmission crews have begun repairs to the identified lines out of service as well as patrolling Transmission Lines that had operations during Beryl. There was a total of 32 Transmission Line Outages, 20 of which have been restored, 2 of which partially restored, and 10 lines are still out. Lines still out/partially restored listed below:				
345	LN18 JCK-STP	Patrolling: Broken insulator at Str #00410.		
345	LN27 JCK-REF	Patrolling: Broken insulator at Str #00410.		
138	LN94 PSA RVR	Patrolling		
138	LN67 NB BA	Patrolling		
138	LN 06 RT-XBR	TNMP reported tree on primary.		
345	LN72 JN-WO	Patrol complete: Trees in line at Str# 01462 & #01471. VM to clear up 7/9.		
69	LN34 HE-HOC	Patrol complete: Tree in line at Str #22453. VM to clear up 7/9.		
138	LN82 AR- WAP	Patrolling		
138	LN85 AZ - BOG	Patrolling		
138	LN81 TB-WF	Patrolling		
138	LN63 LM-STW	Tried on the evening of 07/08 - locked back out. SSO reported fault 5 miles from STW B&C phase to ground		
138	NV-WC	Patrolling: 13 wood poles destroyed between Str #04612-04598. (DA-WC Out)		
138	LN66 HB - WF	Patrol complete: 21065 Tree removal planned 7/9. (TWG - WF Out)		
7. Special Instructions:				
9. Prepared by: Name: <u>Dante Jackson</u> Position/Title: <u>Transmission Policy Consultant</u> Signature: _____				
ICS 204	IAP Page <u>5</u>	Date/Time: <u>07/09/24 3:27pm</u>		



HIGH VOLTAGE-SUBSTATION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/10/24 Date To: 7/10/24 Time From: 6:00 AM Time To: 10:00 PM		3. Branch: High Voltage	
4. Operations Personnel: Name _____ Contact Number(s) _____ Operations Section Chief: <u>Deryl Tumlinson</u> _____ Branch Director: <u>Gary Chapa</u> _____ Division/Group Supervisor: <u>Wes Paxton</u> _____			Division:		
5. Resources Assigned:		# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information	
Resource Identifier	Leader			Normal assigned work locations	
In-house BU SSO staff	Wes Paxton	253	[REDACTED]		
6. Work Assignments: Information based on assessments completed to date. Remaining equipment assessments to be completed by EOD 7/9/2024. Perform switching to restore transmission lines. Restore stations without transmission service: 1. West Bay Restore out of service transformers by 7/11/2024:					
1. Jones Creek AT3	2. DOW AT1	3. DOW AT6	4. White Oak AT3		
5. Jordan AT2	6. Velasco TR2	7. Hall TR3	8. Imperial TR2		
9. W.Galveston TR2	10. Louetta TR3	11. Vetran TR1	12. Southwyck TR2		
13. Knight TR1	14. Cougar TR2	15. TH Wharton TR7	16. Mont Belvieu TR4		
17. Roark TR3	18. Stafford TR4	19. Cyfair TR3			
Replace breakers: 12kV – College 3A0 35kV – Obrien O7A0 138kV – Mykawa M010					
7. Special Instructions: N/A					
8. Communications (radio and/or phone contact numbers needed for this assignment): Name/Function _____ Primary Contact: indicate cell, pager, or radio (frequency/system/channel) _____ _____/_____ _____/_____ _____/_____ _____/_____					
9. Prepared by: Name: <u>Brad Harris</u>		Position/Title: _____		Signature: _____	
ICS 204	IAP Page <u>6</u>	Date/Time: <u>07/09/24 3:27pm</u>			



MAJOR UNDERGROUND ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/10/24 Date To: 7/10/24 Time From: 6:00 AM Time To: 10:00PM		3. Branch: Major Underground	
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u>				Division:	
Operations Section Chief: <u>Deryl Tumlinson</u> [REDACTED]					
Branch Director: <u>Roland Deike</u> [REDACTED]					
Division/Group Supervisor: <u>Ryan Abshier</u> [REDACTED]					
5. Resources Assigned:			# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader				
MUG Relay	Josh Hajdik	40	C: [REDACTED]	Harrisburg	
MUG Cable – COA	Aaron Minervine	46	C: [REDACTED]	Harrisburg	
MUG Cable – COO	Mike Haney	45	C: [REDACTED]	Harrisburg	
MUG Contractor	Daniel Benard	10	C: [REDACTED]	Harrisburg	
6. Work Assignments: Circuit restoration at BIAH and San Felipe Prioritized hospital outage events. Support Mobile Gen installations. Assessing and restoring/referring all Building Type 3 (Underground) outages Assisting in setup of staging sites Assisting Distribution Operations with Type 2 orders					
7. Special Instructions: N/A					
8. Communications (radio and/or phone contact numbers needed for this assignment): <u>Name/Function</u> <u>Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</u> Roland Deike / [REDACTED] Ryan Abshier / [REDACTED] Aaron Minervine / [REDACTED]					
9. Prepared by: Name: <u>Nick Koinis</u> Position/Title: <u>Manager, Padmount South</u> Signature: _____					
ICS 204	IAP Page <u>7</u>	Date/Time: <u>7/10/24</u>			



MEDICAL PLAN (ICS 206-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period:	Date to: 7/10/24 Time From: 6:00 AM	Date from: 07/10/24 Time To: 10:00 PM	
3. Medical Aid Stations: N/A					
Name	Location	Contact Number(s)	Paramedics on Site?		
AMR Houston	NRG	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Reed Rd	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Brazoria County Fairgrounds	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Sam Houston Raceway Park	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No		
5. Hospitals:					
Hospital Name	Address	Contact Number(s)	Trauma Center	Burn Center	Helipad
Memorial Hermann Memorial City	921 Gessner Road Houston, Texas 77024	713-242-3000	<input checked="" type="checkbox"/> Yes Level: 4	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Medical Center	6411 Fannin St Houston, Texas 77030	713-704-4000	<input checked="" type="checkbox"/> Yes Level: 1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
UTMB Galveston	901 Harborside Drive Galveston, TX 77555	409-722-1011	<input checked="" type="checkbox"/> Yes Level: 1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Cypress	27800 Northwest Freeway, Cypress, TX 77433	346-231-4000	<input checked="" type="checkbox"/> Yes Level 2	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Humble	9813 Memorial Blvd, Humble, TX 77338	(281) 913-3550	<input checked="" type="checkbox"/> Yes Level: ___	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann The Woodlands Hospital	9250 Pinecroft Dr, The Woodlands, TX 77380	(713) 897-2300	<input checked="" type="checkbox"/> Yes Level: 2	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Katy	23900 Katy Freeway, Katy TX 77494	(281)644-7111	<input checked="" type="checkbox"/> Yes Level: ___	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
UTMB Health Angleton ER	132 E Hospital Dr, Angleton, TX 77515	(979) 848-9131	<input checked="" type="checkbox"/> Yes Level: ___	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Hospital Mainland	6801 Ennett F Lowry Expy, Texas City, TX 77591	(409)938-5000	<input checked="" type="checkbox"/> Yes Level: _1__	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



1. Incident Name: Hurricane Beryl		2. Operational Period:	Date to: 7/10/24 Time From: 6:00 AM	Date from: 07/10/24 Time To: 10:00 PM	
Memorial Herman Emergency Center at Southeast Hospital	11800 Astoria, Houston, TX 77089	(281)929-6100	<input checked="" type="checkbox"/> Yes Level: _1__	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Houston Tomball	605 Holderrieth Blvd, Tomball, TX 77375	(281)401-7500	<input checked="" type="checkbox"/> Yes Level: _1__	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

6. Medical Emergency Procedures:

Report any incidents per normal operating procedures. Contact RTO for Life Flight services.
Notify your local safety specialist if any assistance is needed.
They are available by cell phone.

Kevin Sheffield	Safety Coordinator	[REDACTED]
Ryan Friesz	Safety Coordinator	[REDACTED]
Skyler Thomson	Safety Coordinator	[REDACTED]
Tyler Bielski	Safety Coordinator	[REDACTED]
Ryan Rutherford	Safety Coordinator	[REDACTED]
Wayland Smith	Public Safety	[REDACTED]
Dustin Krantz	Public Safety	[REDACTED]
Brett Richardson	Public Safety	[REDACTED]

7. Prepared by Name: Jon Nixon ICS Title: Safety Administration Manager

8. Approved by (Safety Officer): Al Payton

ICS 206-CNP IAP Page 8-9

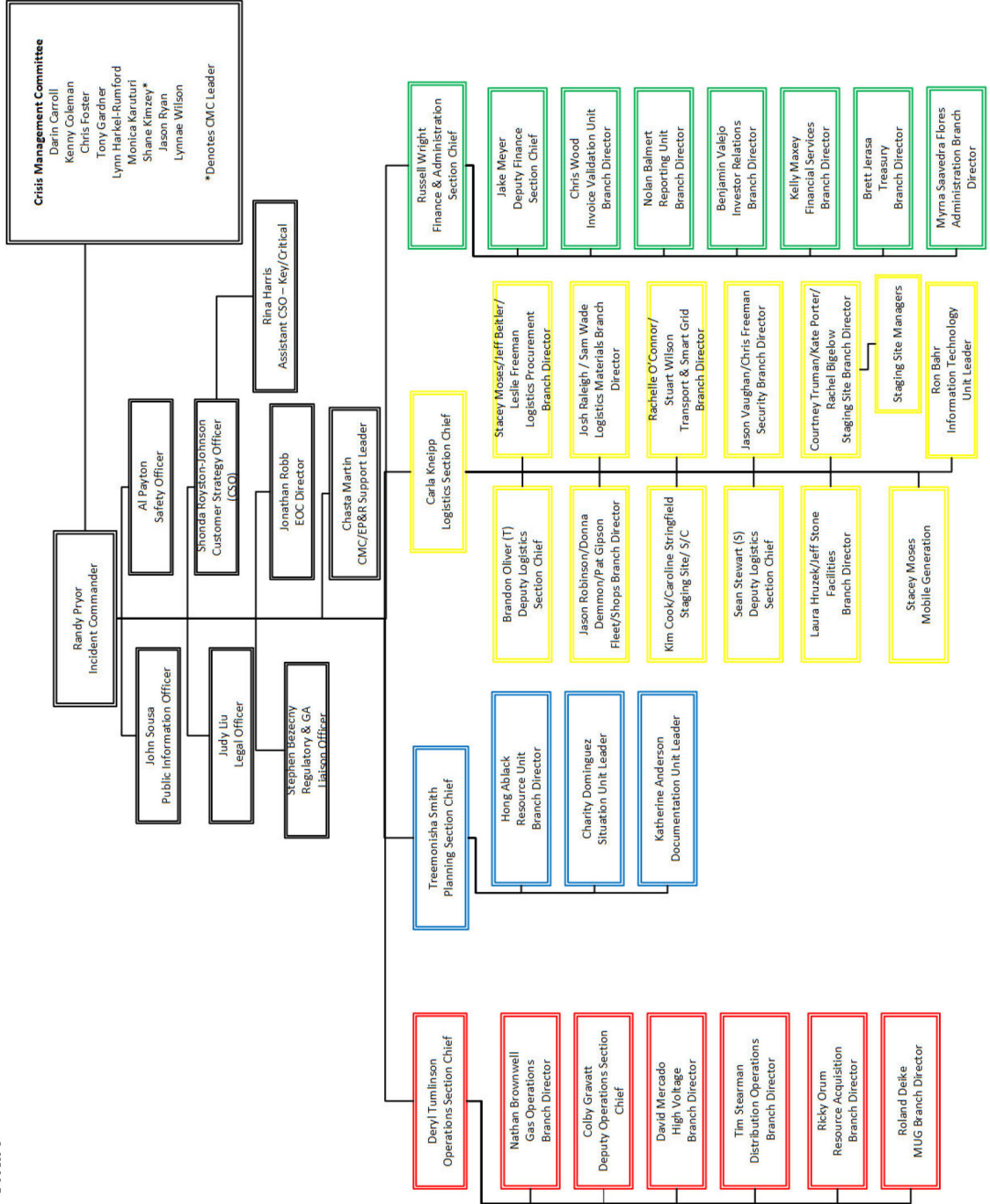


ORGANIZATION CHART (ICS 207-CNP)

1. Incident Name:
Hurricane Beryl

2. Operational Period:
Date From: 7/09/2024
Date To: 7/09/2024
Time From: 6:00 AM
Time To: 10:00 PM

3. Organizational Chart





SAFETY MESSAGE/PLAN (ICS 208-CNP)

1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 07/10/24 Date To: 07/10/24 Time From: 06:00 AM Time To: 10:00 PM	
3. Safety Message/Expanded Safety Message, Safety Plan, Site Safety Plan: GENERAL <ul style="list-style-type: none"> We are under a heat advisory, remember to stay hydrated and take breaks to cool down. This is likely to be a long duration event; this is not a race! Patience and effective communication is key to successful restoration efforts. Be aware of the potential for backfeed. Cutting corners is not worth your life! SAFE WORK PRACTICES <ul style="list-style-type: none"> Take your time and assess the hazards and develop appropriate measures to address those hazards. Remember to remain aware of changing conditions. Work together to maintain situational awareness. Stay away or out of damaged buildings or structures. Address damage or debris hazards at your location that may impact you. (Damaged awnings, broken glass, broken signs, area lighting, downed utility lines, broken poles and broken tree limbs) Call before you dig- call 811 for emergency locates. Don't make a bad situation worse. TRAFFIC <ul style="list-style-type: none"> Be mindful of current road closures, much of downtown is currently closed. Avoid underpasses as they may still be inundated with water from the flooding. Be aware of traffic hazards such as unlit or uncontrolled intersections, high water, distracted drivers, vehicle collisions, etc. Monitor Transtar for updates. Mark out work area protection zones clearly with traffic cones, signs and flaggers if necessary. Wear traffic vests. On Tollways, be aware that large trucks will not fit through the regular lanes, use EZ Tag lanes. Report all vehicle collisions. Obtain collision information and report immediately to your crew leader, FCC or coordinator. If you have vehicle trouble and need assistance, you may call [REDACTED] to reach Fleet Services. FLOODING/HIGH WATER <ul style="list-style-type: none"> Avoid creek/river areas where flood waters will be moving faster. Review routes for flooded roadways before leaving for destination. Avoid high water areas when unsure of depth and safe travel. PPE <ul style="list-style-type: none"> Wear all appropriate PPE including, long-sleeve FR apparel. ELECTRICAL WORK/ GROUNDING <ul style="list-style-type: none"> Test, tag and ground all de-energized conductors before working as dead. Work between grounds. Never assume anything is dead. There will be many generators and other energy sources and back feed is always a hazard. Use orange or red flagging at ground locations for visual aid. Reminder—we've got two ways to work: dead and grounded or energized with cover and gloves Grounding for tree crews is a "must" – Work with the tree crews to ground as necessary. Remove high side jumpers after opening disconnects, especially when working on the same structure as the disconnect switch. Report any unqualified or unapproved personnel (rogue line workers) working on CNP assets to Corporate Security 		
4. Prepared by: Name: <u>Marguerite Porsch</u> Position/Title: <u>Safety Administration</u> Signature: _____		
ICS 208-CNP	IAP Page <u>11</u>	Date/Time: <u>07/10/24</u>



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 07/10/24 Date To: 07/10/24 Time From: 06:00 AM Time To: 10:00 PM
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ENVIRONMENTAL HAZARDS

- Leaking equipment- immediately report to your crew leader, FCC or coordinator with detailed addresses and spill size. See Environmental spill form.

OUTDOOR SAFETY

- Be aware of insect and snake hazards, as well as poisonous plants.
- Take time to **hydrate** and take breaks in shaded areas or vehicles with A/C as needed. If you are not feeling well, communicate with your supervisor and co-workers.
- Stay hydrated. Drink plenty of fluids but don't overdo sports drinks. Maintain balance of electrolytes.
- Take periodic breaks in shaded areas or inside vehicles with A/C.
- Avoid drinking too much coffee/energy drinks in hot conditions as caffeine is a diuretic which means it can easily cause dehydration.
- Drink before feeling thirsty. By the time you feel thirsty, you are already dehydrated.
- When working in the heat, drink 1 cup (8 ounces) of water every 15–20 minutes.
- Drinking at shorter intervals is more effective than drinking large amounts.
- We need several hours to drink enough fluids to replace what we have lost during the day. The sooner you get started, the less strain you place on your body.

FIRST AID/ INJURIES

- Report all injuries. Obtain relevant information and report immediately to your crew leader, FCC or coordinator.
- Refer to the Medical Plan for available emergency room locations.
- Contact Medical Case Management for assistance when necessary.
- Seek treatment while it is a minor issue to prevent it from becoming a major issue.

