

The Deer Park LEPC is a cooperative partnership between community, government, emergency response agencies, businesses, and industry striving to promote and maintain public health and safety by preparing for hazardous materials-related incidents as part of a comprehensive community program. Our goal is to protect citizens and the environment by providing hazard awareness education, training exercises, emergency response plans and an emergency notification system.

DEER PARK LOCAL EMERGENCY PLANNING COMMITTEE

AGENDA

OF

A MEETING OF THE DEER PARK LOCAL EMERGENCY PLANNING COMMITTEE TO BE HELD AT THE DEER PARK EDUCATION SUPPORT CENTER, 2800 TEXAS AVENUE, MONARCH ROOM A & B, MARCH 27, 2018 BEGINNING AT 11:00 A.M. TO DISCUSS THE FOLLOWING BUSINESS:

Introductions

Company Overview — Hexion (Todd Draper)

Presentation - CenterPoint Energy Emergency Response (Kevin Hare)

Public Comments on LEPC Mission/Function (3 minute time limit)

Minutes – February 2018

Financial Report – February 2018

Committee Reports

Executive Committee

Communications

Review any and all Level 2 and Level 3 incidents

Community Awareness

Volunteer Opportunities – 2018

“Wally says...” Art Contest

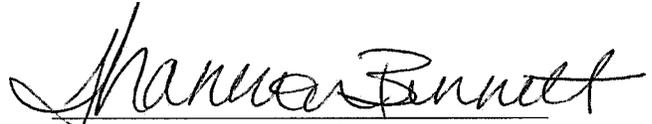
2019 Calendar

Emergency Response/Transportation

2018 Drill

New Business

Meeting Schedule 2018 –Apr. 24, May 22, June 26, Aug. 28, Sept. 25, Oct. 23, Nov. 27

A handwritten signature in black ink, reading "Shannon Bennett". The signature is written in a cursive style with a horizontal line underneath the name.

Shannon Bennett, TRMC
Deer Park LEPC Secretary/Treasurer

Posted March 23, 2018

TO: Deer Park LEPC

14-04

SUBJECT: Minutes March 27, 2018

CALL TO ORDER

Secretary/Treasurer Shannon Bennett called the meeting to order at 11:00 a.m.

INTRODUCTIONS

Self-introductions were given by Jack Ostermaier with Horizon Environmental and Jeff Parsons with Harris County, Precinct 2 and Noah Hunter with CenterPoint Energy.

PRESENTATION

Company Overview – None Given

Presentation – Kevin Hare with CenterPoint Energy gave a powerpoint presentation of CenterPoint's Emergency Operating Plan used during storms, including hurricanes. He covered various topics, such as preparing for an approaching hurricane and its' aftermath. The plan included a timeline as to how far in advance of the storm that preparation begins. Plans for crews, such as damage assessment, line crews and tree crews are made to be brought in from other locations. First priority circuits (police departments, emergency personnel, water treatment plants, etc.) are our main focus, then we work our way down to residents. Communicating the outages and restoration to the public can be obtained by signing up for CenterPoint's Power Alert. Residents no longer have to report their power outage due to the new Smart Meters. Information on portable generators was also provided. (Exhibits A1-A9)

PUBLIC COMMENTS ON LEPC MISSION/FUNCTION (3 MINUTE TIME LIMIT)

There were no comments.

MINUTES

Motion was made by Ray Cook and seconded by Kevin Rodgers to accept the minutes for February 27, 2018. Motion carried unanimously.

FINANCIAL REPORT

Motion was made by Norma Hysler and seconded by George Tullgren to accept the financial reports for February 27, 2018. Motion carried unanimously.

COMMITTEE REPORTS

Executive Committee, Shannon Bennett reported in Jay Stokes absence – “We have been approved for our 501C3 status which we received yesterday. Our next step is to apply for our state sales tax exemption. That will be placed into today's mail.”

Communications Subcommittee, Shannon Bennett reported for Robert Hemminger: Ms. Bennett asked for reports on Level II or Level III incidents.

Review of Level 2 and Level 3 Incidents – Ray Cook of Dow Deer Park reported on a Level 2 during the previous week. “We had an area of our plant that lost power due to a local power outage, we lost control of one of our process units. Basically, we put in a Level 2 in case anything should happen as we were shutting down. It was a proactive Level 2. It was about four and one-half hours to bring everything under control. There were no injuries and we’re in good shape.”

Community Awareness Subcommittee, Christina Perez reported: Ms. Perez advised that the sign-up sheet is available for volunteer opportunities through the end of the year. “The Fun Run will be coming up the end of April, then Salute to Education in August. In October, we will be at three events. We will be sending out information on our Art Contest which is ‘Wally Says’ regarding shelter in place ideas for school age children which winners will be sponsored in our 2019 calendar.”

