ERCOT 2012 Drill

**Script (ERCOT Version)**

**The beginning of each hotline call shall begin as follows:**

“ERCOT is conducting a drill. All of the following instructions are for simulation and test purposes only. No real-time action is to be taken.”

***(5 days prior to landfall)***

**0800/OPERATING CONDITION NOTICE**

***(0800 Drill Time May 22nd)***

The T/S Desk makes a Hotline call to Transmission Operators

Script: “ERCOT is conducting a drill. All of the following instructions are for simulation and test purposes only. No real-time action is to be taken.

This is the ERCOT System Operator. ERCOT is issuing an OCN. The National Hurricane Center is predicting “Hurricane May” has a 20% chance of landfall on the Texas coast. Currently, “Hurricane May” is a Category 4 hurricane.

***TOs are instructed to:***

* Review Planned and existing transmission outages to be withdrawn and/or restored.
* Review emergency operating procedures, evacuation plans, and the possible need to staff backup facilities.

“This is a drill.”

The Real Time Desk makes a Hotline call to QSEs

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***QSEs are instructed to:***

* Review fuel supplies and notify ERCOT of any known or anticipated fuel restrictions.
* Review Planned Resource outages and consider delaying maintenance.
* Review emergency operating procedures and notify ERCOT of any changes or conditions that could affect System Reliability.

“This is a drill.”

**0900/COMMUNICATION TESTING**

**(*0900 Drill Time May 22nd)***

**0900: Test all communications systems between participating entities; this includes telephones, satellite phones, faxes, radios, internet communications, backup control centers, hotlines, and etc.**

**ERCOT will test the SSRG Hotline and initiate a Hotline Test Call. Call will be made at 09:30 SSRG roll-call at 09:40**

***(3 Days Prior to Landfall)***

**1030/ADVISORY**

**(*1030 Drill Time May 22nd)***

The T/S Desk makes a Hotline call to Transmission Operators.

Script: “ERCOT is conducting a drill. All of the following instructions are for simulation and test purposes only. No real-time action is to be taken.

“This is the ERCOT System Operator. ERCOT is issuing an Advisory. The National Hurricane Center has issued an updated landfall projection for “Hurricane May”.

Hurricane May is a minimal Category 5 hurricane with winds measured at 156 mph. Hurricane models have shifted landfall probabilities to the Mid-Texas coastline. A Hurricane Watch has been issued for the Texas coast from Brownsville to Port Arthur. Predictions indicate a 10% probability of landfall within the next 72 hours at Freeport, a 20% probability at Port Lavaca and a 10% probability at Corpus Christi.”

***TOs are instructed to:***

* Review planned and existing transmission outages to be withdrawn and/or restored.
* Review emergency operating procedures, evacuation plans, and the possible need to staff backup facilities.
* Test communication with other TDSPs and QSEs prior to the hurricane making landfall.
* TOs/TDSPs are to file/update DOE Form 417

ERCOT Drill Fax Number: 512-248-3887

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***QSEs are instructed to:***

* Review fuel supplies and notify ERCOT of any known or anticipated fuel restrictions.
* Review Planned Resource outages and consider delaying maintenance.
* Review emergency operating procedures and notify ERCOT of any changes or conditions that could affect System Reliability.
* Direct plant operators to prepare for projected severe weather conditions and review procedures for operating in the lead due to possible high voltage concerns.
* Notify ERCOT if relocating personnel to Backup Control Centers.

“This is a drill.”

***(2 Days Prior to Landfall)***

**Update on Hurricane May**

**(*1300 Drill Time May 22nd)***

The T/S Desk makes a Hotline call to Transmission Operators

“Script: “ERCOT is conducting a drill. All of the following instructions are for simulation and test purposes only. No real-time action is to be taken.

This is the ERCOT System Operator. “The National Hurricane Center has issued an updated landfall projection for “Hurricane May”.