4. Prepared by: Name: <u>Marquerite Porsch</u> Position/Title: <u>Safety Administration</u> Signature: _____		
ICS 208-CNP	IAP Page <u>12</u>	Date/Time: <u>07/10/24</u>

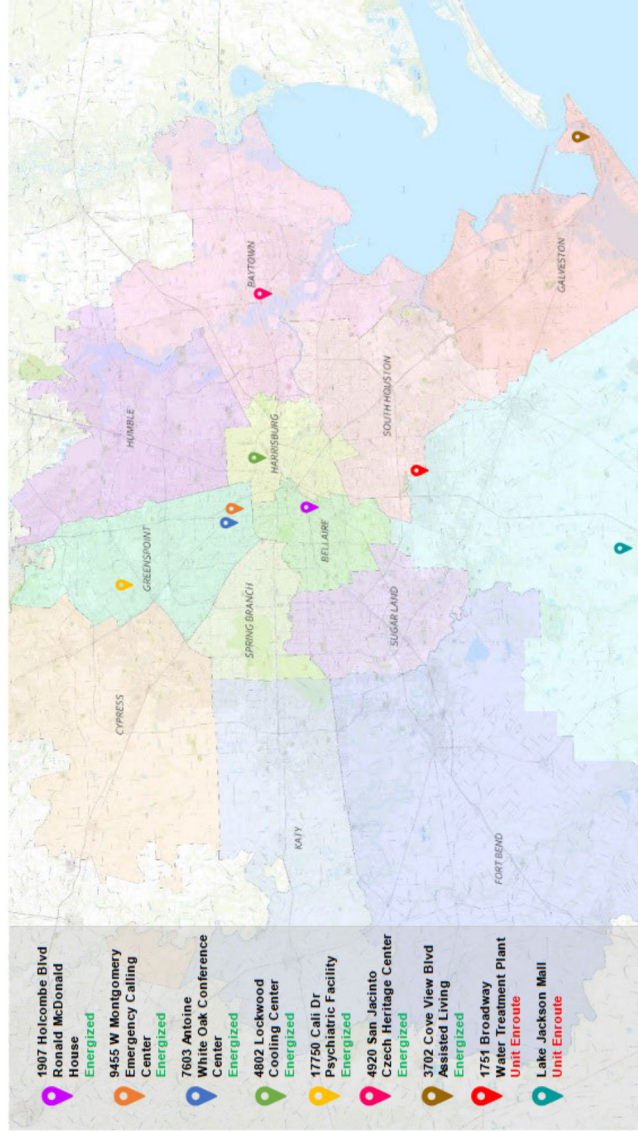


DAILY MEETING SCHEDULE ICS 230-CNP

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/09/2024 Date To: 7/09/2024 Time From: 6:00 AM Time To: 10:00 PM		
3. Meeting Schedule (Commonly held meetings are included)				
Time	Meeting	Purpose	Attendees	Location
8:00 AM	EOC Briefing	Provide an incident update and report any resource needs or outstanding issues.	<ul style="list-style-type: none"> • Command Staff • General Staff • Others as identified 	EOC and Virtual (MS Teams)
8:30 AM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
10:00 AM	Media, Gov't/Regulatory, Critical/Key Customer Communications Updates Sent	Check in on news releases, critical customer updates, mobile gen deployment	<ul style="list-style-type: none"> • PIO • Liaison Officer • Customer Communications 	
1:30 PM	EOC Objectives Check-in	Review and revise objectives	<ul style="list-style-type: none"> • Command Staff • General Staff 	EOC and Virtual (MS Teams)
2:00 PM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
5:00 PM	Media, Gov't/Regulatory, Critical/Key Customer Communications Updates Sent	Check in on news releases, critical customer updates, mobile gen deployment	<ul style="list-style-type: none"> • PIO • Liaison Officer • Customer Communications 	
6:00 PM	EOC Briefing	Provide an incident update and report any resource needs or outstanding issues.	<ul style="list-style-type: none"> • Command Staff • General Staff • Others as identified 	EOC and Virtual (MS Teams)
6:30 PM	Objectives and Strategy Development	Develop a unified EOC strategy to support on-scene operations.	<ul style="list-style-type: none"> • Command Staff • Section Chiefs 	
8:00 PM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
4. Prepared by:				
Name: <u>Treemonisha Smith</u> Position/Title: <u>Planning Section Chief</u> Signature: _____				
ICS 230-CNP		IAP Page 13	Date/Time: <u>07/10/2024 8:00 AM</u>	



**Hurricane Beryl
MOBILE GEN DEPLOYMENT
7/10/24 AS OF 8:00 AM**



General Framework for Small-United Mobile Generation Deployment

General Priority Level*	Category	Examples of Category
1	Hospital	100 Bed in-patient hospitals, Cancer Treatment, Level 1 Trauma Center
2	Emergency Services/ HAS	City/County Emergency Management, Police, Fire/Ambulatory Facilities, Critical Airport Facilities
3	Cooling Centers	Cooling Centers designated by local Cities
4	Senior/Assisted Living	Services support
5	Small ERs/Dialysis	Out-Patient Care facilities, Dialysis Clinics, Small ER Centers
6	Clinics/Pharmacy	Urgent Care, Clinics, Commercial Pharmacies
7	Grocery Stores	Major Grocery Store Chains
8	Hardware Stores/Commercial	Commercial Facilities that support logistics/ Supply chain and community and individual relief and restoration efforts

* General Priority Levels as Guidance for Mobile Generation Deployment



**Hurricane Beryl
STAGING SITES LIST AND STATUS
7/10/24**

Priority	Staging Site Name	Status	Primary SS Manager	Ops Manager	HC Capacity	Actual	Turnkey	Checked in as of 7/9/24 8pm*
1	Brazoria	Operational	Santos Calderon	Jason Grier	900	870	ITS	668
2	Ft Bend	Operational	Marcus Richardson	Kenny Greener	800	809	Cotton	830
3	Reed Rd	Operational	Jerry Cleveland	Nick White	900	878	ITS	956
4	Sam Houston	Operational	Steve Harrington	Allen Chelett	480	473	Cotton	517
5	Freedom Field	Operational	John Dodge	Dyron Walker	800	790	ITS	350
6	Galveston County	Operational	Richard Gaido	Scott Harbuck	400	364	Cotton	13
7	NRG Yellow	Operational	Leslie Cummings	Amy Kretzschmar	1000	999	Cotton	112
8	Legacy/Rhodes Stadium	Operational	Jeremy Haase	Theron Cage	1100	1041	Cotton	300
9	Tomball ISD	Operational	Vic Cleveland	George Eason	600	613	ITS	12
10	AMC	Operational	Michael Traktenberg	Geno Guerro	600	607	Cotton	217
11	Humble Civic Center	Operational	John Price	Mike Davis	450	453	ITS	30
12	Lonestar College - Tomball	Operational	Derrick Jones	Ron Dugger	400	400	ITS	0
13	BASF	Operational	Clint Jones	Sean Cameron	800	856	DRG	472
14	Pearland ISD Stadium	Operational	Elyse Leblanc	Brian Medellin	400	398	Base	249
15	Manvel ISD Stadium	Operational	Munir Odhwani	Josh Swanson	450	450	Cotton	450



Priority	Staging Site Name	Status	Primary SS Manager	Ops Manager	HC Capacity	Actual	Turnkey	Checked in as of 7/9/24 8pm*
16	Barnett ISD	Operational	Jamie Herdocia	Devon Koeppen	400	500	Cotton	140
17	Moody	Operational	April Fabre	David White	500	500	CNP	
18	Rhodes Stadium	Operational	see row 8					

Group A (blue) 7/8 9am – onboard ready 7/9 5am crew ready | Group B (salmon) 7/9 9pm crew ready | Group C (purple) 7/10 5am crew ready

Man Camp Name	Status	Capacity	Turnkey Provider
MC1 Pasadena	600 used 864 available	2,008	ITS
MC2 Tomball ISD	400 used 560 available	1,200	ITS
MC3 Lake Jackson RC	282 used 1,100 available	1,600	Cotton
MC4 Freedom Field	650 used 1,000 available	1,000	ITS
Total	1,932 used 3,524 available	5,808	

Total Staging Site Need	10,800
Total Available Capacity	10,980
Total Remaining Need	200



CenterPoint Energy
Emergency Operations Center

Incident Action Plan (IAP)

Hurricane Beryl

Operations Period:
07/11/2024 6:00 AM – 07/11/2024 10:00 PM

Prepared By:
Treemonisha Smith, Planning Section Chief

Approved By:

Randy Pryor, Incident Commander

7/11/2024 12:55 PM
Date/Time



INCIDENT OBJECTIVES AND SITUATION UPDATE (ICS 202-CNP)

1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/11/2024 Date To: 7/11/2024 Time From: 6:00 AM Time To: 10:00 PM
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3. Situation Summary: Describe the event, the affected portion(s) of the territory, the number of customers without power, impacted circuits, substations and other facilities and other factors critical to the event

Hurricane Beryl made landfall in Matagorda early Monday morning, July 8, as a Category 1 hurricane, producing strong winds as high as 97 mph and causing significant property damage, tree damage, and downed power lines. Texas Gas peaked at 1,200 emergency orders. Texas Gas has resumed normal operations and transitioned to supporting electric restorations. CenterPoint Houston Electric outages peaked at 2.265 million customers.

Forecast for Thursday, July 11

A slight chance of showers, then a chance of showers and thunderstorms after 10am. Increasing clouds, with a high near 92. Heat index values as high as 103. Calm wind becoming southeast around 5 mph in the afternoon. Chance of precipitation is 50%. New rainfall amounts between a tenth and quarter of an inch, except higher amounts possible in thunderstorms.

CEHE Impact Numbers as of 7/11/2024 | 7:35 a.m.

Customers	Circuits	Fuses	Transformers	Locals
1,123,197	781	3,950	3,004	5,183

4. Mission Objectives:

- Complete 75% of hurricane-related restorations by EOD Sunday. – *On Track*
- Complete damage assessment by Thursday, July 11, 2024 at 2:00 PM, with internal resources and supplement with mutual assistance crews. (Electric Ops) – *On Track*
- Identify and deploy mobile generation to 10 sites and 1 mid span daily. (Electric Ops)-9 energized, 3 enroute/onsite
- Reenergize remaining hospitals by EOD Wednesday. (Electric Ops) - 5 on track for restoration on Thursday, 1 on Friday
- Finalize plan for specific ETR based on high outage areas (Customer Strategy) – **Map Online**
- Disseminate updated outage data, resource counts, ETR policy, and impacted areas to our external partners every four hours. (JIC)-*Continuous*
- Disseminate daily core messages internally to align external communications. (JIC)-*Continuous*

4a. Mission Supporting Objectives

- Deploy all remaining crews arriving. (Electric Ops)
- Deploy 5MW units for mid-span within 24 hours (pick up larger #s of residential and customer mix based on extensive damage to portions of a circuit) (Electric Ops) – See Mobile Gen Map attached
- Deploy smaller units per priority table within 24 hours [anticipated to be used primarily cooling centers (33 of 47 identified ones appear viable) and then groceries with pharmacy, gas, and grocery (hospitals and others generally have backup, and schools are out)]. (Electric Ops) – See Mobile Gen Map attached
- Deploy mobile generation based on customer prioritization index as additional units become available. (Electric Ops) – See Mobile Gen Map and priority table attached

7. Prepared by: Treemonisha Smith	Position/Title: Planning Section Chief
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1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/11/2024 Date To: 7/11/2024 Time From: 6:00 AM Time To: 10:00 PM
4a. Mission Supporting Objectives (continued) <ul style="list-style-type: none"> • Secure mobile generation assets in CEHE footprint and support deployment of units as needed with delivery, fueling, fencing based on prioritization noted. (Logistics) -<i>Continuous</i> • Develop a strategy and narrative with key issues and sentiment metrics driving the approach each morning at 8:00 AM. (Comms) -<i>Continuous</i> • Create and send out two news releases each day by 10:30 AM and 3:30 PM. (Joint Comms) -<i>Continuous</i> • Send at least two informational updates to employees during the activation. (Internal Comms) -<i>Continuous</i> • Maintain and monitor all social media channels and create at least 10 posts daily with an emphasis on “in the field” visuals damages and CNP’s restoration work including Mobile Gen. (Joint Comms) -<i>Continuous</i> • Conducts 5-8 media interviews daily, with the potential for higher numbers based upon demand. (Joint Comms) -<i>Continuous</i> • Proactively deploy a media briefing approach at key times during the response to enhance efficiency and effectiveness of media outreach. (Joint Comms) -<i>Continuous</i> • Identify and meet ongoing needs of section leaders and their teams, including Utility Marketing’s support for Customer Experience’s efforts (e.g., produce daily service center outage update). (Joint Comms) -<i>Continuous</i> 	
7. Prepared by: Treemonisha Smith Position/Title: Planning Section Chief	
ICS 202-CNP, Page 2	



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/11/2024 Date To: 7/11/2024 Time From: 6:00 AM Time To: 10:00 PM
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5. Key Account Outages

Numbers as of July 11, 2024 | 7:37AM

Priority	Count
Cogeneration	1,173
Sewer Lift	767
Water (Other)	501
Sewer (Other)	227
Sewer Treatment	179
Water Well	134
Water Pumping	117
Fire Station	106
Health Services	73
Water Treatment	68
Medical	29
Warming/Cooling Center	27
Police stations/substations	25
Transtar	16
Jail	14
Human Services	11
College	9
Fire Other	9
Airport	7
Emergency Management	4
NASA	2
Port	1
Grand Total	3,499

6. Incident Action Plan (the items checked below are included in this Incident Action Plan):

- | | | |
|---|--|---|
| <input type="checkbox"/> ICS 203-CNP | <input checked="" type="checkbox"/> ICS 207-CNP | <u>Other Attachments:</u> |
| <input checked="" type="checkbox"/> ICS 204-CNP | <input checked="" type="checkbox"/> ICS 208-CNP | <input checked="" type="checkbox"/> <u>Mobile Generation Map and Priority Table</u> |
| <input type="checkbox"/> ICS 205-CNP | <input checked="" type="checkbox"/> ICS 230-CNP | <input checked="" type="checkbox"/> <u>Staging Sites List</u> |
| <input type="checkbox"/> ICS 205A-CNP | <input type="checkbox"/> Map/Chart | <input type="checkbox"/> _____ |
| <input type="checkbox"/> ICS 206-CNP | <input type="checkbox"/> Weather Forecast/Tides/Currents | <input type="checkbox"/> _____ |

7. Prepared by: Treemonisha Smith	Position/Title: Planning Section Chief
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DISTRIBUTION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/11/24 Date To: 7/11/24 Time From: 0600 Time To: 2000		3. Branch: Distribution
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u>			Division:	
Operations Section Chief: <u>Deryl Tumlinson</u>		██████████		
Branch Director: <u>Tim Stearman</u>		██████████		
Division/Group Supervisor: <u>Darrell Ward</u>		██████████		
5. Resources Assigned:				Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	
DDOC Planning Sec Chief	Erik Swiney	1	██████████	
Ops Supervisors	Darius Tate	3	██████████	
	Israel Garza		██████████	
	Jason Beard		██████████	
6. Work Assignments:				
<ul style="list-style-type: none"> Most CNP Operations leadership and linemen have transitioned to managing and supporting the roughly 8,500 foreign line skills and 2,500 tree trimmers that are operating out of the 18 staging sites that have been established across our footprint. 				
7. Special Instructions:				
8. Communications (radio and/or phone contact numbers needed for this assignment):				
Name/Function _____		Primary Contact: indicate cell, pager, or radio (frequency/system/channel) _____		
/ _____		_____		
/ _____		_____		
/ _____		_____		
/ _____		_____		
9. Prepared by: Name: Erik Sweeney _____ Position/Title: SAM CYP _____ Signature: _____				
ICS 204	IAP Page <u>4</u>	Date/Time: 7/11/24 8:41 _____		



HIGH VOLTAGE-TRANSMISSION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/11/24 Date To: 7/11/24 Time From: 6:00 AM Time To: 10:00 PM		3. Branch: High Voltage	
4. Operations Personnel: Name _____ Contact Number(s) _____				Division:	
Operations Section Chief: <u>Deryl Tumlinson</u> _____					
Branch Director: <u>Matthew Cox</u> _____					
Division/Group Supervisor: <u>Matthew Bell</u> _____					
5. Resources Assigned:			# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader				
Transmission Staff	Matthew Bell	76	██████████	Transmission Line damage assessment, restoration, and logistics personnel. SOH S/C	
Transmission Contractors & Internal Transmission Crews	Matthew Bell	209	██████████	52 Transmission Contractor Crews assigned to assist Distribution with restoration	
Crew Spokesperson	Matthew Bell	8	██████████	Crew Spokesperson	
6. Work Assignments:					
Transmission crews have currently restored 29 of the 32 Transmission Line Outages. The updated information on remaining restoration efforts can be found below.					
345	LN18 JCK-STP	Patrolling: Broken insulator at Str #00410. Estimated Restoration is EOB 7/11			
345	LN27 JCK-REF	Patrolling: Broken insulator at Str #00410. Estimated Restoration is EOB 7/11			
138	LN63 LM-STW	Line locked out this morning 7/11. Crews currently investigating. Tried on the evening of 07/08 - locked back out. SSO reported fault 5 miles from STW B&C phase to ground. Patrolling again this morning at Tiki Sub. Transmission Engr in contact with ECE and Prysmian. Transmission Engr enroute to inspect prior to washing Tiki termination str. MUG to assist in inspection and possible VLF testing. Nothing found in water over line.			
7. Special Instructions:					
9. Prepared by: Name: <u>Dante Jackson</u> Position/Title: <u>Transmission Policy Consultant</u> Signature: _____					
ICS 204	IAP Page <u>5</u>	Date/Time: <u>07/10/24 3:27pm</u>			



HIGH VOLTAGE-SUBSTATION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/11/24 Date To: 7/11/24 Time From: 6:00 AM Time To: 10:00 PM		3. Branch: High Voltage		
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u> Operations Section Chief: <u>Deryl Tumlinson</u> [REDACTED] Branch Director: <u>Gary Chapa</u> Division/Group Supervisor: <u>Wes Paxton</u>			Division:			
5. Resources Assigned:		# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information		
Resource Identifier	Leader			In-house BU SSO staff	Wes Paxton	253
6. Work Assignments: Information is based on assessments completed to date.						
<ul style="list-style-type: none"> Complete remaining assessments by EOD 7/11/2024. Perform switching to restore transmission. Ongoing. Address distribution breaker issues identified during the circuit restoration process. Ongoing. Perform repairs inside the substations at Jones Creek and DOW substations to restore 345kV line 27 JCK-DOW. ETR 7/11/2024. Return to service out of Jones Creek, 345kV lines 27 to Refuge and 18 to STP, pending repairs by Transmission with an ETR by EOD 7/11/2024. Investigations to identify and address root causes of trips for remaining transformers out of service. Marshaling Master Tech resources to affected locations. ETR of 7/11/2024. Start replacement of breakers 11A0 at Hall and 45A0 at Parkway. 						
ETRs for out of service transformers:						
1. Velasco TR2 (7/11/2024)	2. Alexander Island TR2 (7/11/2024)	3. Hall TR3 (7/11/2024)	4. W.Galveston TR2 (7/11/2024)			
5. Knight TR1 (7/11/2024)	6. Gears TR2 (7/11/2024)	7. White Oak A3 (7/13/2024)				
ETRs for breakers currently identified for replacement:						
12kV	College - 3A0 (7/11/2024)	35kV	Obrien - 7A0 (7/12/2024)			
	Hall - 11A0 (7/11/2024)		Mason Rd. - 17A0 (ETR pending distribution outage capability)			
7. Special Instructions: N/A						
8. Communications (radio and/or phone contact numbers needed for this assignment): Name/Function Primary Contact: indicate cell, pager, or radio (frequency/system/channel) _____/_____ _____/_____						
9. Prepared by: Name: <u>Brad Harris</u> Position/Title: _____ Signature: _____						
ICS 204	IAP Page <u>6</u>	Date/Time: <u>07/10/24 5:00pm</u>				



MEDICAL PLAN (ICS 206-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period:		Date to: 7/11/24	Date from: 07/11/24
				Time From: 6:00 AM	Time To: 10:00 PM
3. Medical Aid Stations:					
Name	Location	Contact Number(s)	Paramedics on Site?		
AMR Houston	NRG	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Reed Rd	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Brazoria County Fairgrounds	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Sam Houston Raceway Park	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No		
5. Hospitals:					
Hospital Name	Address	Contact Number(s)	Trauma Center	Burn Center	Helipad
Memorial Hermann Medical Center	6411 Fannin St Houston, Texas 77030	713-704-4000	<input checked="" type="checkbox"/> Yes Level:1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Sugarland	17500 West Grand Parkway South, Sugarland, Tx 77479	281-725-5000	<input checked="" type="checkbox"/> Yes Level:1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Houston North Cypress	21214 Northwest Fwy, Cypress, Tx 77429	(832) 912-3500	<input checked="" type="checkbox"/> Yes Level 4	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann at Northeast	18951 Memorial N, Humble, Tx 77338	(281) 540- 7700	<input checked="" type="checkbox"/> Yes Level: _4__	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Cypress Hospital	27800 Northwest Fwy, Cypress, Tx 77433	(346)- 231-4000	<input checked="" type="checkbox"/> Yes Level: 3	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Katy	23900 Katy Freeway, Katy TX 77494	(281)644-7111	<input checked="" type="checkbox"/> Yes Level: _3__	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
UTMB Health Angleton ER	132 E Hospital Dr, Angleton, TX 77515	(979) 848-9131	<input checked="" type="checkbox"/> Yes Level: __	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Hospital Mainland	6801 Ennett F Lowry Expy, Texas City, TX 77591	(409)938-5000	<input checked="" type="checkbox"/> Yes Level: _1__	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Herman Emergency Center at Southeast Hospital	11800 Astoria, Houston, TX 77089	(281)929-6100	<input checked="" type="checkbox"/> Yes Level: _1__	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Houston Tomball	605 Holderrieth Blvd, Tomball, TX 77375	(281)401-7500	<input checked="" type="checkbox"/> Yes Level: _1__	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
St. Lukes Health Brazosport Hospital Lake Jackson	100 Medical Dr, Lake Jackson, Tx 77566	(979-297-4411	<input checked="" type="checkbox"/> Yes Level: _1__	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



1. Incident Name: Hurricane Beryl	2. Operational Period:	Date to: 7/11/24 Time From: 6:00 AM	Date from: 07/11/24 Time To: 10:00 PM
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6. Medical Emergency Procedures:

Report any incidents per normal operating procedures. Contact RTO for Life Flight services.
Notify your local safety specialist if any assistance is needed.
They are available by cell phone.

