

# Operations Training Working Group (OTWG)

April 12th, 2018

ERCOT 800 Airport Drive, Taylor, Building TCC 1, Room 253/WebEx

1300-1600

* Anti-trust Admonition

To avoid raising concerns about antitrust liability, participants in ERCOT activities should refrain from proposing any action or measure that would exceed ERCOT’s authority under federal or state law. For additional information, stakeholders should consult the Statement of Position on Antitrust Issues for Members of ERCOT Committees, Subcommittees, and Working Groups, which is posted on the ERCOT website.

* Disclaimer

All presentations and materials submitted by Market Participants or any other Entity to ERCOT staff for this meeting are received and posted with the acknowledgement that the information will be considered public in accordance with the ERCOT Websites Content Management Operating Procedure.

* Approval of Meeting Notes – March 2018

**UPCOMING/CURRENT EVENTS**

* 2018 OTS (Length 18 hours / 16 CEHs)
  + Theme

Generators, Markets and Transmission, Working Together to Ensure Reliability

* + Tuesday
    - 10a CEO Introduction (Bill Magness / ERCOT)
    - 11a Extreme Natural Events (1 CEH) (Kristi Hobbs / ERCOT)
  + LUNCH
    - 1p Hurricane Harvey (3 CEH)
      * Weatherman Perspective (Chris Coleman)(50 min)
      * CenterPoint Perspective (CenterPoint)(30 min)
      * AEP Perspective (AEP)(30 min)
      * NRG Perspective (NRG)(30 min)
      * ERCOT Perspective (ERCOT Operations Management)(30 min)
    - 4p Resource Integration Impacts (1 CEH) (John Bernecker / ERCOT)
  + Wednesday
    - 8a Markets and Reliability (1 CEH) (David Maggio / ERCOT)
    - 9a Grid Scale Renewables: Planning, Operations and Forecasting (1 CEH) (Nitika Mago / ERCOT)
    - 10a Trends in Markets and Policy: Texas and Beyond (1 CEH) (Paul Wattles)
    - 11a Distributed Energy and Demand Response (1 CEH) (Clayton Stice / ERCOT)
  + LUNCH
    - 1p RUC Process (1 CEH) (Agee Springer / ERCOT)
    - 2p Improving Resiliency – What can be done? (1 CEH) (John Adams / ERCOT)
    - 3p Loss of SCADA, EMS, or LCC (1 CEH) (Dave Penney / TRE, Mark Henry / TRE, Ray Manzanilla / ERCOT)
    - 4p Coordinated Voltage Control (Voltage set point control) (RPC) (1 CEH) (Stephen Solis / ERCOT)
  + Thursday
    - 8a Human Performance Improvement (1 CEH) (Brian Legg / ERCOT)
    - 9a Physical and Cyber Security (1 CEH) (Joshua Aldridge / ERCOT)
    - 10a Australian Black Out Event (1 CEH) (Alex Lee / ERCOT)
    - 11a Seminar Assessment - Scantron assessment
    - 12p CLOSING and Mementos
  + Schedule (Austin Airport Hilton)
    - Session 3 – April 10th – 12th
    - Session 4 – April 17th – 19th
    - Session 5 April 24th – 26th
    - Session 6 May 1st – 3rd
* 2018 Hurricane Drill
  + (Session 4) June 4th – June 7th
  + June 7th is drill simulation performance

**RECENT EVENTS**

* OTS 2018 Mid-point
* Because these are NERC accredited lectures, OTS presenters must meet their time allotments

**ITEMS FOR DISCUSSION**

* Market notices not being received (Erik Johnson)
  + Many are not receiving as the lists are self-subscribing lists
  + Get ahead…reconcile list subscriptions
  + NOGRR is coming to address participation
* ERCOT Exam (Josh Aldridge)
  + Decide on certification levels
    - (a) One encompassing certificiation
    - (b) Two certifications: 1 for QSE and 1 for TOP
  + Request for job task analysis will follow this meeting
  + NOGRR will be submitted to seek approval for an official change
* Coordinated training events (Josh Aldridge)
  + Identify market participants who require or would like ERCOT assistance
  + Suggestions for methods (WebEx during cycle events?)
  + NOGRR will be submitted to seek approval for an official change
* Black Start wrap-up (Evan Pierce)
  + Black start generator tool
  + Event report
  + Black Start Working Group Requests:
    - Request for additional day of Black Start Training to train operators on level of knowledge gaps identified in the 2018 Black Start Training.
    - Request for dual Black Start Training Registration to ensure all NERC required Transmission and Generator Real-Time Operators have training slots set aside ahead of time.
    - Request the OTWG evaluate the need for, and appropriate type of, Black Start training for ERCOT Distribution Service Providers and Support Personnel.
* ERCOT Initial Operator Training Program (Josh Aldridge)
  + Piloting will begin with internal participants in mid-2018
  + Phase one of the program is being designed to prepare participants for an apprenticeship type role
  + Participants will be prepared for ERCOT and NERC certification exams
* New Business
  + Theme and Topic selection for 2019 OTS
* Adjourn
* Next Meeting Dates (Information will be updated by the meeting)