Emergency Response/Transportation Subcommittee, Ray Cook reported: “It was reported at the last Executive Committee meeting that we have picked the date for the drill which is October 30th. We are partnering with Southeast Regional LEPC, La Porte LEPC, North Channel LEPC, Harris County as to what are the needs and objectives for those individual areas to date. We have received a reply from Deer Park’s Robert Hemminger on some of the needs they would like to look at. One a nursing facility they would like to test, the City’s reaction to it and from the group here, if you have needs you would like us to look at, reach out to Mark Turvey or myself.”

NEW BUSINESS

None given.

ANNOUNCEMENTS

Courtney Guy with Horizon Environmental announced an invitation to a Crawfish Boil and Open House on Thursday, April 19th at 3 p.m. Fliers were made available to all who were interested.

Rick Deel of EHCMA announced the hurricane workshop that is planned for May 2, 2018 at the Pasadena Convention Center from 8 -11:30 a.m. The National Weather Service will be there and Judge Emmett will be the keynote speaker. It is free and a flier will be going out to all LEPC’s. This workshop is geared to industry versus those LEPC’s that are having a Hurricane Awareness Workshop for residents.

Announcement was made for Witt O’Brien’s Annual Compliance Workshop on Thursday, April 12th, 2018.

NEXT MEETING

Deer Park Independent School District will host the meeting on April 24, 2018.

Meeting adjourned at 11:35 a.m.

ATTEST:


Shannon Bennett, TRMC
Secretary/Treasurer

APPROVED:


James Stokes
Chairman

Emergency Operating Plan



Where's There?

About CenterPoint Energy



- CenterPoint Energy is responsible for restoring service no matter from which company you buy electricity
- We are the only company that can restore service during power outages; our trained crews will work day and night to get you up and running after a storm
- We are preparing for outages before they happen by investing in technology to more quickly and accurately pinpoint problems

However, there are a few things you and your constituents can do before and after a hurricane.

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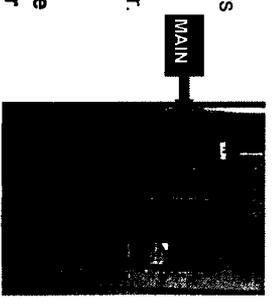
How can you prepare for an approaching hurricane and its aftermath?



Pre-storm: Electric service tips



- Unplug sensitive electrical appliances, such as computers and TVs.
- If you expect flooding, turn off electricity at the circuit breaker.
- If someone depends on electricity for life-sustaining equipment, you need to make alternative arrangements for them in advance.



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Pre-storm: Natural gas service tips



- Do NOT turn off natural gas at the meter. Proper pressure in home/business gas piping must be maintained to prevent water from entering the lines if flooding occurs.
- If you choose to discontinue natural gas service - turn off gas at each appliance.



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Initial Determination of Resources Needed



- As the storm approaches, we obtain and evaluate predictive weather data
 - Track of the Storm
 - Expected Wind Speeds and Wind Gusts
 - Expected Rainfall Amount
- Based on damage predicting algorithms and historical data, we make an initial determination of the number of resources that will be required to repair the damage and restore power to the distribution system

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Restoration Resources - Mutual Assistance with other Utilities



- Mutual Assistance is a nation-wide program of electric utilities willing to safely support other electric utilities during major event on an at cost basis.
- Groups of Utilities have organized by Regions and have formed Regional Mutual Assistance Groups (RMAGs)
 - Utilities voluntarily help each other restore electric service after major events, such as ice storms, hurricanes, tornadoes, or floods.
 - They provide a rapid, scalable and effective response of labor and equipment



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Acquire Line and Tree Resources



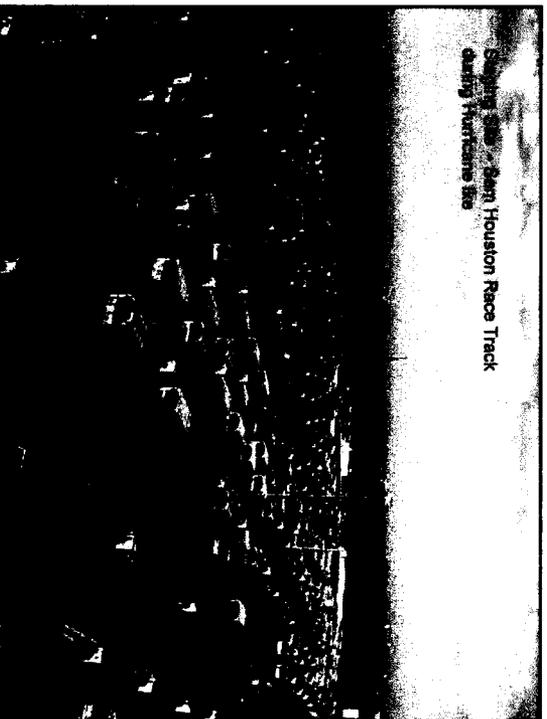
- From Regional Mutual Assistance Groups (RMAGs)
 - Line Resources
 - ◆ CNP belongs to three RMAGs
 - Southeastern Electric Exchange, Texas & Midwest
 - ◆ These RMAGs provide access to 5,000+ line resources
 - From Contractors
 - Line Resources
 - ◆ Experience and relationship with 70+ line contractors
 - ◆ Provides access to 9,000+ line resources
 - Tree Resources
 - ◆ Experience and relationship with 20 tree clearance contractors
 - ◆ Provides access to 6,000+ tree resources
 - Damage Assessment
 - Other Resources as needed