Kevin Sheffield	Safety Coordinator	[REDACTED]
Ryan Friesz	Safety Coordinator	[REDACTED]
Skyler Thomson	Safety Coordinator	[REDACTED]
Tyler Bielski	Safety Coordinator	[REDACTED]
Ryan Rutherford	Safety Coordinator	[REDACTED]
Wayland Smith	Public Safety	[REDACTED]
Dustin Krantz	Public Safety	[REDACTED]
Brett Richardson	Public Safety	[REDACTED]

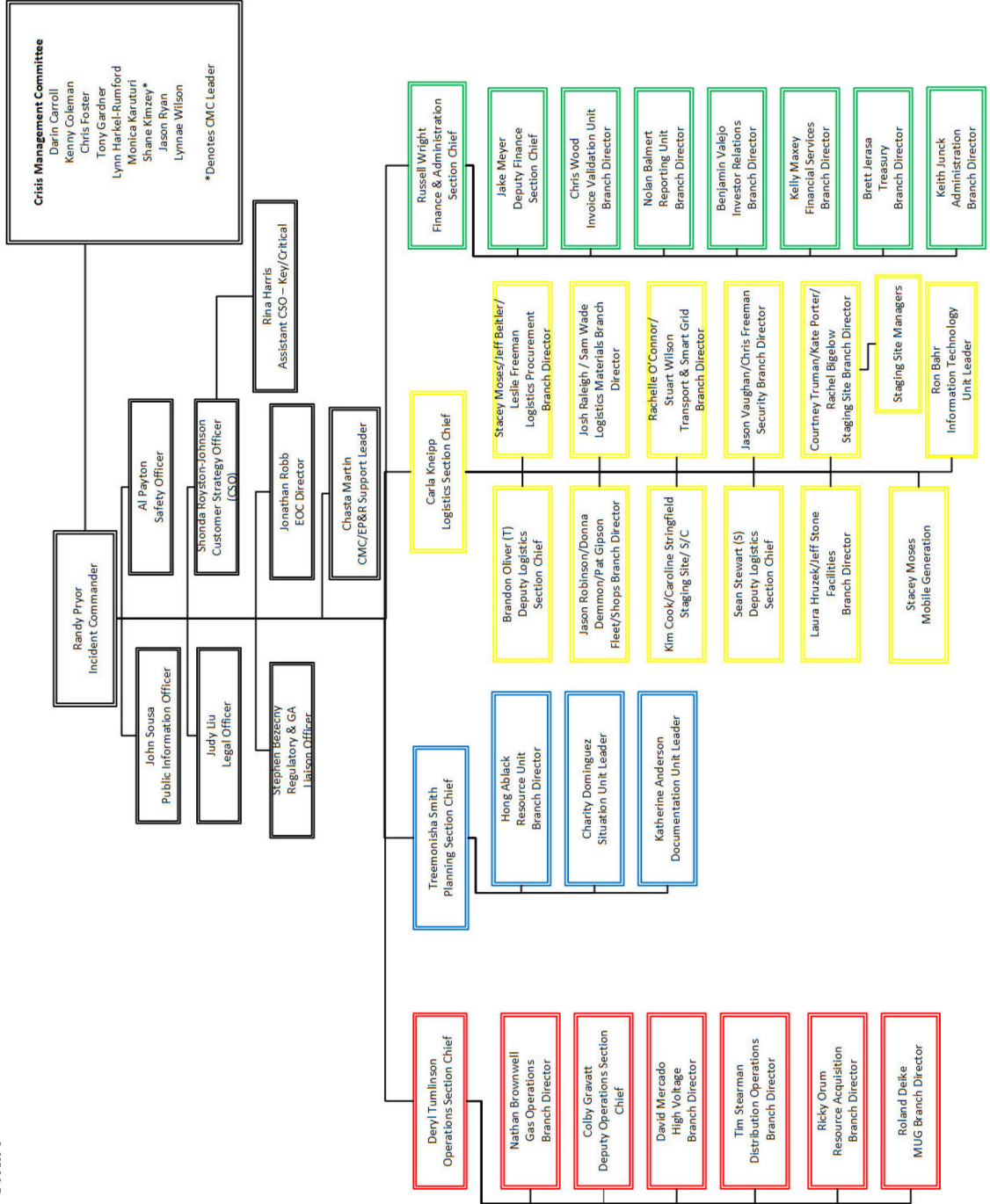
7. Prepared by	Name: Jon Nixon	ICS Title: Safety Administration Manager
8. Approved by (Safety Officer): Al Payton		
ICS 206-CNP IAP Page <u>8-9</u>		



ORGANIZATION CHART (ICS 207-CNP)

1. Incident Name: Hurricane Beryl
2. Operational Period: Date From: 7/11/2024 Date To: 7/11/2024
 Time From: 6:00 AM Time To: 10:00 PM

3. Organizational Chart





SAFETY MESSAGE/PLAN (ICS 208-CNP)

1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 07/11/24 Date To: 07/11/24 Time From: 06:00 AM Time To: 10:00 PM	
3. Safety Message/Expanded Safety Message, Safety Plan, Site Safety Plan: GENERAL <ul style="list-style-type: none"> We are under a heat advisory, remember to stay hydrated and take breaks to cool down. This is likely to be a long duration event; this is not a race. Patience and effective communication is key to successful restoration efforts. Be aware of the potential for backfeed. Cutting corners is not worth your life. SAFE WORK PRACTICES <ul style="list-style-type: none"> Take your time and assess the hazards and develop appropriate measures to address those hazards. Remember to remain aware of changing conditions. Work together to maintain situational awareness. Stay away or out of damaged buildings or structures. Address damage or debris hazards at your location that may impact you. (Damaged awnings, broken glass, broken signs, area lighting, downed utility lines, broken poles and broken tree limbs) Call before you dig- call 811 for emergency locates. Don't make a bad situation worse. TRAFFIC <ul style="list-style-type: none"> Be mindful of current road closures, including some areas in downtown Houston. Avoid underpasses as they may still be inundated with water from the flooding. Be aware of traffic hazards such as unlit or uncontrolled intersections, high water, distracted drivers, vehicle collisions, etc. Monitor Transtar for updates. Mark out work area protection zones clearly with traffic cones, signs and flaggers if necessary. Wear traffic vests. On Tollways, be aware that large trucks will not fit through the regular lanes, use EZ Tag lanes. Report all vehicle collisions. Obtain collision information and report immediately to your crew leader, FCC or coordinator. If you have vehicle trouble and need assistance, you may call [REDACTED] to reach Fleet Services. FLOODING/HIGH WATER <ul style="list-style-type: none"> Avoid creek/river areas where flood waters will be moving faster. Review routes for flooded roadways before leaving for destination. Avoid high water areas when unsure of depth and safe travel. PPE <ul style="list-style-type: none"> Wear all appropriate PPE including, long-sleeve FR apparel. ELECTRICAL WORK/ GROUNDING <ul style="list-style-type: none"> Test, tag and ground all de-energized conductors before working as dead. Work between grounds. Never assume anything is dead. There will be many generators and other energy sources and back feed is always a hazard. Use orange or red flagging at ground locations for visual aid. Reminder—we've got two ways to work: dead and grounded or energized with cover and gloves Grounding for tree crews is a "must" – Work with the tree crews to ground as necessary. Remove high side jumpers after opening disconnects, especially when working on the same structure as the disconnect switch. Report any unqualified or unapproved personnel (rogue line workers) working on CNP assets to Corporate Security 		
4. Prepared by: Name: <u>Marguerite Porsch</u> Position/Title: <u>Safety Administration</u> Signature: _____		
ICS 208-CNP	IAP Page <u>11</u>	Date/Time: <u>07/11/24 7:40 AM</u>



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 07/11/24 Date To: 07/11/24 Time From: 06:00 AM Time To: 10:00 PM
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ENVIRONMENTAL HAZARDS

- Leaking equipment- immediately report to your crew leader, FCC or coordinator with detailed addresses and spill size. See Environmental spill form.

OUTDOOR SAFETY/HEAT

- Be aware of insect and snake hazards, as well as poisonous plants.
- Take time to **hydrate** and take breaks in shaded areas or vehicles with A/C as needed. If you are not feeling well, communicate with your supervisor and co-workers.
- Stay hydrated. Drink plenty of fluids but don't overdo sports drinks. Maintain balance of electrolytes.
- Take periodic breaks in shaded areas or inside vehicles with A/C.
- Avoid drinking too much coffee/energy drinks in hot conditions as caffeine is a diuretic which means it can easily cause dehydration.
- Drink before feeling thirsty. By the time you feel thirsty, you are already dehydrated.
- When working in the heat, drink 1 cup (8 ounces) of water every 15–20 minutes.
- Drinking at shorter intervals is more effective than drinking large amounts.
- We need several hours to drink enough fluids to replace what we have lost during the day. The sooner you get started, the less strain you place on your body.

FIRST AID/ INJURIES

- Report all injuries. Obtain relevant information and report immediately to your crew leader, FCC or coordinator.
- Refer to the Medical Plan for available emergency room locations.
- Contact Medical Case Management for assistance when necessary.
- Seek treatment while it is a minor issue to prevent it from becoming a major issue.

4. Prepared by: Name: <u>Al Payton</u>		Position/Title: <u>Safety Officer</u> Signature: _____
ICS 208-CNP	IAP Page <u>12</u>	Date/Time: <u>07/11/24 7:40 AM</u>



DAILY MEETING SCHEDULE ICS 230-CNP

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/11/2024 Date To: 7/11/2024 Time From: 6:00 AM Time To: 10:00 PM		
3. Meeting Schedule (Commonly held meetings are included)				
Time	Meeting	Purpose	Attendees	Location
8:00 AM	EOC Briefing	Provide an incident update and report any resource needs or outstanding issues.	<ul style="list-style-type: none"> • Command Staff • General Staff • Others as identified 	EOC and Virtual (MS Teams)
8:30 AM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
10:00 AM	Media, Gov't/Regulatory, Critical/Key Customer Communications Updates Sent	Check in on news releases, critical customer updates, mobile gen deployment	<ul style="list-style-type: none"> • PIO • Liaison Officer • Customer Communications 	
1:30 PM	EOC Objectives Check-in	Review and revise objectives	<ul style="list-style-type: none"> • Command Staff • General Staff 	EOC and Virtual (MS Teams)
2:00 PM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
5:00 PM	Media, Gov't/Regulatory, Critical/Key Customer Communications Updates Sent	Check in on news releases, critical customer updates, mobile gen deployment	<ul style="list-style-type: none"> • PIO • Liaison Officer • Customer Communications 	
6:00 PM	EOC Briefing	Provide an incident update and report any resource needs or outstanding issues.	<ul style="list-style-type: none"> • Command Staff • General Staff • Others as identified 	EOC and Virtual (MS Teams)
6:30 PM	Objectives and Strategy Development	Develop a unified EOC strategy to support on-scene operations.	<ul style="list-style-type: none"> • Command Staff • Section Chiefs 	
8:00 PM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
4. Prepared by:				
Name: <u>Treemonisha Smith</u> Position/Title: <u>Planning Section Chief</u> Signature: _____				
ICS 230-CNP		IAP Page 13	Date/Time: <u>07/10/2024 8:00 AM</u>	



**Hurricane Beryl
MOBILE GEN DEPLOYMENT
7/11/24 AS OF 9:00 AM**

ENERGIZED

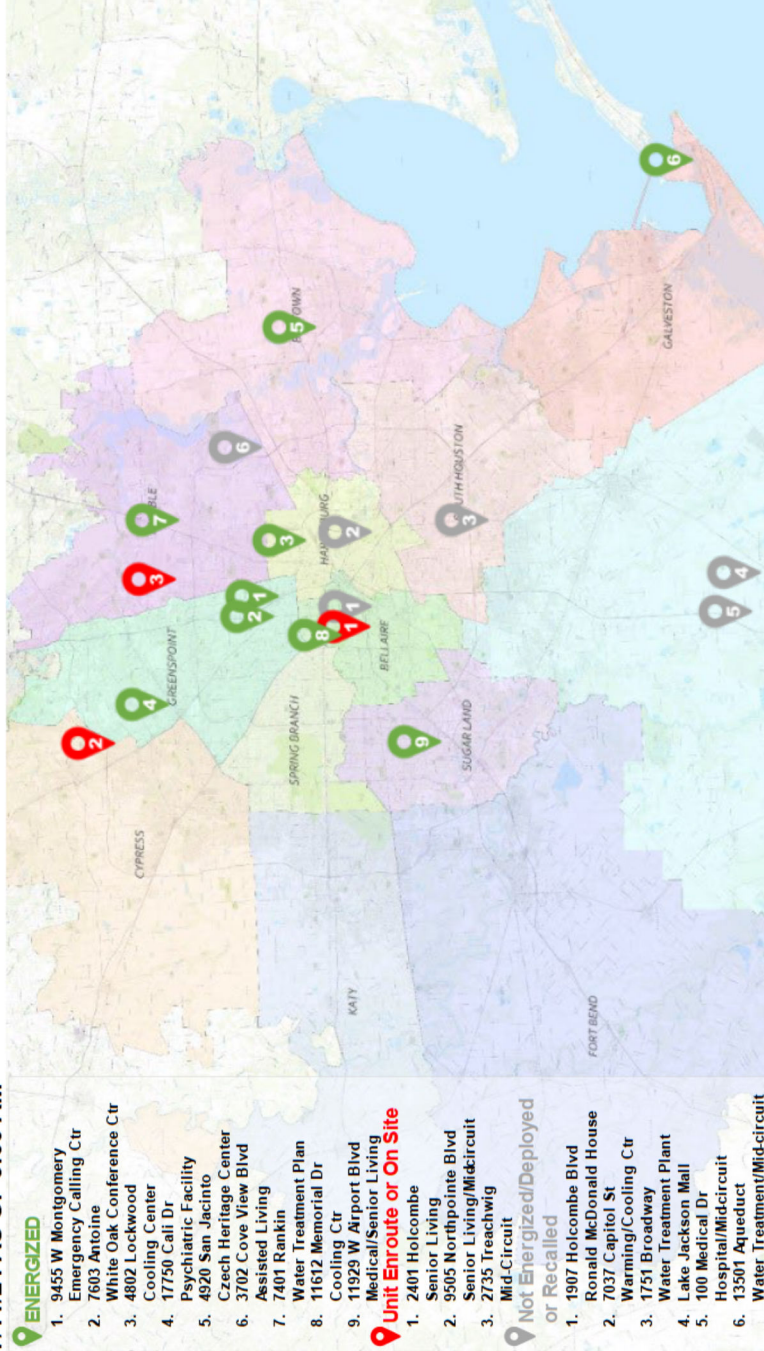
1. 9455 W Montgomery
Emergency Calling Ctr
2. 7603 Antoine
White Oak Conference Ctr
3. 4802 Lockwood
Cooling Center
4. 17750 Cali Dr
Psychiatric Facility
5. 4920 San Jacinto
Czech Heritage Center
6. 3702 Cove View Blvd
Assisted Living
7. 7401 Rankin
Water Treatment Plant
8. 11612 Memorial Dr
Cooling Ctr
9. 11929 W Airport Blvd
Medical/Senior Living

Unit Enroute or On Site

1. 2401 Holcombe
Senior Living
2. 9505 Northpointe Blvd
Senior Living/Mid-circuit
3. 2735 Treachwig
Mid-Circuit

Not Energized/Deployed or Recalled

1. 1907 Holcombe Blvd
Ronald McDonald House
2. 7037 Capitol St
Warming/Cooling Ctr
3. 1751 Broadway
Water Treatment Plant
4. Lake Jackson Mall
100 Medical Dr
5. Hospital/Mid-circuit
13501 Aqueduct
6. Water Treatment/Mid-circuit



General Framework for Small-United Mobile Generation Deployment		
General Priority Level*	Category	Examples of Category
1	Hospital	100 Bed In-patient hospitals; Cancer Treatment; Level I Trauma Center
2	Emergency Services/ HAS	City/County Emergency Management, Police, Fire/Ambulatory Facilities, Critical Airport Facilities
3	Cooling Centers	Cooling Centers designated by local Cities
4	Senior/Assisted Living	Services support
5	Small ERS/Dialysis	Out-Patient Care Facilities, Dialysis Clinics, Small ER Centers
6	Clinics/Pharmacy	Urgent Care, Clinics, Commercial Pharmacies
7	Grocery Stores	Major Grocery Store Chains
8	Hardware Stores/Commercial	Commercial Facilities that support Logistics/ supply chain and community and individual relief and restoration efforts