May 9 (1 pm) TCC 1, Rm 253 Trainer Development

May 10 (9 am) TCC 1, Rm 253 / WebEx

June 14 (9 am) TCC 1, Rm 252 / WebEx

July 12 (9 am) TCC 1, Rm 253 / WebEx

August 9 (9 am) TCC 1, Rm 253 / WebEx

September 12 (1 pm) TCC 1, Rm 253 Trainer Development

September 13 (9 am) TCC 1, Rm 253 / Web Ex

October 11 (9 am) TCC 1, Rm 253 / WebEx

November 8 (9 am) TCC 1, Rm 252 / WebEx

December 13 (9 am) TCC 1, Rm 253 / WebEx

**2019 TRAINING EVENTS**

* 2019 Black Start and Restoration Training
  + Pilot: February 25th (Generation and Transmission Dynamics) and February 26th – 28th (Black Start and Restoration Training)
  + Week 1: March 18th (Generation and Transmission Dynamics) and March 19th – 21st (Black Start and Restoration Training)
  + Week 2: March 25th (Generation and Transmission Dynamics) and March 26th – 28th (Black Start and Restoration Training)
  + Week 3: April 1st (Generation and Transmission Dynamics) and April 2nd – 4th (Black Start and Restoration Training)
  + Week 4: April 8th (Generation and Transmission Dynamics) and April 9th – 11th (Black Start and Restoration Training)
  + Week 5: April 15th (Generation and Transmission Dynamics) and April 16th – 18th (Black Start and Restoration Training)
  + Week 6: April 22nd (Generation and Transmission Dynamics) and April 23rd – 25th (Black Start and Restoration Training)
  + Inclement Weather Week: April 29th (Generation and Transmission Dynamics) and April 30th – May 2nd (Black Start and Restoration Training)
* 2019 Operator Training Seminar
  + Pilot: August 13th – 15th
  + Week 1: October 15th – 17th
  + Week 2: October 22nd – 24th
  + Week 3: October 29th – 31st
  + Week 4: November 5th – 7th
  + Week 5: November 12th – 14th
  + Week 6: November 19th – 21st

[**WebEx Conference**](https://ercot.webex.com/ercot)

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| |  | | --- | | **OTWG Meeting** | | Thursday, April 12, 2018 | | 1:00 pm  |  Central Daylight Time (Chicago, GMT-05:00)  |  2 hrs |  |  | | --- | | Meeting number (access code): 625 589 955 |  |  | | --- | | Meeting password: otwg04 | |  | |  |  |  |  |  | | --- | --- | --- | --- | | |  | | --- | | [Add to Calendar](https://urldefense.proofpoint.com/v2/url?u=https-3A__ercot.webex.com_ercot_j.php-3FMTID-3Dm9900b00660ca8e136381fd1525b62f06&d=DwMGaQ&c=trp9rTvIdyEWh1VWB5x8_2JiPaB5oGZOtWPDws2_VoY&r=T0m5Jg90hX6QBKd0dyCgfRQSppFZ4x_43N_zqr-h2HU&m=y97fa76IayHy1-V4VHu2YMBn6kj76iDNbC0tBrgYujg&s=iT5OXKReFNl2ziWZIYG6aXTL2a7hl-RmttOcUdbJkek&e=) | | |  | | --- | | When it's time, [start your meeting](https://urldefense.proofpoint.com/v2/url?u=https-3A__ercot.webex.com_ercot_j.php-3FMTID-3Dm2f26fc8bdc0708564c084bf3a1244cf8&d=DwMGaQ&c=trp9rTvIdyEWh1VWB5x8_2JiPaB5oGZOtWPDws2_VoY&r=T0m5Jg90hX6QBKd0dyCgfRQSppFZ4x_43N_zqr-h2HU&m=y97fa76IayHy1-V4VHu2YMBn6kj76iDNbC0tBrgYujg&s=3xP5u9ckNcvf49SAa2EDbI0MPC5f3A0ik1AelUuh0y0&e=). | |  |  | | --- | | **Join by phone** | | **1-877-668-4493** Call-in toll-free number (US/Canada) | | **1-650-479-3208** Call-in toll number (US/Canada) | | [Toll-free calling restrictions](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.webex.com_pdf_tollfree-5Frestrictions.pdf&d=DwMGaQ&c=trp9rTvIdyEWh1VWB5x8_2JiPaB5oGZOtWPDws2_VoY&r=T0m5Jg90hX6QBKd0dyCgfRQSppFZ4x_43N_zqr-h2HU&m=y97fa76IayHy1-V4VHu2YMBn6kj76iDNbC0tBrgYujg&s=F4mm9AbKSIybEUPPIQ4WM7OiZPf7KekQqwmFFu7hXvs&e=) |  |  | | --- | |  | |