Hurricane May is moving NW @ 15 MPH. Hurricane May has become a dangerous Category 5 hurricane with winds at 159 mph. A Hurricane Watch remains in effect for the Texas coast from Brownsville to Port Arthur. A Hurricane Warning has been issued for the Texas coast from Corpus Christi to Galveston. Predictions now indicate a 20% probability of landfall at Freeport, a 40% probability at Port Lavaca and a 20% probability at Corpus Christi within the next 48 hours. The latest path forecast for Hurricane May shows it will move north along the I35 corridor. All Transmission Operators are to take appropriate action in the projected path of the storm.”

***TOs are instructed to continue:***

* Reviewing the items listed under the Advisory.
* Notify ERCOT if relocating personnel to Backup Control Centers.

“This is a drill.”

The Real Time Desk makes a Hotline call to QSEs

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This is the ERCOT System Operator. “The National Hurricane Center has issued an updated landfall projection for “Hurricane May”.

Hurricane May is moving NW @ 15 MPH. Hurricane May has become a dangerous Category 5 hurricane with winds at 159 mph. A Hurricane Watch remains in effect for the Texas coast from Brownsville to Port Arthur. A Hurricane Warning has been issued for the Texas coast from Corpus Christi to Galveston. Predictions now indicate a 20% probability of landfall at Freeport, a 40% probability at Port Lavaca and a 20% probability at Corpus Christi within the next 48 hours. The latest path forecast for Hurricane May shows it will move north along the I35 corridor. All Transmission Operators are to take appropriate action in the projected path of the storm.”

***QSEs are instructed to continue:***

* Reviewing the items listed under the Advisory.
* Notify ERCOT if relocating personnel to Backup Control Centers.

“This is a drill.”

***(1 Day Prior to Landfall)***

**1530 / WATCH**

***(1530 Drill Time May 22nd)***

The T/S Desk makes a Hotline call to Transmission Operators

“Script: “ERCOT is conducting a drill. All of the following instructions are for simulation and test purposes only. No real-time action is to be taken.

This is the ERCOT System Operator. ERCOT is issuing a Watch. The National Hurricane Center has issued an updated landfall projection for “Hurricane May”.

Hurricane May is moving NW @ 15 MPH. May has weakened to a Category 4 hurricane with 150 mph winds. The highest probability of landfall is now 75% at Port Lavaca by tomorrow morning. Hurricane force winds are expected to extend out 100 miles either side of the storm creating 15-20 foot storm surges as far north as Galveston and southward towards Port Aransas. A Hurricane Warning continues from Corpus Christi to Galveston. Once May makes landfall it is expected to weaken rapidly as it moves inland and then make a northerly turn as it collides with high pressure in West Texas.

***TOs are instructed to:***

* Be prepared to lose load and expect high voltage conditions as the hurricane approaches landfall.
* Keep ERCOT informed of any issues.

“This is a drill.”

The Real Time Desk makes a Hotline call to QSEs

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This is the ERCOT System Operator. ERCOT is issuing a Watch. The National Hurricane Center has issued an updated landfall projection for “Hurricane May”.

Hurricane May is moving NW @ 15 MPH. May has weakened to a Category 4 hurricane with 150 mph winds. The highest probability of landfall is now 75% at Port Lavaca by tomorrow morning. Hurricane force winds are expected to extend out 100 miles either side of the storm creating 15-20 foot storm surges as far north as Galveston and southward towards Port Aransas. A Hurricane Warning continues from Corpus Christi to Galveston. Once May makes landfall it is expected to weaken rapidly as it moves inland and then make a northerly turn as it collides with high pressure in West Texas.

***QSEs are instructed to:***

* Notify all Resources of conditions
* Review fuel supplies and notify ERCOT of any known or anticipated fuel restrictions
* Review emergency operating procedures and notify ERCOT of any changes or conditions that could affect System Reliability.
* Make available, any Resources that can be returned to service and keep COPs and HSLs updated.

***LANDFALL***

**0800 / EMERGENCY NOTICE**

**(*0800 Drill Time May 23rd)***

The T/S Desk makes a Hotline call to Transmission Operators

“Script: “ERCOT is conducting a drill. All of the following instructions are for simulation and test purposes only. No real-time action is to be taken.

This is the ERCOT System Operator. ERCOT is issuing an Emergency Notice.