* General Priority Levels as Guidance for Mobile Generation Deployment



**Hurricane Beryl
STAGING SITES LIST AND STATUS
7/11/24**

Priority	Staging Site Name	Status	Primary SS Manager	Ops Manager	HC Capacity	Actual (+50 internal not included)	Turnkey	Checked in as of 7/10/24 5:00pm*
1	Brazoria	Operational	Santos Calderon	Jason Grier	900	870	ITS	668
2	Ft Bend	Operational	Marcus Richardson	Kenny Greener	800	809	Cotton	830
3	Reed Rd	Operational	Jerry Cleveland	Nick White	900	878	ITS	956
4	Sam Houston	Operational	Steve Harrington	Allen Chelette	480	473	Cotton	517
5	Freedom Field	Operational	John Dodge	Dyron Walker	800	790	ITS	350
6	Galveston County	Operational	Richard Gaido	Scott Harbuck	400	364	Cotton	13
7	NRG Yellow	Operational	Leslie Cummings	Amy Kretschmar	1000	999	Cotton	112
8	Legacy/Rhodes Stadium	Operational	Jeremy Haase	Theron Cage	1100	1041	Cotton	300
9	Tomball ISD	Operational	Vic Cleveland	George Eason	600	613	ITS	12
10	AMC	Operational	Michael Traktenberg	Geno Guerro	600	607	Cotton	217
11	Humble Civic Center	Operational	John Price	Mike Davis	450	453	ITS	30
12	Lonestar College - Tomball	Operational	Derrick Jones	Ron Dugger	400	400	ITS	0
13	BASF	Operational	Clint Jones	Sean Cameron	800	856	DRG	472
14	Pearland ISD Stadium	Operational	Elyse Leblanc	Brian Medellin	400	398	Base	249
15	Manvel ISD Stadium	Operational	Munir Odhwani	Josh Swanson	450	450	Cotton	450



Priority	Staging Site Name	Status	Primary SS Manager	Ops Manager	HC Capacity	Actual (+50 internal not included)	Turnkey	Checked in as of 7/10/24 5:00pm*
16	Barnett ISD	Operational	Jamie Herdocia	Devon Koeppen	400	500	Cotton	140
17	Moody	Operational	April Fabre	David White	500	500	CNP	
18	Rhodes Stadium	Operational	see row 8					

Group A (blue) 7/8 9am – onboard ready 7/9 5am crew ready | Group B (salmon) 7/9 9pm crew ready | Group C (purple) 7/10 5am crew ready

Man Camp Name	Status	Capacity	Turnkey
MC1 Pasadena	Complete	2,016	ITS
MC2 Tomball ISD	Complete	1,176	ITS
MC3 Lake Jackson	Complete	1,672	Cotton
MC4 Freedom Field	Complete	1,008	ITS
Total		5,872	

Total Staging Site Need	10,800
Total Available Capacity	10,980
Total Remaining Need	200



CenterPoint Energy
Emergency Operations Center

Incident Action Plan (IAP)

Hurricane Beryl

Operations Period:
07/12/2024 6:00 AM – 07/12/2024 10:00 PM

Prepared By:
Treemonisha Smith, Planning Section Chief

Approved By:

A handwritten signature in black ink that reads "Randy M. Pryor".

Randy Pryor, Incident Commander

7/12/24 12:40 PM
Date/Time



INCIDENT OBJECTIVES AND SITUATION UPDATE (ICS 202-CNP)

1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/12/2024 Date To: 7/12/2024 Time From: 6:00 AM Time To: 10:00 PM
---	---

3. Situation Summary: Describe the event, the affected portion(s) of the territory, the number of customers without power, impacted circuits, substations and other facilities and other factors critical to the event

Hurricane Beryl made landfall in Matagorda early Monday morning, July 8, as a Category 1 hurricane, producing strong winds as high as 97 mph and causing significant property damage, tree damage, and downed power lines. Texas Gas peaked at 1,200 emergency orders. Texas Gas has resumed normal operations and transitioned to supporting electric restorations. CenterPoint Houston Electric outages peaked at 2.265 million customers.

Forecast for Thursday, July 12

Scattered showers and thunderstorms. Mostly cloudy, with a high near 90. Calm wind becoming southeast around 5 mph in the afternoon. Chance of precipitation is 50%. New rainfall amounts of less than a tenth of an inch, except higher amounts possible in thunderstorms. There is a heat advisory today until 9 PM.

CEHE Impact Numbers as of 7/12/2024 | 7:40 a.m.

Customers	Circuits	Fuses	Transformers	Locals
883,467	649	4,002	3,589	6,115

4. Mission Objectives:

- Restore 1.4 million hurricane-related outages by EOD Friday. – *On Track*
- Identify and deploy mobile generation to 10 sites and 1 mid span daily. (Electric Ops)-*11 energized, 5 enroute/onsite*
- Reenergize remaining hospitals by EOD Wednesday. (Electric Ops) – **Complete**
- Disseminate updated outage data, resource counts, ETR policy, and impacted areas to our external partners every four hours. (JIC)-*Continuous*
- Disseminate daily core messages internally to align external communications. (JIC)-*Continuous*

4a. Mission Supporting Objectives

- Deploy all remaining crews arriving. (Electric Ops)
- Deploy 5MW units for mid-span within 24 hours (pick up larger #s of residential and customer mix based on extensive damage to portions of a circuit) (Electric Ops) – See Mobile Gen Map attached
- Deploy smaller units per priority table within 24 hours [anticipated to be used primarily cooling centers (33 of 47 identified ones appear viable) and then groceries with pharmacy, gas, and grocery (hospitals and others generally have backup, and schools are out)]. (Electric Ops) – See Mobile Gen Map attached
- Deploy mobile generation based on customer prioritization index as additional units become available. (Electric Ops) – See Mobile Gen Map and priority table attached
- Secure mobile generation assets in CEHE footprint and support deployment of units as needed with delivery, fueling, fencing based on prioritization noted. (Logistics) -*Continuous*
- Develop a strategy and narrative with key issues and sentiment metrics driving the approach each morning at 8:00 AM. (Comms) -*Continuous*
- Create and send out two news releases each day by one in the morning and one in the evening. (Joint Comms) -*Continuous*

7. Prepared by: Treemonisha Smith	Position/Title: Planning Section Chief
--	---



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/12/2024 Date To: 7/12/2024 Time From: 6:00 AM Time To: 10:00 PM
4a. Mission Supporting Objectives (continued)	
<ul style="list-style-type: none"> • Send at least two informational updates to employees during the activation. (Internal Comms) - <i>Continuous</i> • Maintain and monitor all social media channels and create at least 10 posts daily with an emphasis on “in the field” visuals damages and CNP’s restoration work including Mobile Gen. (Joint Comms) - <i>Continuous</i> • Conducts 5-8 media interviews daily, with the potential for higher numbers based upon demand. (Joint Comms) - <i>Continuous</i> • Proactively deploy a media briefing approach at key times during the response to enhance efficiency and effectiveness of media outreach. (Joint Comms) - <i>Continuous</i> • Identify and meet ongoing needs of section leaders and their teams, including Utility Marketing’s support for Customer Experience’s efforts (e.g., produce daily service center outage update). (Joint Comms) - <i>Continuous</i> 	
7. Prepared by: Treemonisha Smith Position/Title: Planning Section Chief	
ICS 202-CNP, Page 2	



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/12/2024 Date To: 7/12/2024 Time From: 6:00 AM Time To: 10:00 PM																																																
5. Key Account Outages																																																	
Numbers as of July 12, 2024 7:30AM																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Priority</th> <th style="text-align: left;">Count</th> </tr> </thead> <tbody> <tr><td>COGEN</td><td>891</td></tr> <tr><td>SEWERLFT</td><td>553</td></tr> <tr><td>WTROTHER</td><td>394</td></tr> <tr><td>SEWERTMT</td><td>193</td></tr> <tr><td>SEWERTMT</td><td>140</td></tr> <tr><td>FIRESTA</td><td>92</td></tr> <tr><td>WTRWELL</td><td>92</td></tr> <tr><td>WTRPMPNG</td><td>79</td></tr> <tr><td>HEALTHSV</td><td>59</td></tr> <tr><td>WTRTREAT</td><td>50</td></tr> <tr><td>WARMING</td><td>24</td></tr> <tr><td>MEDICAL</td><td>22</td></tr> <tr><td>POLICE</td><td>20</td></tr> <tr><td>COLLEGE</td><td>14</td></tr> <tr><td>TRANSTAR</td><td>10</td></tr> <tr><td>HUMANSVC</td><td>10</td></tr> <tr><td>FIREOTHR</td><td>9</td></tr> <tr><td>AIRPORT</td><td>8</td></tr> <tr><td>JAIL</td><td>4</td></tr> <tr><td>EMGYMGMT</td><td>3</td></tr> <tr><td>NASA</td><td>2</td></tr> <tr><td>PORT</td><td>1</td></tr> <tr><td>Grand Total</td><td>2,670</td></tr> </tbody> </table>		Priority	Count	COGEN	891	SEWERLFT	553	WTROTHER	394	SEWERTMT	193	SEWERTMT	140	FIRESTA	92	WTRWELL	92	WTRPMPNG	79	HEALTHSV	59	WTRTREAT	50	WARMING	24	MEDICAL	22	POLICE	20	COLLEGE	14	TRANSTAR	10	HUMANSVC	10	FIREOTHR	9	AIRPORT	8	JAIL	4	EMGYMGMT	3	NASA	2	PORT	1	Grand Total	2,670
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PORT	1																																																
Grand Total	2,670																																																
6. Incident Action Plan (the items checked below are included in this Incident Action Plan):																																																	
<input type="checkbox"/> ICS 203-CNP <input checked="" type="checkbox"/> ICS 207-CNP <input checked="" type="checkbox"/> ICS 204-CNP <input checked="" type="checkbox"/> ICS 208-CNP <input type="checkbox"/> ICS 205-CNP <input checked="" type="checkbox"/> ICS 230-CNP <input type="checkbox"/> ICS 205A-CNP <input type="checkbox"/> Map/Chart <input type="checkbox"/> ICS 206-CNP <input type="checkbox"/> Weather Forecast/Tides/Currents	<u>Other Attachments:</u> <input checked="" type="checkbox"/> <u>Mobile Generation Map and Priority Table</u> <input checked="" type="checkbox"/> <u>Staging Sites List</u> <input type="checkbox"/> _____ <input type="checkbox"/> _____																																																
7. Prepared by: Treemonisha Smith Position/Title: Planning Section Chief																																																	
ICS 202-CNP, Page 3																																																	



DISTRIBUTION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/12/24 Date To: 7/12/24 Time From: 06:00 AM Time To: 10:00 PM		3. Branch: Distribution
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u>			Division:	
Operations Section Chief: <u>Deryl Tumlinson</u>		██████████		
Branch Director: <u>Tim Stearman</u>		██████████		
Division/Group Supervisor: <u>Darrell Ward</u>		██████████		
5. Resources Assigned:		# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader			
DDOC Planning Sec Chief	Erik Swiney	1	██████████	DDOC
Ops Supervisors	Darius Tate	3	██████████	DDOC
	Israel Garza		██████████	DDOC
	Jason Beard		██████████	DDOC
6. Work Assignments:				
<ul style="list-style-type: none"> Most CNP Operations leadership and linemen have transitioned to managing and supporting the roughly 8,500 foreign line skills and 2,500 tree trimmers that are operating out of the 18 staging sites that have been established across our footprint. 				
7. Special Instructions:				
8. Communications (radio and/or phone contact numbers needed for this assignment):				
<u>Name/Function</u>		<u>Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</u>		
/				
/				
/				
/				
9. Prepared by: Name: Erik Sweeney Position/Title: SAM CYP Signature: _____				
ICS 204	IAP Page <u>4</u>	Date/Time: 7/11/24 6:41		



HIGH VOLTAGE-TRANSMISSION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/12/24 Date To: 7/12/24 Time From: 6:00 AM Time To: 10:00 PM		3. Branch: High Voltage
4. Operations Personnel: Name		Contact Number(s)		Division:
Operations Section Chief: <u>Deryl Tumlinson</u>		██████████		
Branch Director: <u>Matthew Cox</u>		██████████		
Division/Group Supervisor: <u>Matthew Bell</u>		██████████		
5. Resources Assigned:			# of Persons	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader	Contact (e.g., phone, pager, radio frequency, etc.)		
Transmission Staff	Matthew Bell	76	██████████	Transmission Line damage assessment, restoration, and logistics personnel. SOH S/C
Transmission Contractors & Internal Transmission Crews	Matthew Bell	209	██████████	110 Internal and Contract Transmission Crews assigned to assist Distribution with restoration
Crew Spokesperson	Matthew Bell	8	██████████	Crew Spokesperson
6. Work Assignments:				
Transmission crews have currently restored 31 of the 32 Transmission Line Outages. Crews have begun making repairs to lines that were damaged but still energized (Operations). The updated information on remaining restoration efforts can be found below. 110 Transmission crews (52 Contract Crews) assigned to assist Distribution Operations with restoration efforts.				
138	LN89 NV-WC	14 wood poles destroyed between Str #04612-04597. ETR: COB 7/15. (DA-WC Out). 1 str set, 7 more on site, on schedule.		
138	LN93 LM-GA	Broken static STR#11786. Half day outage scheduled for 7/12/24.		
138	LN82 KR-WAP	Debris damaged tower, bent steel Str# 18956. Cleared, minor damage discovered that will require mod steel. WO created, drawings complete by 7/11/24 afternoon.		
138	LN84 MB-WRN	Broken fiber between Str #14963-14962. Fiber temporarily coiled near Str #14962. ETR 7/12/2024		
138	LN06 PHR-MYK	A phase jumper blew into tower at Str #10346. Outage needed, not set		
7. Special Instructions:				
9. Prepared by: Name: <u>Dante Jackson</u>		Position/Title: <u>Transmission Policy Consultant</u> Signature: _____		
ICS 204	IAP Page <u>5</u>	Date/Time: <u>07/11/24 5:05pm</u>		



HIGH VOLTAGE-SUBSTATION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/12/24 Date To: 7/12/24 Time From: 6:00 AM Time To: 10:00 PM		3. Branch: High Voltage
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u> Operations Section Chief: <u>Deryl Tumlinson</u> [REDACTED] Branch Director: <u>Gary Chapa</u> Division/Group Supervisor: <u>Wes Paxton</u>			Division:	
5. Resources Assigned:				Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	
In-house BU SSO staff	Wes Paxton	253	[REDACTED]	
6. Work Assignments: Information is based on assessments completed to date.				
<ul style="list-style-type: none"> Complete remaining non-CEHE substation assessments by EOD 7/12/2024. Perform switching to restore transmission. Ongoing. Address distribution breaker issues identified during the circuit restoration process. Ongoing. Perform testing and restoration of remaining out of service transformers at Velasco and Gears on 7/12/2024. Return to service the Jones Creek 345kV line 27 to Refuge, pending repairs by Transmission with an ETR by EOD 7/12/2024. Bushing replacement ongoing at White Oak Auto 3. 				
ETRs for out of service transformers:				
<ul style="list-style-type: none"> - White Oak A3 (7/13/2024) - Velasco TR2 (7/12/2024) - Gears TR2 (7/12/2024) 				
ETRs for breakers currently identified for replacement:				
12kV	Garrot - 7F0 (ETR pending distribution outage capability)	35kV	Obrien - 7A0 (7/12/2024)	
	Hall 11A0 (7/12/2024)		Mason Rd. - 17A0 (ETR pending distribution outage capability)	
	Parkway 45A0 (7/12/2024)		Louetta - 21A0 (7/12/2024)	
			Southwyck - 9A0 (7/16/2024)	
7. Special Instructions: N/A				
8. Communications (radio and/or phone contact numbers needed for this assignment):				
<u>Name/Function</u>		<u>Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</u>		
/		/		
/		/		
9. Prepared by: Name: <u>Brad Harris</u> Position/Title: _____ Signature: _____				
ICS 204	IAP Page <u>6</u>	Date/Time: <u>07/12/24 5:30am</u>		



MAJOR UNDERGROUND ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/12/24 Date To: 7/12/24 Time From: 6:00 AM Time To: 10:00 PM		3. Branch: Major Underground
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u>			Division:	
Operations Section Chief: <u>Deryl Tumlinson</u>		[REDACTED]		
Branch Director: <u>Roland Deike</u>		[REDACTED]		
Division/Group Supervisor: <u>Ryan Abshier</u>			[REDACTED]	
5. Resources Assigned:				Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	
MUG Relay	Josh Hajdik	40	C: [REDACTED]	
MUG Cable – CCN	Aaron Minervine	46	C: [REDACTED]	
MUG Cable – COA	Mike Haney	45	C: [REDACTED]	
MUG Contractor	Daniel Benard	10	C: [REDACTED]	
6. Work Assignments: Prioritize critical customer outage events. Support Mobile Gen installations and decommissions. Assessing and restoring all type 3 (Underground) outages Continue assisting OH Distribution with type 1 (OH, specifically lateral fuses) and type 2 (URD) outage events at a limited capacity				
7. Special Instructions: Prioritize and address underground circuit issues and critical customer outages as they arise. Move more crews to type 1 and type orders as type 3 order numbers reduce.				
8. Communications (radio and/or phone contact numbers needed for this assignment): <u>Name/Function</u> <u>Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</u> Roland Deike [REDACTED] Ryan Abshier [REDACTED] Aaron Minervine [REDACTED]				
9. Prepared by: Name: <u>Ryan Abshier</u> Position/Title: <u>Director, MUG Engineering</u> Signature: _____				
ICS 204	IAP Page <u>7</u>	Date/Time: <u>7/11/24 5:15 PM</u>		



MEDICAL PLAN (ICS 206-CNP)

1. Incident Name: Hurricane Beryl	2. Operational Period: Date to: 7/12/24 Time From: 6:00 AM	Date from: 07/12/24 Time To: 10:00 PM			
3. Medical Aid Stations:					
Name	Location	Contact Number(s)	Paramedics on Site?		
AMR Houston	NRG	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Reed Rd	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Brazoria County Fairgrounds	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Sam Houston Raceway Park	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No		
5. Hospitals:					
Hospital Name	Address	Contact Number(s)	Trauma Center	Burn Center	Helipad
Memorial Hermann Medical Center	6411 Fannin St Houston, TX 77030	(713) 704-4000	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Sugarland	17500 West Grand Parkway South, Sugarland, TX 77479	(281) 725-5000	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Houston North Cypress	21214 Northwest Fwy, Cypress, TX 77429	(832) 912-3500	<input checked="" type="checkbox"/> Yes Level: <u>4</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann at Northeast	18951 Memorial N, Humble, TX 77338	(281) 540- 7700	<input checked="" type="checkbox"/> Yes Level: <u>4</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Cypress Hospital	27800 Northwest Fwy, Cypress, TX 77433	(346) 231-4000	<input checked="" type="checkbox"/> Yes Level: <u>3</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Katy	23900 Katy Freeway, Katy TX 77494	(281) 644-7111	<input checked="" type="checkbox"/> Yes Level: <u>3</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
UTMB Health Angleton ER	132 E Hospital Dr, Angleton, TX 77515	(979) 848-9131	<input checked="" type="checkbox"/> Yes Level: <u> </u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Hospital Mainland	6801 Ennett F Lowry Expy, Texas City, TX 77591	(409) 938-5000	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Herman Emergency Center at Southeast Hospital	11800 Astoria, Houston, TX 77089	(281) 929-6100	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Houston Tomball	605 Holderrieth Blvd, Tomball, TX 77375	(281) 401-7500	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
St. Lukes Health Brazosport Hospital Lake Jackson	100 Medical Dr, Lake Jackson, Tx 77566	(979) 297-4411	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



1. Incident Name: Hurricane Beryl	2. Operational Period:	Date to: 7/12/24 Time From: 6:00 AM	Date from: 07/12/24 Time To: 10:00 PM
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6. Medical Emergency Procedures:

Report any incidents per normal operating procedures. Contact RTO for Life Flight services.
Notify your local safety specialist if any assistance is needed.
They are available by cell phone.