Service Area Operations & Staging Sites



- We have secured at least one primary and one secondary staging site for each of CNP's 12 Service Centers
- Additional primary Staging Sites have been acquired for some of our Service Centers with large territories
- After a storm, we will open and operate staging sites in every Service Center that has significant damage
- Logistics personnel manage the Staging Sites
- Electric Operations manage power restoration efforts out of the Staging Sites

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We follow a Structured Restoration Strategy



- Start with the Highest Priority Circuits
- Cut and clear areas of damage for each circuit
- The cut and clear process, when completed, allows us to energize undamaged portions of the circuit; thereby restoring power to a significant number of customers
- We are simultaneously assessing and documenting damage on each circuit
- Damage Assessment documentation is used to create a work plan for each circuit
- Operation Managers will utilize work plans to:
 - Plan and assign work to line crews at the staging sites
 - Optimize Resource Levels
 - Determine additional material needs
 - Estimate Restoration Dates for each circuit

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Communication Plan



- In the event of any Electric Supply Emergency we provide prompt notification and continuous appraisal to:
 - Public Utility Commission of Texas
 - ERCOT
 - Department of Energy
 - REPs
 - Appropriate local utilities
- Local Government officials are kept apprised of restoration status by the Director of the Service Area they are in
- Government liaison personnel are appointed to the offices of emergency management at the State of Texas, Harris County, Galveston County, Brazoria County, Montgomery County and the City of Houston
- We maintain a 24-hour telephone operation service

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How will CenterPoint Energy messages and restoration the public?

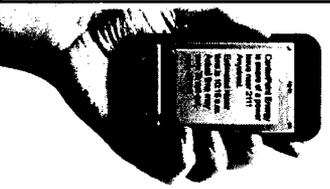


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Power Alert Service

- Power-Off / Power-Restored Notifications
- Mass messaging by service area for pre-storm alerts
- Will be used for individual outages late in restoration process



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Power Alert Service

HOW DO I REGISTER?

If you are a first responder and would like to register for Power Alert Service notifications, please visit <http://CenterPointElectric.com/PowerAlertService>

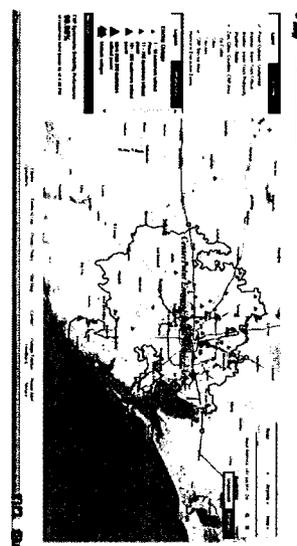
To inquire about registering for Power Alert Service notifications for your business, please send all inquiries to PowerAlertService@CenterPointEnergy.com

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Outage Tracker can be used today

- CenterPoint Energy's online Customer Outage Tracker displays current outage locations and estimated time to restore power
- <http://CenterPointEnergy.com/OutageTracker>



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Additional communication tools

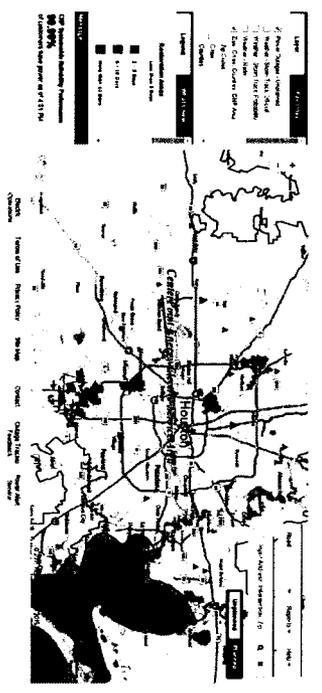
In the event of a severe weather emergency such as a hurricane, CenterPoint Energy will use Twitter and Facebook to communicate

- <http://twitter.com/CNPalerts>
- [Facebook.com/CenterPointEnergy](https://www.facebook.com/CenterPointEnergy)