“Hurricane May” has made landfall near Port Lavaca, Texas as a Category 4 storm with 135 mph winds. Heavy rains are occurring between Corpus Christi and Lake Jackson. Storm surges of 8-14 feet are reported. May is expected to turn to a more Northerly path and rapidly lose strength.

***TOs are instructed to:***

* TOs prepare to lose load and expect high voltage conditions as the storm moves island.
* Keep ERCOT informed of any issues.

“This is a drill.”

The Real Time Desk makes a Hotline call to QSEs

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This is the ERCOT System Operator. ERCOT is issuing an Emergency Notice.

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***QSEs are instructed to:***

* Be prepared to reduce generation output due to anticipated load loss and respond to voltage support issues as requested.
* Keep COPs and HSLs current.

“This is a drill.”

**Landfall Day 2100**

**1300 / CANCEL EMERGENCY NOTICE**

**--Storm in North Texas--**

***(1300 Drill Time May 23rd)***

The T/S Desk makes a Hotline call to Transmission Operators

Script: “ERCOT is conducting a drill. All of the following instructions are for simulation and test purposes only. No real-time action is to be taken.

This is the ERCOT System Operator. ERCOT is canceling the Emergency Notice.

“Hurricane May has been downgraded to a Tropical Storm with winds of 56 mph. May is expected to remain almost stationery and dump up to 15 inches of rain per hour throughout the evening.

* Continue to assess transmission damages and notify ERCOT of any transmission outages.

“This is a drill.”

The Real Time Desk makes a Hotline call to QSEs

Script: “ERCOT is conducting a drill. All of the following instructions are for simulation and test purposes only. No real-time action is to be taken.”

This is the ERCOT System Operator. ERCOT is canceling the Emergency Notice.

“Hurricane May has been downgraded to a Tropical Storm with winds of 56 mph. May is expected to remain almost stationery and dump up to 15 inches of rain per hour throughout the evening.

* Continue attempting to make voice contact with your resources and update your COP to reflect available status.

“This is a drill.”

**Landfall Day 2300**

**1400 / CANCEL WATCH**

**--Storm in Oklahoma--**

**(*1400 Drill Time May 23rd)***

The T/S Desk makes a Hotline call to Transmission Operators

Script: “ERCOT is conducting a drill. All of the following instructions are for simulation and test purposes only. No real-time action is to be taken.

This is the ERCOT System Operator. ERCOT is canceling the Watch. Hurricane conditions within Texas have improved, as loss of load has peaked. Tropical Storm May is close to the Oklahoma/Texas border.

* Continue to assess transmission damages and notify ERCOT of any significant facility status change.

“This is a drill.”

The Real Time Desk makes a Hotline call to QSEs

Script: “ERCOT is conducting a drill. All of the following instructions are for simulation and test purposes only. No real-time action is to be taken.”

This is the ERCOT System Operator. ERCOT is canceling the Watch. Hurricane conditions within Texas have improved, as loss of load has peaked. Tropical Storm May is close to the Oklahoma/Texas border.

“This is a drill.”

**Landfall Day +1, 0100**

**1430 / CANCEL ADVISORY**

**--Hurricane Conditions Improving--**

**(*1430 Drill Time May 23rd*)**

The T/S Desk makes a Hotline call to Transmission Operators

Script: “ERCOT is conducting a drill. All of the following instructions are for simulation and test purposes only. No real-time action is to be taken.

This is the ERCOT System Operator. ERCOT is canceling the Advisory. Continue to assess transmission damages and notify ERCOT of any significant facility status change.

“This is a drill.”

The Real Time Desk makes a Hotline call to QSEs

Script: “ERCOT is conducting a drill. All of the following instructions are for simulation and test purposes only. No real-time action is to be taken.”

This is the ERCOT System Operator. ERCOT is canceling the Advisory. When you make contact with your Resources, notify ERCOT ofany significant resource status changes. Also continue to update your COP.

“This is a drill.”

**Landfall Day +1, 0200**

**1500 / CANCEL OCN**

**(*1500 Drill Time May 23rd*)**

**OCN is canceled**

**(2012 SEVERE WEATHER DRILL OVER)**