Kevin Sheffield	Safety Coordinator	[REDACTED]
Ryan Friesz	Safety Coordinator	[REDACTED]
Skyler Thomson	Safety Coordinator	[REDACTED]
Tyler Bielski	Safety Coordinator	[REDACTED]
Ryan Rutherford	Safety Coordinator	[REDACTED]
Wayland Smith	Public Safety	[REDACTED]
Dustin Krantz	Public Safety	[REDACTED]
Brett Richardson	Public Safety	[REDACTED]

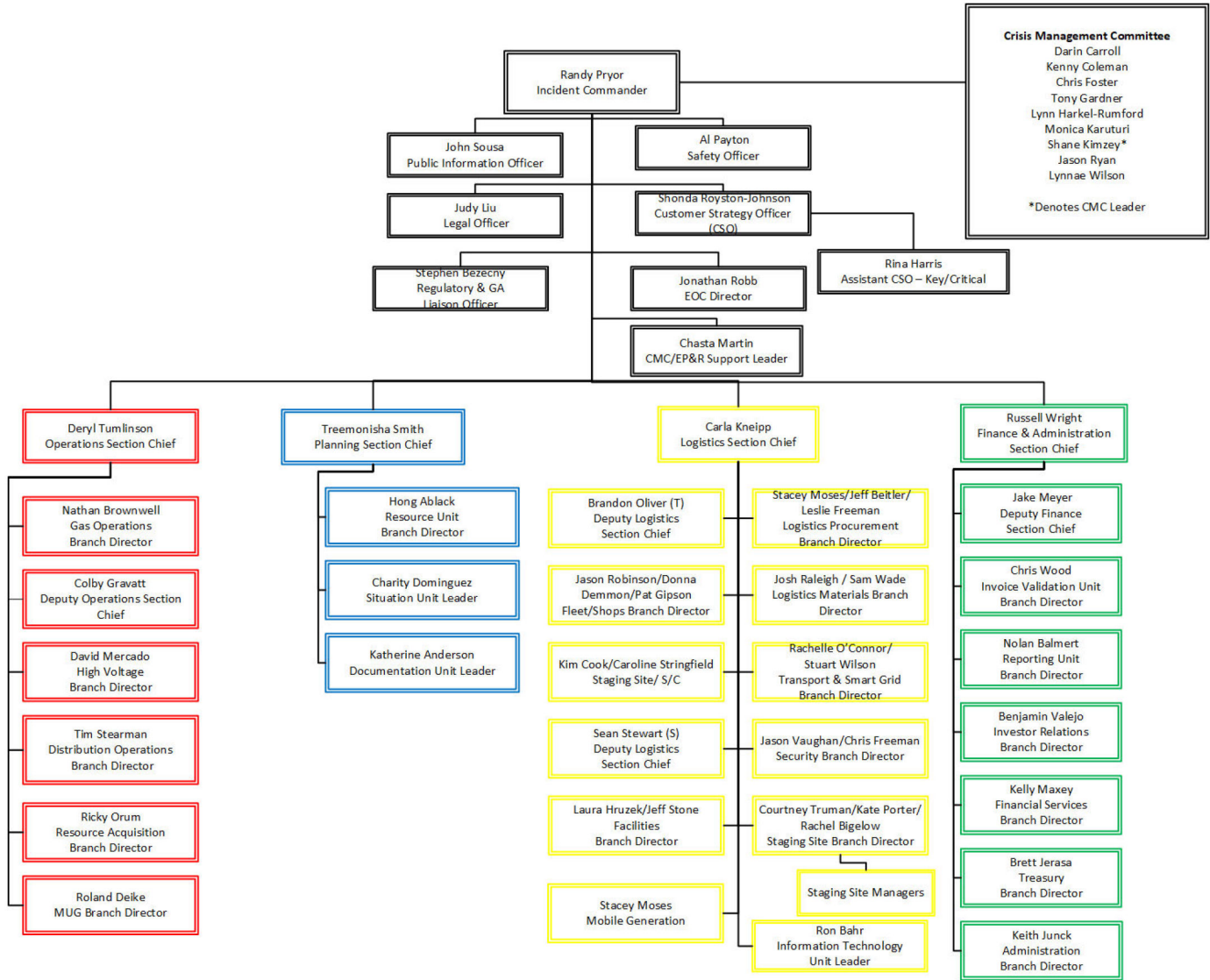
7. Prepared by	Name: Jon Nixon	ICS Title: Safety Administration Manager
8. Approved by (Safety Officer): Al Payton		
ICS 206-CNP IAP Page <u>8-9</u>		



ORGANIZATION CHART (ICS 207-CNP)

1. Incident Name: Hurricane Beryl
 2. Operational Period: Date From: 7/12/2024 Date To: 7/12/2024
 Time From: 6:00 AM Time To: 10:00 PM

3. Organizational Chart





SAFETY MESSAGE/PLAN (ICS 208-CNP)

1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 07/12/24 Date To: 07/12/24 Time From: 06:00 AM Time To: 10:00 PM
3. Safety Message/Expanded Safety Message, Safety Plan, Site Safety Plan:	
<p>GENERAL</p> <ul style="list-style-type: none"> We are under a heat advisory, remember to stay hydrated and take breaks to cool down. This has become a long duration event; this is not a race! Patience and effective communication is key to successful restoration efforts. Be aware of the potential for backfeed. Cutting corners is not worth your life! <p>SAFE WORK PRACTICES</p> <ul style="list-style-type: none"> Take your time and assess the hazards and develop appropriate measures to address those hazards. Remember to remain aware of changing conditions. Work together to maintain situational awareness. Stay away or out of damaged buildings or structures. Address damage or debris hazards at your location that may impact you. (Damaged awnings, broken glass, broken signs, area lighting, downed utility lines, broken poles, and broken tree limbs) Call before you dig- call 811 for emergency locates. <p>TRAFFIC</p> <ul style="list-style-type: none"> Be mindful of current road closures. Be aware of traffic hazards such as unlit or uncontrolled intersections, high water, distracted drivers, vehicle collisions, etc. Monitor Transtar for updates. Mark out work area protection zones clearly with traffic cones, signs and flaggers if necessary. Wear traffic vests. On Tollways, be aware that large trucks will not fit through the regular lanes, use EZ Tag lanes. Report all vehicle collisions. Obtain collision information and report immediately to your crew leader, FCC or coordinator. If you have vehicle trouble and need assistance, you may call [REDACTED] to reach Fleet Services. <p>FLOODING/HIGH WATER</p> <ul style="list-style-type: none"> Avoid creek/river areas where flood waters will be moving faster. Review routes for flooded roadways before leaving for destination. Avoid high water areas when unsure of depth and safe travel. <p>PPE</p> <ul style="list-style-type: none"> Wear all appropriate PPE including long-sleeve FR apparel. <p>ELECTRICAL WORK/ GROUNDING</p> <ul style="list-style-type: none"> Test, tag and ground all de-energized conductors before working as dead. Work between grounds. Never assume anything is dead. There will be many generators and other energy sources and backfeed is always a hazard. Use orange or red flagging at ground locations for visual aid. Reminder – we’ve got two ways to work; dead and grounded or energized with cover and gloves. Grounding for tree crews is a “must” – Work with the tree crews to ground as necessary. Remove high side jumpers after opening disconnects, especially when working on the same structure as the disconnect switch. Report any unqualified or unapproved personnel (rogue line workers) working on CNP assets to Corporate Security. 	
4. Prepared by: Name: <u>Marguerite Porsch</u> Position/Title: <u>Safety Administration</u> Signature: _____	
ICS 208-CNP	IAP Page <u>11</u>
Date/Time: <u>07/11/24 7:40 AM</u>	



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 07/12/24 Date To: 07/12/24 Time From: 06:00 AM Time To: 10:00 PM
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ENVIRONMENTAL HAZARDS

- Leaking equipment- immediately report to your crew leader, FCC or coordinator with detailed addresses and spill size. See Environmental spill form.

OUTDOOR SAFETY / HEAT

- Be aware of insect and snake hazards, as well as poisonous plants.
- Take time to **hydrate** and take breaks in shaded areas or vehicles with A/C as needed. If you are not feeling well, communicate with your supervisor and co-workers.
- Stay hydrated. Drink plenty of fluids but don't overdo sports drinks. Maintain balance of electrolytes.
- Avoid drinking too much coffee/energy drinks in hot conditions as caffeine is a diuretic which means it can easily cause dehydration.
- Drink before feeling thirsty. By the time you feel thirsty, you are already dehydrated.
- When working in the heat, drink 1 cup (8 ounces) of water every 15–20 minutes.
- Drinking at shorter intervals is more effective than drinking large amounts.
- We need several hours to drink enough fluids to replace what we have lost during the day. The sooner you get started, the less strain you place on your body.

FIRST AID/ INJURIES

- Report all injuries. Obtain relevant information and report immediately to your crew leader, FCC or coordinator.
- Refer to the Medical Plan for available emergency room locations.
- Contact Medical Case Management for assistance when necessary.
- Seek treatment while it is a minor issue to prevent it from becoming a major issue.

PHYSICAL SECURITY

- Remain aware of your surroundings.
- Allow crew spokespersons to interact with customers and members of the public.
- Communicate with empathy and respect. Try to deescalate where possible.
- Leave the area and call Corporate Security [REDACTED] or 911 if physically threatened.

4. Approved by: Name: Al Payton Position/Title: Safety Officer Signature: _____

ICS 208-CNP

IAP Page 12

Date/Time: 07/11/24 7:40 AM

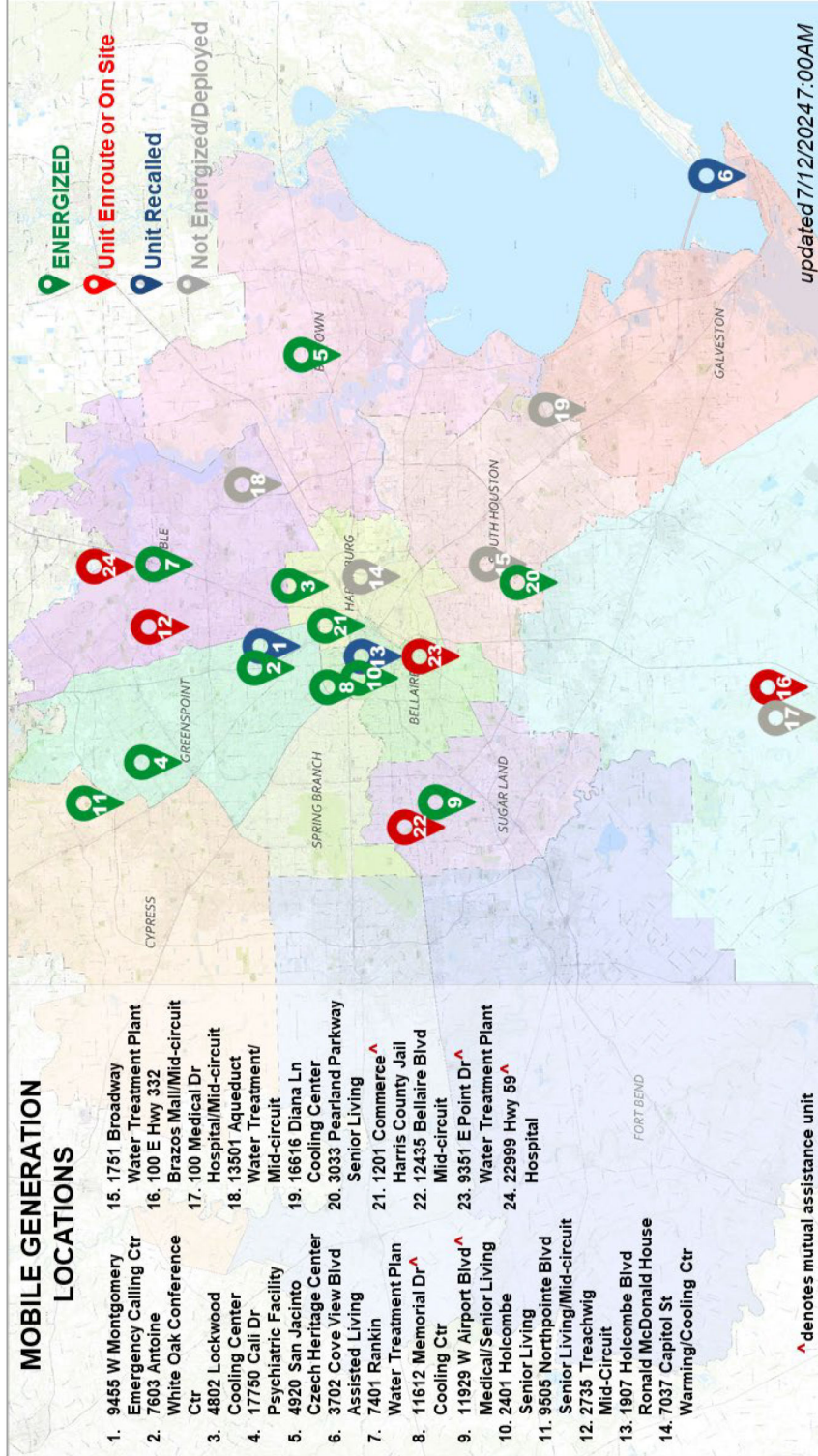


DAILY MEETING SCHEDULE ICS 230-CNP

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/12/2024 Date To: 7/12/2024 Time From: 6:00 AM Time To: 10:00 PM		
3. Meeting Schedule (Commonly held meetings are included)				
Time	Meeting	Purpose	Attendees	Location
8:00 AM	EOC Briefing	Provide an incident update and report any resource needs or outstanding issues.	<ul style="list-style-type: none"> • Command Staff • General Staff • Others as identified 	EOC and Virtual (MS Teams)
8:30 AM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
10:00 AM	Media, Gov't/Regulatory, Critical/Key Customer Communications Updates Sent	Check in on news releases, critical customer updates, mobile gen deployment	<ul style="list-style-type: none"> • PIO • Liaison Officer • Customer Communications 	
1:30 PM	EOC Objectives Check-in	Review and revise objectives	<ul style="list-style-type: none"> • Command Staff • General Staff 	EOC and Virtual (MS Teams)
2:00 PM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
5:00 PM	Media, Gov't/Regulatory, Critical/Key Customer Communications Updates Sent	Check in on news releases, critical customer updates, mobile gen deployment	<ul style="list-style-type: none"> • PIO • Liaison Officer • Customer Communications 	
6:00 PM	EOC Briefing	Provide an incident update and report any resource needs or outstanding issues.	<ul style="list-style-type: none"> • Command Staff • General Staff • Others as identified 	EOC and Virtual (MS Teams)
6:30 PM	Objectives and Strategy Development	Develop a unified EOC strategy to support on-scene operations.	<ul style="list-style-type: none"> • Command Staff • Section Chiefs 	
8:00 PM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
4. Prepared by:				
Name: <u>Treemonisha Smith</u> Position/Title: <u>Planning Section Chief</u> Signature: _____				
ICS 230-CNP		IAP Page 13	Date/Time: <u>07/10/2024 8:00 AM</u>	



Hurricane Beryl MOBILE GEN DEPLOYMENT



General Framework for Small-United Mobile Generation Deployment		
General Priority Level*	Category	Examples of Category
1	Hospital	100 Bed in-patient hospitals, Cancer Treatment, Level 1 Trauma Center
2	Emergency Services/ HAS	City/County Emergency Management, Police, Fire/Ambulatory Facilities, Critical Airport Facilities
3	Cooling Centers	Cooling Centers designated by local Cities
4	Senior/Assisted Living	Services support
5	Small ERs/Dialysis	Out-Patient Care Facilities, Dialysis Clinics, Small ER Centers
6	Clinics/Pharmacy	Urgent Care, Clinics, Commercial Pharmacies
7	Grocery Stores	Major Grocery Store Chains
8	Hardware Stores/Commercial	Commercial Facilities that support Logistics/ supply chain and community and individual relief and restoration efforts



**Hurricane Beryl
STAGING SITES LIST AND STATUS
7/12/24**

Priority	Staging Site Name	Status	Primary SS Manager	Ops Manager	HC Capacity	Actual (+50 internal not included)	Turnkey	Checked in as of 7/10/24 5:00pm*
1	Brazoria	Operational	Santos Calderon	Jason Grier	900	870	ITS	668
2	Ft Bend	Operational	Marcus Richardson	Kenny Greener	800	809	Cotton	830
3	Reed Rd	Operational	Jerry Cleveland	Nick White	900	878	ITS	956
4	Sam Houston	Operational	Steve Harrington	Allen Chelette	480	473	Cotton	517
5	Freedom Field	Operational	John Dodge	Dyron Walker	800	790	ITS	350
6	Galveston County	Operational	Richard Gaid	Scott Harbuck	400	364	Cotton	13
7	NRG Yellow	Operational	Leslie Cummings	Amy Kretschmar	1000	999	Cotton	112
8	Legacy/Rhodes Stadium	Operational	Jeremy Haase	Theron Cage	1100	1041	Cotton	300
9	Tomball ISD	Operational	Vic Cleveland	George Eason	600	613	ITS	12
10	AMC	Operational	Michael Traktenberg	Geno Guerro	600	607	Cotton	217
11	Humble Civic Center	Operational	John Price	Mike Davis	450	453	ITS	30
12	Lonestar College - Tomball	Operational	Derrick Jones	Ron Dugger	400	400	ITS	0
13	BASF	Operational	Clint Jones	Sean Cameron	800	856	DRG	472
14	Pearland ISD Stadium	Operational	Elyse Leblanc	Brian Medellin	400	398	Base	249
15	Manvel ISD Stadium	Operational	Munir Odhwani	Josh Swanson	450	450	Cotton	450



Priority	Staging Site Name	Status	Primary SS Manager	Ops Manager	HC Capacity	Actual (+50 internal not included)	Turnkey	Checked in as of 7/10/24 5:00pm*
16	Barnett ISD*	Operational	Jamie Herdocia	Devon Koeppen	400	500	Cotton	140
17	Moody	Operational	April Fabre	David White	500	500	CNP	
18	Rhodes Stadium	Operational	see row 8					
19	2920 Spring		Steven Burns	J Hobbs Tracy Pailhoda			Oncor	
20	George Turner Stadium (Humble)		Steve Rawlinson	M Sparacino			Quanta	
21	Berry Stadium*		Moved from Barnett					

Group A (blue) 7/8 9am – onboard ready 7/9 5am crew ready | Group B (salmon) 7/9 9pm crew ready | Group C (purple) 7/10 5am crew ready | Group D (gray) | *Transitioning Barnett to a materials yard due to safety concerns; personnel resources and support moving to Berry Stadium

Man Camp Name	Status	Capacity	Turnkey
MC1 Pasadena	Complete	2,016	ITS
MC2 Tomball ISD	Complete	1,176	ITS
MC3 Lake Jackson	Complete	1,672	Cotton
MC4 Freedom Field	Complete	1,008	ITS
Total		5,872	

Total Staging Site Need	10,800
Total Available Capacity	10,980
Total Remaining Need	200



CenterPoint Energy
Emergency Operations Center

Incident Action Plan (IAP)

Hurricane Beryl

Operations Period:
07/13/2024 6:00 AM – 07/13/2024 10:00 PM

Prepared By:
Treemonisha Smith, Planning Section Chief

Approved By:

A handwritten signature in black ink that reads "Randy Pryor".