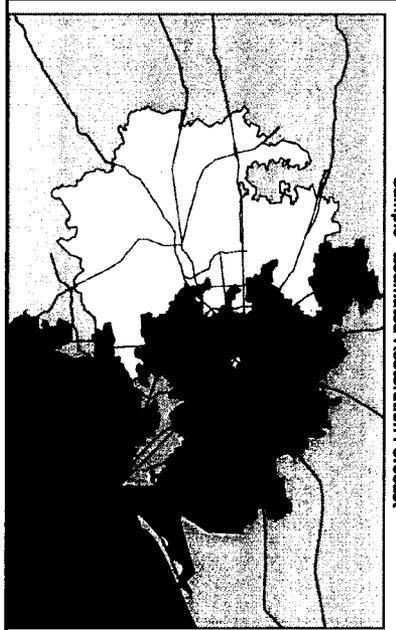
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Communications: Initial outage illustration



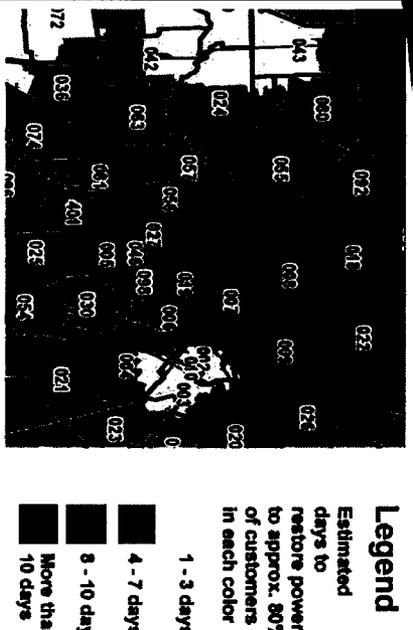
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Phase I (Day 3 thru 7): Restoration by substation



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Phase I (Day 3 thru 7): Example restoration forecast by substation w/zip code overlay



Post-storm: Electric safety tips



- **DO** call us to report a downed power line or other electric emergencies

- Always stay away from power lines!



- Stay away from standing water; energized power lines could be submerged



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Post-storm: Electric safety tips



- If your power is out but your electrical system has not been harmed, make sure your circuit breaker is in the "on" position. Leave your air-conditioner and sensitive electrical appliances off until your power is restored.
- If water has risen above the electrical outlets, contact a licensed electrician before turning on the main circuit breaker.
- Any appliances or electronic equipment that have been submerged will need to dry thoroughly for at least one week and be checked by a qualified repair person prior to being turned on.
- If the outside unit of an air-conditioning system has been under water, mud and water may have accumulated in the controls. Have the unit checked by a qualified air-conditioning technician.

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Post-storm: Treat all downed lines as if they are energized



- How to identify power lines versus telephone/cable TV lines
 - Report downed power lines, but recognize that telephone and/or cable TV lines may be down too
 - Telephone and cable TV lines are usually below the electric transformers
 - Electric power lines are always at the top of the utility pole (above transformers)

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Post-storm: Portable generator tips



- Do **NOT** connect portable generators directly to a building's wiring without a licensed electrician first disconnecting the house wiring from CenterPoint Energy's service.
- **NEVER** run a portable generator indoors or in a garage - place it in a well ventilated area. Generators can produce carbon monoxide, and the odorless fumes can be deadly.

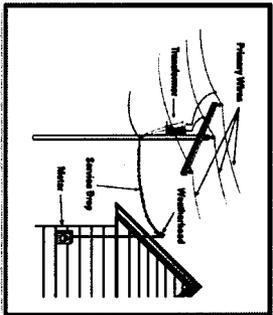


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Post-storm: Electric weatherhead tips



- Check your home's weatherhead.
- Any weatherhead problems will need to be repaired by an electrician prior to service being restored.



Post-storm: Natural gas safety tips

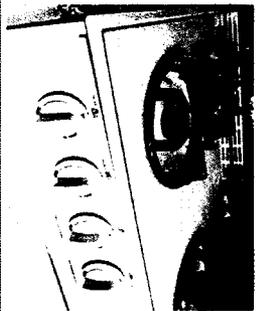


- If your home was flooded, call a licensed plumber or a gas appliance technician to inspect your appliances and gas piping to make sure it is in good operating condition before calling CenterPoint Energy to reconnect service.
- Don't forget to check outdoor appliances, such as pool heaters and gas grills.
- Call 811 to locate utility lines prior to digging on your property while conducting clean-up.

Post-storm: Natural gas safety tips



- If you smell gas, leave the area immediately and then call us.
- Do not turn the lights on or off, smoke, strike a match, use a cell phone or operate anything that might cause a spark.
- Do not attempt to turn natural gas on or off.



Post-storm: Natural gas safety tips



CenterPointEnergy.com/stormcenter





Questions/Comments

Emergency Operating Plan



Always On™