Randy Pryor, Incident Commander

7/13/2024 3:24 PM

Date/Time



INCIDENT OBJECTIVES AND SITUATION UPDATE (ICS 202-CNP)

1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/13/2024 Date To: 7/13/2024 Time From: 6:00 AM Time To: 10:00 PM
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3. Situation Summary: Describe the event, the affected portion(s) of the territory, the number of customers without power, impacted circuits, substations and other facilities and other factors critical to the event

Hurricane Beryl made landfall in Matagorda early Monday morning, July 8, as a Category 1 hurricane, producing strong winds as high as 97 mph and causing significant property damage, tree damage, and downed power lines. Texas Gas peaked at 1,200 emergency orders. Texas Gas has resumed normal operations and transitioned to supporting electric restorations. CenterPoint Houston Electric outages peaked at 2.265 million customers.

Forecast for Saturday, July 13

Showers and thunderstorms likely, mainly after 1pm. Mostly cloudy, with a high near 89. Calm wind becoming southeast around 5 mph in the afternoon. Chance of precipitation is 70%. New rainfall amounts between a tenth and quarter of an inch, except higher amounts possible in thunderstorms.

CEHE Impact Numbers as of 7/13/2024 | 8:10 a.m.

Customers	Circuits	Fuses	Transformers	Locals
689,594	506	3,963	3,660	5,836

4. Mission Objectives:

- Restore 85% of hurricane-related outages by EOD Sunday.(Electric Ops) – *On Track*
- Identify and deploy mobile generation to 10 sites and 1 mid span daily. (Electric Ops)-*14 energized, 1 enroute/onsite (includes 2 mid-circuit)*
- Monitor published ETRs for accuracy daily (Electric Ops). *On Track*
- Disseminate updated outage data, resource counts, ETR policy, and impacted areas to our external partners every four hours. (JIC)-*Continuous*
- Disseminate daily core messages internally to align external communications. (JIC)-*Continuous*

4a. Mission Supporting Objectives

- Deploy all remaining crews arriving. (Electric Ops)
- Deploy 5MW units for mid-span within 24 hours (pick up larger #s of residential and customer mix based on extensive damage to portions of a circuit) (Electric Ops) – See Mobile Gen Map attached
- Deploy smaller units per priority table within 24 hours [anticipated to be used primarily cooling centers (33 of 47 identified ones appear viable) and then groceries with pharmacy, gas, and grocery (hospitals and others generally have backup, and schools are out]. (Electric Ops) – See Mobile Gen Map attached
- Deploy mobile generation based on customer prioritization index as additional units become available. (Electric Ops) – See Mobile Gen Map and priority table attached
- Secure mobile generation assets in CEHE footprint and support deployment of units as needed with delivery, fueling, fencing based on prioritization noted. (Logistics) -*Continuous*
- Continue to evaluate needs for additional staging sites and secure additional staging sites as needed to provide flexibility and scalability throughout the response. (Logistics)- *Continuous*

7. Prepared by: Treemonisha Smith	Position/Title: Planning Section Chief
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1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/13/2024 Date To: 7/13/2024 Time From: 6:00 AM Time To: 10:00 PM
4a. Mission Supporting Objectives (continued) <ul style="list-style-type: none"> • Throughout the response, secure hotels/man camps and bussing to support external mutual assistance and vegetation management crews, as well as internal personnel. (Logistics)- <i>Continuous</i> • Secure additional resources as needed to address potential internal gaps detailed by operational support teams. (Logistics)- <i>Continuous</i> • Refine strategy and narrative with key issues and sentiment metrics driving the approach each morning at 8:00 AM. (Comms) -<i>Continuous</i> • Create and send out two news releases each day by one in the morning and one in the evening. (Joint Comms) -<i>Continuous</i> • Send at least two informational updates to employees during the activation. (Internal Comms) - <i>Continuous</i> • Maintain and monitor all social media channels and create at least 10 posts daily with an emphasis on “in the field” visuals damages and CNP’s restoration work including Mobile Gen. (Joint Comms) - <i>Continuous</i> • Conduct 5-8 media interviews daily, with the potential for higher numbers based upon demand. (Joint Comms) -<i>Continuous</i> • Proactively deploy a media briefing approach at key times during the response to enhance efficiency and effectiveness of media outreach. (Joint Comms) -<i>Continuous</i> • Identify and meet ongoing needs of section leaders and their teams, including Utility Marketing’s support for Customer Experience’s efforts (e.g., produce daily service center outage update). (Joint Comms) - <i>Continuous</i> 	
7. Prepared by: Treemonisha Smith Position/Title: Planning Section Chief	
ICS 202-CNP, Page 2	



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/13/2024 Date To: 7/13/2024 Time From: 6:00 AM Time To: 10:00 PM																																																
5. Key Account Outages Numbers as of July 13, 2024 7:30AM <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th style="text-align: left;">Priority</th> <th style="text-align: right;">Count</th> </tr> </thead> <tbody> <tr><td>Cogeneration</td><td style="text-align: right;">705</td></tr> <tr><td>Sewer Lift</td><td style="text-align: right;">386</td></tr> <tr><td>Water Other</td><td style="text-align: right;">309</td></tr> <tr><td>Sewer Other</td><td style="text-align: right;">152</td></tr> <tr><td>Sewer Treatment</td><td style="text-align: right;">106</td></tr> <tr><td>Fire Station</td><td style="text-align: right;">65</td></tr> <tr><td>Water Pumping</td><td style="text-align: right;">65</td></tr> <tr><td>Water Well</td><td style="text-align: right;">65</td></tr> <tr><td>Health Service</td><td style="text-align: right;">42</td></tr> <tr><td>Water Treatment</td><td style="text-align: right;">39</td></tr> <tr><td>Warming/Cooling</td><td style="text-align: right;">22</td></tr> <tr><td>Medical</td><td style="text-align: right;">16</td></tr> <tr><td>Police</td><td style="text-align: right;">11</td></tr> <tr><td>TRANSTAR</td><td style="text-align: right;">9</td></tr> <tr><td>Airport</td><td style="text-align: right;">7</td></tr> <tr><td>Human Services</td><td style="text-align: right;">6</td></tr> <tr><td>Fire Other</td><td style="text-align: right;">5</td></tr> <tr><td>Jail</td><td style="text-align: right;">5</td></tr> <tr><td>College</td><td style="text-align: right;">4</td></tr> <tr><td>Emergency Management</td><td style="text-align: right;">3</td></tr> <tr><td>NASA</td><td style="text-align: right;">2</td></tr> <tr><td>Port</td><td style="text-align: right;">1</td></tr> <tr style="font-weight: bold;"> <td>Grand Total</td> <td style="text-align: right;">2,025</td> </tr> </tbody> </table>		Priority	Count	Cogeneration	705	Sewer Lift	386	Water Other	309	Sewer Other	152	Sewer Treatment	106	Fire Station	65	Water Pumping	65	Water Well	65	Health Service	42	Water Treatment	39	Warming/Cooling	22	Medical	16	Police	11	TRANSTAR	9	Airport	7	Human Services	6	Fire Other	5	Jail	5	College	4	Emergency Management	3	NASA	2	Port	1	Grand Total	2,025
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NASA	2																																																
Port	1																																																
Grand Total	2,025																																																
6. Incident Action Plan (the items checked below are included in this Incident Action Plan): <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ICS 203-CNP</td> <td><input checked="" type="checkbox"/> ICS 207-CNP</td> <td rowspan="5" style="vertical-align: top;"> <u>Other Attachments:</u> <input checked="" type="checkbox"/> <u>Mobile Generation Map and Priority Table</u> <input checked="" type="checkbox"/> <u>Staging Sites List</u> <input type="checkbox"/> _____ <input type="checkbox"/> _____ </td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 204-CNP</td> <td><input checked="" type="checkbox"/> ICS 208-CNP</td> </tr> <tr> <td><input type="checkbox"/> ICS 205-CNP</td> <td><input checked="" type="checkbox"/> ICS 230-CNP</td> </tr> <tr> <td><input type="checkbox"/> ICS 205A-CNP</td> <td><input type="checkbox"/> Map/Chart</td> </tr> <tr> <td><input type="checkbox"/> ICS 206-CNP</td> <td><input type="checkbox"/> Weather Forecast/Tides/Currents</td> </tr> </table>		<input type="checkbox"/> ICS 203-CNP	<input checked="" type="checkbox"/> ICS 207-CNP	<u>Other Attachments:</u> <input checked="" type="checkbox"/> <u>Mobile Generation Map and Priority Table</u> <input checked="" type="checkbox"/> <u>Staging Sites List</u> <input type="checkbox"/> _____ <input type="checkbox"/> _____	<input checked="" type="checkbox"/> ICS 204-CNP	<input checked="" type="checkbox"/> ICS 208-CNP	<input type="checkbox"/> ICS 205-CNP	<input checked="" type="checkbox"/> ICS 230-CNP	<input type="checkbox"/> ICS 205A-CNP	<input type="checkbox"/> Map/Chart	<input type="checkbox"/> ICS 206-CNP	<input type="checkbox"/> Weather Forecast/Tides/Currents																																					
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7. Prepared by: Treemonisha Smith Position/Title: Planning Section Chief																																																	
ICS 202-CNP, Page 3																																																	



DISTRIBUTION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/13/24 Date To: 7/13/24 Time From: 06:00 AM Time To: 10:00 PM		3. Branch: Distribution
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u>			Division:	
Operations Section Chief: <u>Deryl Tumlinson</u>		██████████		
Branch Director: <u>Tim Stearman</u>		██████████		
Division/Group Supervisor: <u>Darrell Ward</u>		██████████		
5. Resources Assigned:				Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	
DDOC Planning Sec Chief	Erik Swiney	1	██████████	
Ops Supervisors	Darius Tate	3	██████████	
	Israel Garza		██████████	
	Jason Beard		██████████	
6. Work Assignments:				
<ul style="list-style-type: none"> Most CNP Operations leadership and linemen continue managing and supporting the roughly 8,500 foreign line skills and 2,500 tree trimmers that are operating out of the 18 staging sites that have been established across our footprint. Additional crews have been brought in for a total of 10,000 line skills 3 additional staging sites are being opened for a total of 21 sites 				
7. Special Instructions:				
8. Communications (radio and/or phone contact numbers needed for this assignment):				
<u>Name/Function</u>		<u>Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</u>		
/				
/				
/				
/				
9. Prepared by: Name: <u>Erik Swiney</u> Position/Title: <u>SAM CYP</u> Signature: _____				
ICS 204	IAP Page <u>4</u>	Date/Time: 7/12/24 5:41		



HIGH VOLTAGE-TRANSMISSION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/13/24 Date To: 7/13/24 Time From: 6:00 AM Time To: 10:00 PM		3. Branch: High Voltage
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u>		Division:		
Operations Section Chief: <u>Deryl Tumlinson</u> [REDACTED]				
Branch Director: <u>Matthew Cox</u> [REDACTED]				
Division/Group Supervisor: <u>Matthew Bell</u> [REDACTED]				
5. Resources Assigned:				Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	
Transmission Staff	Matthew Bell	76	[REDACTED]	
Transmission Contractors & Internal Transmission Crews	Matthew Bell	279	[REDACTED]	
Crew Spokesperson	Matthew Bell	8	[REDACTED]	
6. Work Assignments:				
Transmission crews have currently restored all Transmission Line Outages (1 remaining partial restoration with all substations energized). Crews have continued repairs to lines that were damaged but still energized (Operations). The updated information on remaining restoration efforts can be found below. 151 Transmission crews (Contract Crews included) assigned to assist Distribution Operations with restoration efforts.				
138	LN89 NV-WC	14 wood poles destroyed between Str #04612-04597. ETR: COB 7/15. (DA-WC Out). 1 str set, 7 more on site, on schedule. *Line Sectionalized*		
138	LN93 LM-GA	Broken static STR#11786. Half day outage scheduled for 7/12/24. (Operation) ETR 7/12/24		
138	LN82 KR-WAP	Debris damaged tower, bent steel Str# 18956. Cleared, minor damage discovered that will require mod steel. WO created, drawings complete by 7/11/24 afternoon.(Operation) ETR TBD		
138	LN84 MB-WRN	Broken fiber between Str #14963-14962. Fiber temporarily coiled near Str #14962.(Operation) ETR 7/12/2024 ETR 7/13/24		
138	LN06 PHR-MYK	A phase jumper blew into tower at Str #10346. Outage needed, not set.(Operation) ETR 7/13/24		
138	LN92 SCR-PHR	Suspension Insulator STR# 09194 C Phase. Brandon Harris onsite. Crew dispatched 7/11/24 for repair. Outage required, scheduled. (Operation) On schedule ETR 7/12/24		
7. Special Instructions:				
9. Prepared by: Name: <u>Dante Jackson</u> Position/Title: <u>Transmission Policy Consultant</u> Signature: _____				
ICS 204	IAP Page <u>5</u>	Date/Time: <u>07/12/24 2:00pm</u>		



HIGH VOLTAGE-SUBSTATION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/13/24 Date To: 7/13/24 Time From: 6:00 AM Time To: 10:00 PM		3. Branch: High Voltage
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u> Operations Section Chief: <u>Deryl Tumlinson</u> [REDACTED] Branch Director: <u>Gary Chapa</u> Division/Group Supervisor: <u>Wes Paxton</u>			Division:	
5. Resources Assigned:		# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader			
In-house BU SSO staff	Wes Paxton	253	[REDACTED]	Normal assigned work locations
6. Work Assignments: Information is based on assessments completed to date.				
<ul style="list-style-type: none"> • Assessments complete for those non-CEHE owned substations that CEHE crews were able to gain entry to. Assessments will be completed for the remaining eight non-CEHE owned customer substations once access to the site is obtained (working with Transmission Accounts). • Perform switching to restore transmission. Ongoing. • Address distribution breaker issues identified during the circuit restoration process. Ongoing. • Bushing replacement complete on White Oak Auto 3. Planning to energize Auto 3 during the morning of 7/13/2024 after the required settling time is complete. • Will continue addressing the outstanding substation equipment and facility issues identified during the assessments. • • ETRs for out of service transformers: • White Oak A3 (7/13/2024) 				
ETRs for breakers currently identified for replacement:				
12kV	Garrot - 7F0 (ETR pending distribution outage capability)	35kV	Mason Rd. - 17A0 (ETR pending distribution outage capability)	
	Knight 05A0 (7/13/2024)		Southwyck - 9A0 (7/16/2024)	
7. Special Instructions: N/A				
8. Communications (radio and/or phone contact numbers needed for this assignment): <u>Name/Function</u> <u>Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</u> _____/_____ _____/_____				
9. Prepared by: Name: <u>Brad Harris</u> Position/Title: _____ Signature: _____				
ICS 204	IAP Page <u>6</u>	Date/Time: <u>07/12/24 4:00pm</u>		



MAJOR UNDERGROUND ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/13/24 Date To: 7/13/24 Time From: 6:00 AM Time To: 10:00 PM		3. Branch: Major Underground
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u>			Division:	
Operations Section Chief: <u>Deryl Tumlinson</u>		██████████		
Branch Director: <u>Roland Deike</u>		██████████		
Division/Group Supervisor: <u>Ryan Abshier</u>		██████████		
5. Resources Assigned:				Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	
MUG Relay	Josh Hajdik	40	C: ██████████	Harrisburg
MUG Cable	Aaron Minervine	46	C: ██████████	Harrisburg
MUG Mobile GEN	Mike Haney	45	C: ██████████	Harrisburg
MUG Contractor	Daniel Benard	10	C: ██████████	Harrisburg
6. Work Assignments:				
<ul style="list-style-type: none"> Prioritize critical customer outage events. Support Mobile Gen installations and decommissions. Assessing and restoring all type 3 (Underground) outages Continue assisting OH Distribution with type 1 (OH, specifically lateral fuses) and type 2 (URD) outage events 				
7. Special Instructions:				
<p>Prioritize and address underground circuit issues and critical customer outages as they arise. Move more crews to type 1 and type 2 orders as type 3 order numbers reduce.</p> <p>8 Oncor crews (32 skilled resources) onsite for mobile gen installations with their generators</p>				
8. Communications (radio and/or phone contact numbers needed for this assignment):				
<u>Name/Function</u>		<u>Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</u>		
Roland Deike		██████████		
Ryan Abshier		██████████		
Aaron Minervine		██████████		
9. Prepared by: Name: <u>Roland Deike</u> Position/Title: <u>Director, MUG Operations</u> Signature: _____				
ICS 204	IAP Page <u>7</u>	Date/Time: <u>7/12/24 2:45 PM</u>		



MEDICAL PLAN (ICS 206-CNP)

1. Incident Name: Hurricane Beryl	2. Operational Period: Date to: 7/13/24 Time From: 6:00 AM	Date from: 07/13/24 Time To: 10:00 PM			
3. Medical Aid Stations:					
Name	Location	Contact Number(s)	Paramedics on Site?		
AMR Houston	NRG	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Reed Rd	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Brazoria County Fairgrounds	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Sam Houston Raceway Park	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
5. Hospitals:					
Hospital Name	Address	Contact Number(s)	Trauma Center	Burn Center	Helipad
Memorial Hermann Medical Center	6411 Fannin St Houston, TX 77030	(713) 704-4000	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Sugarland	17500 West Grand Parkway South, Sugarland, TX 77479	(281) 725-5000	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Houston North Cypress	21214 Northwest Fwy, Cypress, TX 77429	(832) 912-3500	<input checked="" type="checkbox"/> Yes Level: <u>4</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann at Northeast	18951 Memorial N, Humble, TX 77338	(281) 540- 7700	<input checked="" type="checkbox"/> Yes Level: <u>4</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Cypress Hospital	27800 Northwest Fwy, Cypress, TX 77433	(346) 231-4000	<input checked="" type="checkbox"/> Yes Level: <u>3</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Katy	23900 Katy Freeway, Katy TX 77494	(281) 644-7111	<input checked="" type="checkbox"/> Yes Level: <u>3</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
UTMB Health Angleton ER	132 E Hospital Dr, Angleton, TX 77515	(979) 848-9131	<input checked="" type="checkbox"/> Yes Level: <u> </u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Hospital Mainland	6801 Ennett F Lowry Expy, Texas City, TX 77591	(409) 938-5000	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Herman Emergency Center at Southeast Hospital	11800 Astoria, Houston, TX 77089	(281) 929-6100	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Houston Tomball	605 Holderrieth Blvd, Tomball, TX 77375	(281) 401-7500	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
St. Lukes Health Brazosport Hospital Lake Jackson	100 Medical Dr, Lake Jackson, Tx 77566	(979) 297-4411	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Houston Healthcare Pearland	11100 Shadow Creek Pkwy, Pearland, Tx 77584	(713)-770- 7000	<input checked="" type="checkbox"/> Yes Level: <u>4</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
UTMB Health Galveston	901 Harborside Dr, Galveston, Tx 77550	(409)-772-1191	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
HCA Houston Healthcare Kingwood	22999 Highway 59 N, Kingwood, Tx 77339	281-348-8000	<input checked="" type="checkbox"/> Yes Level: <u>2</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Elite Hospital Kingwood	23330 US Hwy 59 N, Kingwood, Tx 77339	832-299-3719	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



1. Incident Name: Hurricane Beryl	2. Operational Period:	Date to: 7/13/24 Time From: 6:00 AM	Date from: 07/13/24 Time To: 10:00 PM
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6. Medical Emergency Procedures:

Report any incidents per normal operating procedures. Contact RTO for Life Flight services.
Notify your local safety specialist if any assistance is needed.
They are available by cell phone.

Kevin Sheffield	Safety Coordinator	[REDACTED]
Ryan Friesz	Safety Coordinator	[REDACTED]
Skyler Thomson	Safety Coordinator	[REDACTED]
Tyler Bielski	Safety Coordinator	[REDACTED]
Ryan Rutherford	Safety Coordinator	[REDACTED]
Wayland Smith	Public Safety	[REDACTED]
Dustin Krantz	Public Safety	[REDACTED]
Brett Richardson	Public Safety	[REDACTED]

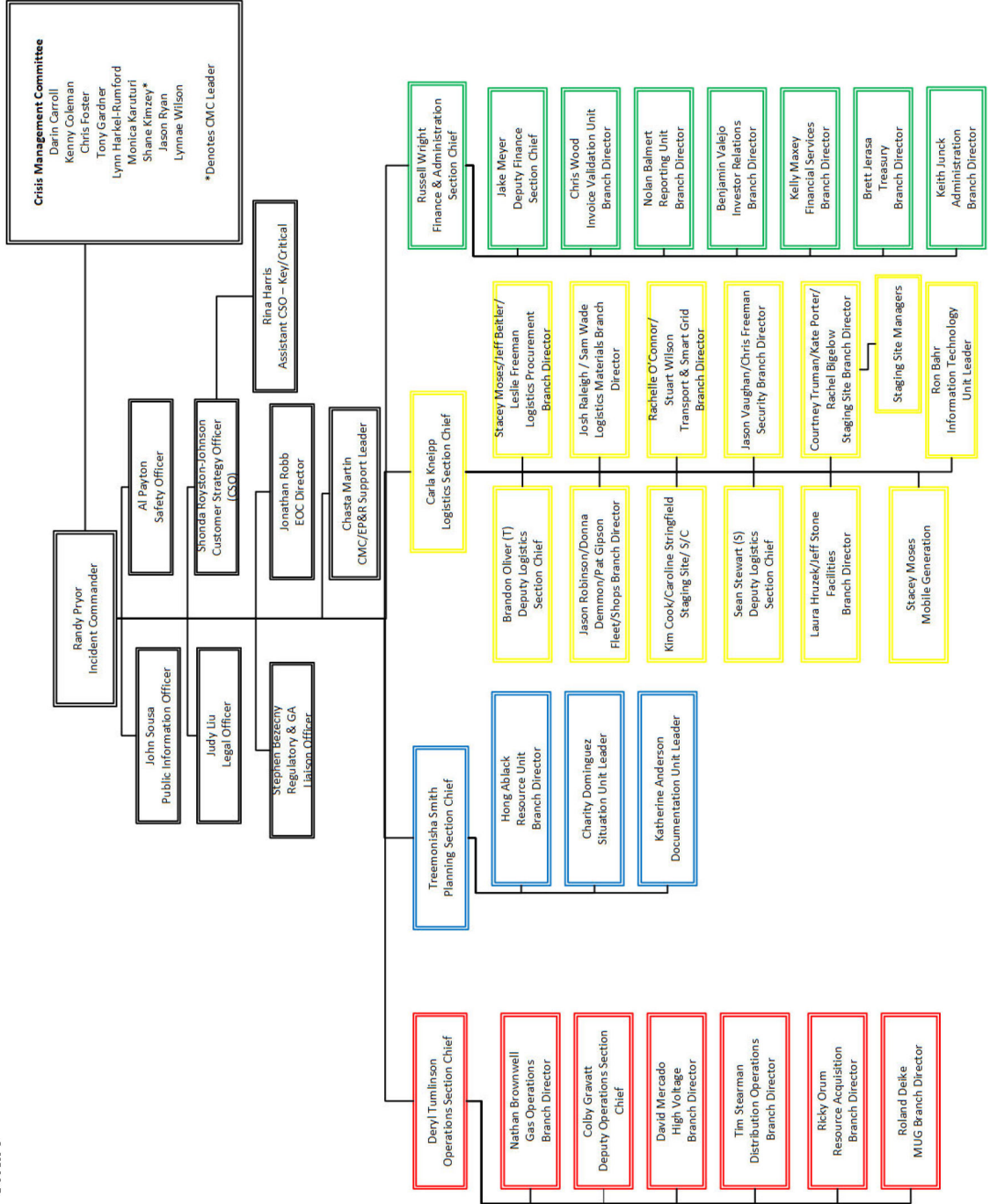
7. Prepared by	Name: Jon Nixon	ICS Title: Safety Administration Manager
8. Approved by (Safety Officer): Al Payton		
ICS 206-CNP IAP Page <u>8-9</u>		

ORGANIZATION CHART (ICS 207-CNP)

1. Incident Name:
Hurricane Beryl

2. Operational Period:
Date From: 7/13/2024
Date To: 7/13/2024
Time From: 6:00 AM
Time To: 10:00 PM

3. Organizational Chart





SAFETY MESSAGE/PLAN (ICS 208-CNP)

1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 07/13/24 Date To: 07/13/24 Time From: 06:00 AM Time To: 10:00 PM
3. Safety Message/Expanded Safety Message, Safety Plan, Site Safety Plan:	
GENERAL	
<ul style="list-style-type: none">• We are under a heat advisory, remember to stay hydrated and take breaks to cool down.• This has become a long duration event; this is not a race! Patience and effective communication is key to successful restoration efforts.• Be aware of the potential for backfeed.• Cutting corners is not worth your life!	
SAFE WORK PRACTICES	
<ul style="list-style-type: none">• Take your time and assess the hazards and develop appropriate measures to address those hazards.• Remember to remain aware of changing conditions. Work together to maintain situational awareness.• Stay away or out of damaged buildings or structures.• Address damage or debris hazards at your location that may impact you. (Damaged awnings, broken glass, broken signs, area lighting, downed utility lines, broken poles, and broken tree limbs)• Call before you dig- call 811 for emergency locates.	
TRAFFIC	
<ul style="list-style-type: none">• Be mindful of current road closures.• Be aware of traffic hazards such as unlit or uncontrolled intersections, high water, distracted drivers, vehicle collisions, etc. Monitor Transtar for updates.• Mark out work area protection zones clearly with traffic cones, signs and flaggers if necessary. Wear traffic vests.• On Tollways, be aware that large trucks will not fit through the regular lanes, use EZ Tag lanes.• Report all vehicle collisions. Obtain collision information and report immediately to your crew leader, FCC or coordinator.• If you have vehicle trouble and need assistance, you may call [REDACTED] to reach Fleet Services.	
FLOODING/HIGH WATER	
<ul style="list-style-type: none">• Avoid creek/river areas where flood waters will be moving faster.• Review routes for flooded roadways before leaving for destination.• Avoid high water areas when unsure of depth and safe travel.	
PPE	
<ul style="list-style-type: none">• Wear all appropriate PPE including long-sleeve FR apparel.	
ELECTRICAL WORK/ GROUNDING	
<ul style="list-style-type: none">• Test, tag and ground all de-energized conductors before working as dead. Work between grounds. Never assume anything is dead. There will be many generators and other energy sources and backfeed is always a hazard. Use orange or red flagging at ground locations for visual aid.• Reminder – we've got two ways to work; dead and grounded or energized with cover and gloves.• Grounding for tree crews is a "must" – Work with the tree crews to ground as necessary.• Remove high side jumpers after opening disconnects, especially when working on the same structure as the disconnect switch.• Report any unqualified or unapproved personnel (rogue line workers) working on CNP assets to Corporate Security.	



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 07/13/24 Date To: 07/13/24 Time From: 06:00 AM Time To: 10:00 PM
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ENVIRONMENTAL HAZARDS

- Leaking equipment- immediately report to your crew leader, FCC or coordinator with detailed addresses and spill size. See Environmental spill form.

OUTDOOR SAFETY/HEAT

- Be aware of insect and snake hazards, as well as poisonous plants.
- Take time to hydrate and take breaks in shaded areas or vehicles with A/C as needed. If you are not feeling well, communicate with your supervisor and co-workers.
- Stay hydrated. Drink plenty of fluids but don't overdo sports drinks. Maintain balance of electrolytes.
-
- Avoid drinking too much coffee/energy drinks in hot conditions as caffeine is a diuretic which means it can easily cause dehydration.
- Drink before feeling thirsty. By the time you feel thirsty, you are already dehydrated.
- When working in the heat, drink 1 cup (8 ounces) of water every 15–20 minutes.
- Drinking at shorter intervals is more effective than drinking large amounts.
- We need several hours to drink enough fluids to replace what we have lost during the day. The sooner you get started, the less strain you place on your body.

FIRST AID/INJURIES

- Report all injuries. Obtain relevant information and report immediately to your crew leader, FCC or coordinator.
- Refer to the Medical Plan for available emergency room locations.
- Contact Medical Case Management for assistance when necessary.
- Seek treatment while it is a minor issue to prevent it from becoming a major issue.

PHYSICAL SECURITY

- Remain aware of your surroundings.
- Allow crew spokespersons to interact with customers and members of the public.
- Communicate with empathy and respect. Try to deescalate where possible.
- Leave the area and call Corporate Security [REDACTED] or 911 if physically threatened.
- Personnel working after dark should not be working alone and have security escorts.

4. Prepared by: Name: <u>Marquerite Porsch</u> Position/Title: <u>Safety Administration</u> Signature: _____		
5. Approved by (Safety Officer): Al Payton		
ICS 208-CNP	IAP Page <u>11-12</u>	Date/Time: <u>07/11/24 7:40 AM</u>

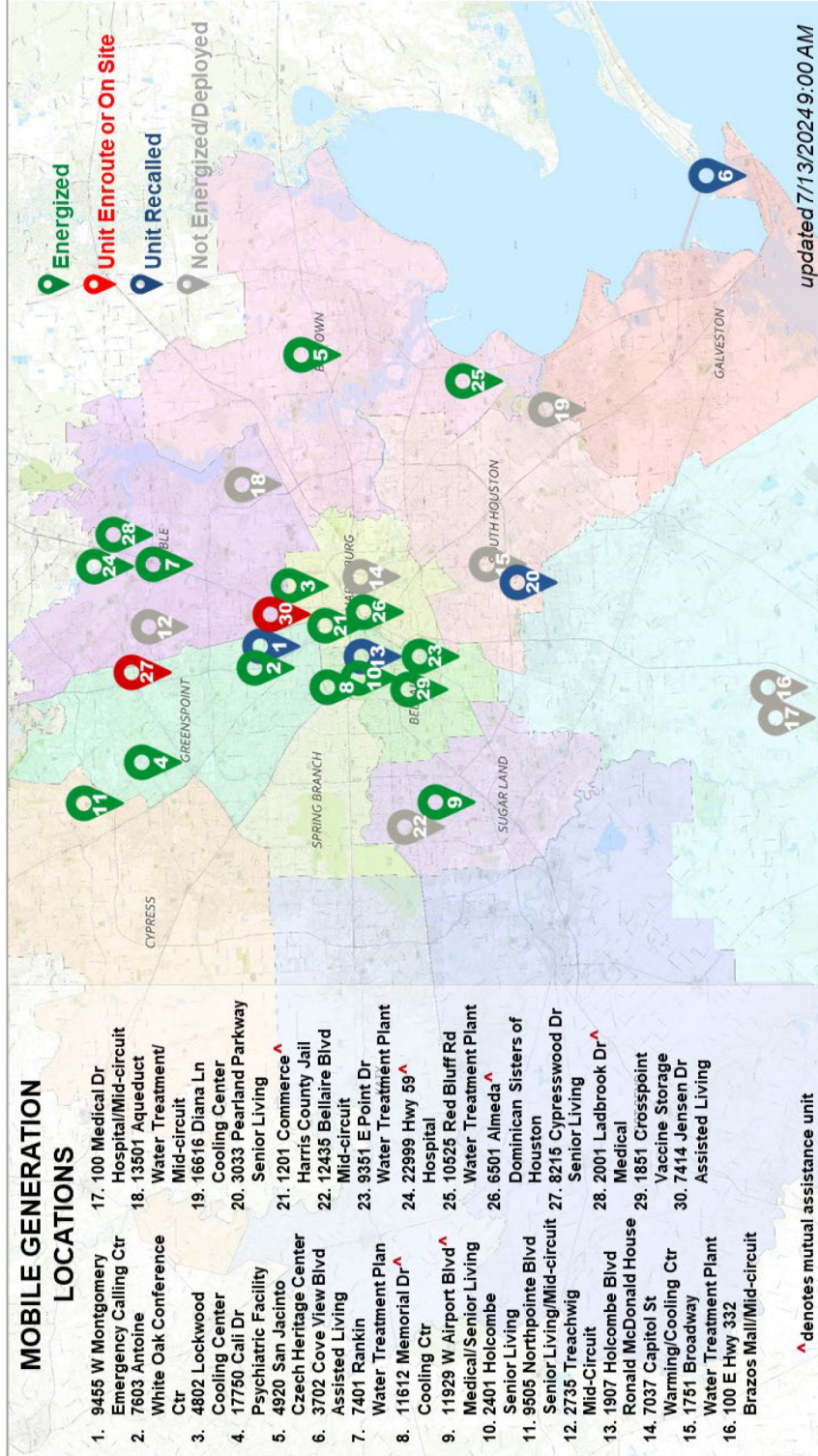


DAILY MEETING SCHEDULE ICS 230-CNP

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/13/2024 Date To: 7/13/2024 Time From: 6:00 AM Time To: 10:00 PM		
3. Meeting Schedule (Commonly held meetings are included)				
Time	Meeting	Purpose	Attendees	Location
8:00 AM	EOC Briefing	Provide an incident update and report any resource needs or outstanding issues.	<ul style="list-style-type: none"> • Command Staff • General Staff • Others as identified 	EOC and Virtual (MS Teams)
8:30 AM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
10:00 AM	Media, Gov't/Regulatory, Critical/Key Customer Communications Updates Sent	Check in on news releases, critical customer updates, mobile gen deployment	<ul style="list-style-type: none"> • PIO • Liaison Officer • Customer Communications 	
1:30 PM	EOC Objectives Check-in	Review and revise objectives	<ul style="list-style-type: none"> • Command Staff • General Staff 	EOC and Virtual (MS Teams)
2:00 PM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
5:00 PM	Media, Gov't/Regulatory, Critical/Key Customer Communications Updates Sent	Check in on news releases, critical customer updates, mobile gen deployment	<ul style="list-style-type: none"> • PIO • Liaison Officer • Customer Communications 	
6:00 PM	EOC Briefing	Provide an incident update and report any resource needs or outstanding issues.	<ul style="list-style-type: none"> • Command Staff • General Staff • Others as identified 	EOC and Virtual (MS Teams)
6:30 PM	Objectives and Strategy Development	Develop a unified EOC strategy to support on-scene operations.	<ul style="list-style-type: none"> • Command Staff • Section Chiefs 	
8:00 PM	CMC Update	Update the CMC on situation, objectives, and operational strategy	<ul style="list-style-type: none"> • EOC Director • Incident Commander • CMC Members 	
4. Prepared by:				
Name: <u>Treemonisha Smith</u> Position/Title: <u>Planning Section Chief</u> Signature: _____				
ICS 230-CNP		IAP Page 13	Date/Time: <u>07/10/2024 8:00 AM</u>	



Hurricane Beryl MOBILE GEN DEPLOYMENT



General Priority Level*	Category	Examples of Category
1	Hospital	100 Bed in-patient hospitals, Cancer Treatment, Level 1 Trauma Center
2	Emergency Services/ HAS	City/County Emergency Management, Police, Fire/Ambulatory Facilities, Critical Airport Facilities
3	Cooling Centers	Cooling Centers designated by local Cities
4	Senior/Assisted Living	Services support
5	Small ERs/Dialysis	Out-Patient Care Facilities, Dialysis Clinics, Small ER Centers
6	Clinics/Pharmacy	Urgent Care, Clinics, Commercial Pharmacies
7	Grocery Stores	Major Grocery Store Chains
8	Hardware Stores/Commercial	Commercial Facilities that support Logistics/ supply chain and community and individual relief and restoration efforts



**Hurricane Beryl
STAGING SITES LIST AND STATUS
7/12/24**

Priority	Staging Site Name	Status	Primary SS Manager	Ops Manager	HC Capacity	Actual (+50 internal not included)	Turnkey	Checked in as of 7/10/24 5:00pm*
1	Brazoria	Operational	Santos Calderon	Jason Grier	900	870	ITS	668
2	Ft Bend	Operational	Marcus Richardson	Kenny Greener	800	809	Cotton	830
3	Reed Rd	Operational	Jerry Cleveland	Nick White	900	878	ITS	956
4	Sam Houston	Operational	Steve Harrington	Allen Chelette	480	473	Cotton	517
5	Freedom Field	Operational	John Dodge	Dyron Walker	800	790	ITS	350
6	Galveston County	Operational	Richard Gaido	Scott Harbuck	400	364	Cotton	13
7	NRG Yellow	Operational	Leslie Cummings	Amy Kretschmar	1000	999	Cotton	112
8	Legacy/Rhodes Stadium	Operational	Jeremy Haase	Theron Cage	1100	1041	Cotton	300
9	Tomball ISD	Operational	Vic Cleveland	George Eason	600	613	ITS	12
10	AMC	Operational	Michael Traktenberg	Geno Guerro	600	607	Cotton	217
11	Humble Civic Center	Operational	John Price	Mike Davis	450	453	ITS	30
12	Lonestar College - Tomball	Operational	Derrick Jones	Ron Dugger	400	400	ITS	0
13	BASF	Operational	Clint Jones	Sean Cameron	800	856	DRG	472
14	Pearland ISD Stadium	Operational	Elyse Leblanc	Brian Medellin	400	398	Base	249
15	Manvel ISD Stadium	Operational	Munir Odhwani	Josh Swanson	450	450	Cotton	450



Priority	Staging Site Name	Status	Primary SS Manager	Ops Manager	HC Capacity	Actual (+50 internal not included)	Turnkey	Checked in as of 7/10/24 5:00pm*
16	Barnett ISD*	Operational	Jamie Herdocia	Devon Koeppen	400	500	Cotton	140
17	Moody	Operational	April Fabre	David White	500	500	CNP	
18	Rhodes Stadium	Operational	see row 8					
19	2920 Spring		Steven Burns	J Hobbs Tracy Pailhoda			Oncor	
20	George Turner Stadium (Humble)		Steve Rawlinson	M Sparacino			Quanta	
21	Berry Stadium*		Moved from Barnett					

Group A (blue) 7/8 9am – onboard ready 7/9 5am crew ready | Group B (salmon) 7/9 9pm crew ready | Group C (purple) 7/10 5am crew ready | Group D (gray) | *Barnett transitioned to a materials yard due to safety concerns; personnel resources and support moving to Berry Stadium.

Man Camp Name	Status	Capacity	Turnkey
MC1 Pasadena	Complete	2,016	ITS
MC2 Tomball ISD	Complete	1,176	ITS
MC3 Lake Jackson	Complete	1,672	Cotton
MC4 Freedom Field	Complete	1,008	ITS
Total		5,872	

Total Staging Site Need	10,800
Total Available Capacity	10,980
Total Remaining Need	200



CenterPoint Energy
Emergency Operations Center

Incident Action Plan (IAP)

Hurricane Beryl

Operations Period:
07/14/2024 6:00 AM – 07/14/2024 10:00 PM

Prepared By:
Treemonisha Smith, Planning Section Chief

Approved By:



Randy Pryor, Incident Commander

7/14/24 2:53 PM
Date/Time



INCIDENT OBJECTIVES AND SITUATION UPDATE (ICS 202-CNP)

1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/14/2024 Date To: 7/14/2024 Time From: 6:00 AM Time To: 10:00 PM
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3. Situation Summary: Describe the event, the affected portion(s) of the territory, the number of customers without power, impacted circuits, substations and other facilities and other factors critical to the event

Hurricane Beryl made landfall in Matagorda early Monday morning, July 8, as a Category 1 hurricane, producing strong winds as high as 97 mph and causing significant property damage, tree damage, and downed power lines. Texas Gas peaked at 1,200 emergency orders. Texas Gas has resumed normal operations and transitioned to supporting electric restorations. CenterPoint Houston Electric outages peaked at 2.265 million customers.

Forecast for Sunday, July 14

Isolated showers, then scattered showers and thunderstorms after 10am. Partly sunny, with a high near 93. Heat index values as high as 106. Calm wind becoming south around 5 mph in the afternoon. Chance of precipitation is 40%.

CEHE Impact Numbers as of 7/14/2024 | 8:10 a.m.

Customers	Circuits	Fuses	Transformers	Locals
461,571	329	3,506	3,479	5,671

4. Mission Objectives:

- Restore 85% of hurricane-related outages by EOD Sunday.(Electric Ops) – *On Track*
- Identify and deploy mobile generation to 10 sites and 1 mid span daily. (Electric Ops)-*16 energized*
- Monitor published ETRs for accuracy daily (Electric Ops). *On Track*
- Disseminate updated outage data, resource counts, ETR policy, and impacted areas to our external partners every four hours. (JIC)-*Continuous*
- Disseminate daily core messages internally to align external communications. (JIC)-*Continuous*

4a. Mission Supporting Objectives

- Deploy all remaining crews arriving. (Electric Ops)
- Deploy 5MW units for mid-span within 24 hours (pick up larger #s of residential and customer mix based on extensive damage to portions of a circuit) (Electric Ops) – See Mobile Gen Map attached
- Deploy smaller units per priority table within 24 hours [anticipated to be used primarily cooling centers (33 of 47 identified ones appear viable) and then groceries with pharmacy, gas, and grocery (hospitals and others generally have backup, and schools are out]. (Electric Ops) – See Mobile Gen Map attached
- Deploy mobile generation based on customer prioritization index as additional units become available. (Electric Ops) – See Mobile Gen Map and priority table attached
- Secure mobile generation assets in CEHE footprint and support deployment of units as needed with delivery, fueling, fencing based on prioritization noted. (Logistics) -*Continuous*
- Continue to evaluate needs for additional staging sites and secure additional staging sites as needed to provide flexibility and scalability throughout the response. (Logistics)- *Continuous*

7. Prepared by: Treemonisha Smith **Position/Title:** Planning Section Chief



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/14/2024 Date To: 7/14/2024 Time From: 6:00 AM Time To: 10:00 PM
4a. Mission Supporting Objectives (continued) <ul style="list-style-type: none"> • Throughout the response, secure hotels/man camps and bussing to support external mutual assistance and vegetation management crews, as well as internal personnel. (Logistics)- <i>Continuous</i> • Secure additional resources as needed to address potential internal gaps detailed by operational support teams. (Logistics)- <i>Continuous</i> • Refine strategy and narrative with key issues and sentiment metrics driving the approach each morning at 8:00 AM. (Comms) -<i>Continuous</i> • Create and send out two news releases each day by one in the morning and one in the evening. (Joint Comms) -<i>Continuous</i> • Send at least two informational updates to employees during the activation. (Internal Comms) - <i>Continuous</i> • Maintain and monitor all social media channels and create at least 10 posts daily with an emphasis on “in the field” visuals damages and CNP’s restoration work including Mobile Gen. (Joint Comms) - <i>Continuous</i> • Conduct 5-8 media interviews daily, with the potential for higher numbers based upon demand. (Joint Comms) -<i>Continuous</i> • Proactively deploy a media briefing approach at key times during the response to enhance efficiency and effectiveness of media outreach. (Joint Comms) -<i>Continuous</i> • Identify and meet ongoing needs of section leaders and their teams, including Utility Marketing’s support for Customer Experience’s efforts (e.g., produce daily service center outage update). (Joint Comms) - <i>Continuous</i> • Mobilize enhanced security resources due to increasing threats/acts of violence directed at company and mutual assistance personnel. – <i>Continuous</i> 	
7. Prepared by: Treemonisha Smith Position/Title: Planning Section Chief	
ICS 202-CNP, Page 2	



1. Incident Name: Hurricane Beryl	2. Operational Period: Date From: 7/14/2024 Date To: 7/14/2024 Time From: 6:00 AM Time To: 10:00 PM																																																
5. Key Account Outages Numbers as of July 14, 2024 7:30AM																																																	
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7. Prepared by: Treemonisha Smith Position/Title: Planning Section Chief																																																	
ICS 202-CNP, Page 3																																																	



DISTRIBUTION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/14/24 Date To: 7/14/24 Time From: 06:00 AM Time To: 10:00 PM		3. Branch: Distribution
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u>			Division:	
Operations Section Chief: <u>Deryl Tumlinson</u>		[REDACTED]		
Branch Director: <u>Tim Stearman</u>		[REDACTED]		
Division/Group Supervisor: <u>Darrell Ward</u>		[REDACTED]		
5. Resources Assigned:				Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	
DDOC Planning Sec Chief	Erik Swiney	1	[REDACTED]	DDOC
Ops Supervisors	Israel Garza		[REDACTED]	DDOC
	Jason Beard		[REDACTED]	DDOC
6. Work Assignments:				
<ul style="list-style-type: none"> Most CNP Operations leadership and linemen continue managing and supporting the roughly 10,600 foreign line skills and 2,670 tree trimmers that are operating out of the 21 staging sites that have been established across our footprint. 				
7. Special Instructions:				
8. Communications (radio and/or phone contact numbers needed for this assignment):				
<u>Name/Function</u>		<u>Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</u>		
/				
/				
/				
/				
9. Prepared by: Name: <u>Erik Swiney</u> Position/Title: <u>SAM CYP</u> Signature: _____				
ICS 204	IAP Page <u>4</u>	Date/Time: <u>7/13/24 5:03 PM</u>		



HIGH VOLTAGE-TRANSMISSION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/14/24 Date To: 7/14/24 Time From: 6:00 AM Time To: 10:00 PM		3. Branch: High Voltage		
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u>			Division:			
Operations Section Chief: <u>Deryl Tumlinson</u> [REDACTED]		Branch Director: <u>Matthew Cox</u> [REDACTED]			Division/Group Supervisor: <u>Matthew Bell</u> [REDACTED]	
5. Resources Assigned:		# of Persons			Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader					
Transmission Staff	Matthew Bell	72	[REDACTED]	Transmission Line damage assessment, restoration, and logistics personnel. SOH S/C		
Transmission Contractors & Internal Transmission Crews	Matthew Bell	330	[REDACTED]	209 Internal/Contract Transmission Crews assigned to assist Distribution with restoration		
Crew Spokesperson	Matthew Bell	9	[REDACTED]	Crew Spokesperson		
6. Work Assignments:						
Transmission crews have currently restored all Transmission Line Outages. Further Helicopter assessments will begin 7/15 tentatively. Crews have continued repairs to lines that were damaged but still energized (Operations). The updated information on remaining restoration efforts can be found below. 209 Transmission crews (Contract Crews included) assigned to assist Distribution Operations with restoration efforts, 121 will continue repairs to Transmission damage.						
138	LN82 KR-WAP	Debris damaged tower, bent steel Str# 18956. Cleared, minor damage discovered that will require mod steel. WO created, drawings complete by 7/11/24 afternoon. Steel delivery date 7/19. WFMS updated, WO uploaded. ETR 7/22/24				
138	LN09 ZEN-FZ	Broken fiber between strs 31478-31471. Inspecting 7/13/24. Outages requested for 7/15/24 - 7/16/24				
138	LN94 MTL-MTS	Broken pole at str # 17555. Doing an outage 7/13/24 for repair ETR 7/14/24				
	Various	FAA Obstruction Lights: 36 repaired, 71 failures ETR 7/16/24				
7. Special Instructions:						
9. Prepared by: Name: <u>Dante Jackson</u>		Position/Title: <u>Transmission Policy Consultant</u> Signature: _____				
ICS 204	IAP Page <u>5</u>	Date/Time: <u>07/14/24 7:00am</u>				



HIGH VOLTAGE-SUBSTATION ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/14/24 Date To: 7/14/24 Time From: 6:00 AM Time To: 10:00 PM		3. Branch: High Voltage	
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u> Operations Section Chief: <u>Deryl Tumlinson</u> [REDACTED] Branch Director: <u>Gary Chapa</u> Division/Group Supervisor: <u>Wes Paxton</u>			Division:		
5. Resources Assigned:		# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information	
Resource Identifier	Leader			Information	
In-house BU SSO staff	Wes Paxton	253	[REDACTED]	Normal assigned work locations	
6. Work Assignments: Information is based on assessments completed to date.					
<ul style="list-style-type: none"> Perform switching to restore transmission. Ongoing. Address distribution breaker issues identified during the circuit restoration process. Ongoing. Will continue addressing the outstanding substation equipment and facility issues identified during the assessments. Resolve outstanding station equipment alarms. Continue to evaluate Galveston Island and coastal areas for corona contamination. Substation has committed to assist Distribution restoration efforts, focusing on temporary disconnects. 					
ETRs for breakers currently identified for replacement:					
12kV	Garrot - 7F0 (ETR pending distribution outage capability)	35kV	Mason Rd. - 17A0 (ETR pending distribution outage capability)		
			Southwyck - 9A0 (7/18/2024)		
7. Special Instructions: N/A					
8. Communications (radio and/or phone contact numbers needed for this assignment): <u>Name/Function</u> <u>Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</u> _____/_____ _____/_____					
9. Prepared by: Name: <u>Brad Harris</u> Position/Title: _____ Signature: _____					
ICS 204	IAP Page <u>6</u>	Date/Time: <u>07/13/24 4:00pm</u>			



MAJOR UNDERGROUND ASSIGNMENT LIST (ICS 204-CNP)

1. Incident Name: Hurricane Beryl		2. Operational Period: Date From: 7/14/24 Date To: 7/14/24 Time From: 6:00 AM Time To: 10:00 PM		3. Branch: Major Underground
4. Operations Personnel: <u>Name</u> <u>Contact Number(s)</u>			Division:	
Operations Section Chief: <u>Deryl Tumlinson</u>		[REDACTED]		
Branch Director: <u>Roland Deike</u>		[REDACTED]		
Division/Group Supervisor: <u>Ryan Abshier</u>		[REDACTED]		
5. Resources Assigned:				Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	
MUG Relay	Josh Hajdik	40	C: [REDACTED]	Harrisburg
MUG Cable	Aaron Minervine	46	C: [REDACTED]	Harrisburg
MUG Mobile GEN	Mike Haney	45	C: [REDACTED]	Harrisburg
MUG Contractor	Daniel Benard	10	C: [REDACTED]	Harrisburg
6. Work Assignments:				
<ul style="list-style-type: none"> Prioritize critical customer outage events. Support Mobile Gen installations and decommissions. Assessing and restoring all type 3 (Underground) outages Continue assisting OH Distribution with type 1 (OH, specifically lateral fuses) and type 2 (URD) outage events 				
7. Special Instructions:				
Prioritize and address underground circuit issues and critical customer outages as they arise. Move more crews to type 1 and type 2 orders as type 3 order numbers reduce. 8 Oncor crews (32 skilled resources) onsite for mobile gen installations with their generators				
8. Communications (radio and/or phone contact numbers needed for this assignment):				
<u>Name/Function</u>		<u>Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</u>		
Roland Deike		[REDACTED]		
Ryan Abshier		[REDACTED]		
Aaron Minervine		[REDACTED]		
9. Prepared by: Name: <u>Roland Deike</u> Position/Title: <u>Director, MUG Operations</u> Signature: _____				
ICS 204	IAP Page <u>7</u>	Date/Time: <u>7/12/24 2:45 PM</u>		



MEDICAL PLAN (ICS 206-CNP)

1. Incident Name: Hurricane Beryl	2. Operational Period: Date to: 7/14/24 Time From: 6:00 AM	Date from: 07/14/24 Time To: 10:00 PM			
3. Medical Aid Stations:					
Name	Location	Contact Number(s)	Paramedics on Site?		
AMR Houston	NRG	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Reed Rd	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Brazoria County Fairgrounds	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
AMR Houston	Sam Houston Raceway Park	832-995-6288	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
5. Hospitals:					
Hospital Name	Address	Contact Number(s)	Trauma Center	Burn Center	Helipad
Memorial Hermann Medical Center	6411 Fannin St Houston, TX 77030	(713) 704-4000	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Sugarland	17500 West Grand Parkway South, Sugarland, TX 77479	(281) 725-5000	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Houston North Cypress	21214 Northwest Fwy, Cypress, TX 77429	(832) 912-3500	<input checked="" type="checkbox"/> Yes Level: <u>4</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann at Northeast	18951 Memorial N, Humble, TX 77338	(281) 540- 7700	<input checked="" type="checkbox"/> Yes Level: <u>4</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Cypress Hospital	27800 Northwest Fwy, Cypress, TX 77433	(346) 231-4000	<input checked="" type="checkbox"/> Yes Level: <u>3</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Hermann Katy	23900 Katy Freeway, Katy TX 77494	(281) 644-7111	<input checked="" type="checkbox"/> Yes Level: <u>3</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
UTMB Health Angleton ER	132 E Hospital Dr, Angleton, TX 77515	(979) 848-9131	<input checked="" type="checkbox"/> Yes Level: <u> </u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Hospital Mainland	6801 Ennett F Lowry Expy, Texas City, TX 77591	(409) 938-5000	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Memorial Herman Emergency Center at Southeast Hospital	11800 Astoria, Houston, TX 77089	(281) 929-6100	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Houston Tomball	605 Holderrieth Blvd, Tomball, TX 77375	(281) 401-7500	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
St. Lukes Health Brazosport Hospital Lake Jackson	100 Medical Dr, Lake Jackson, Tx 77566	(979) 297-4411	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCA Houston Healthcare Pearland	11100 Shadow Creek Pkwy, Pearland, Tx 77584	(713)-770- 7000	<input checked="" type="checkbox"/> Yes Level: <u>4</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
UTMB Health Galveston	901 Harborside Dr, Galveston, Tx 77550	(409)-772-1191	<input checked="" type="checkbox"/> Yes Level: <u>1</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
HCA Houston Healthcare Kingwood	22999 Highway 59 N, Kingwood, Tx 77339	281-348-8000	<input checked="" type="checkbox"/> Yes Level: <u>2</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Elite Hospital Kingwood	23330 US Hwy 59 N, Kingwood, Tx 77339	832-299-3719	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No