

Questions from Novatus Energy, LLC on ETT West Texas Arms Project

The purpose of these questions and answers is to provide additional insight to the currently-posted outage schedule for the ETT CREZ area outages. These outages are in ERCOT's Outage Scheduler software and have been discussed through the ERCOT stakeholder process. Due to contract and confidentiality agreements, no commercial terms or confidential information will be provided by ETT. However, ETT commits to answer any question that it is legally able to address about the progress of the West Texas Arms Project.

- 1) Does ETT continue to expect all CREZ warranty-related outage work to be completed by December 2021?**

Answer: Yes, ETT remains on schedule to complete CREZ warranty-related outage work by December 2021. Delays may occur due to unforeseen circumstances, such as inclement weather.

- 2) The CREZ map presented at the 8/3 CMWG meeting was from 2011 and included lines that are no longer energized. Can ETT please publish an updated transmission map that also includes the lines associated with the Lubbock integration?**

Answer: Maps are provided by ERCOT. ETT does not maintain maps of other TSP systems such as those associated with the Lubbock integration. Please contact ERCOT for Transmission maps.

- 3) Can ETT provide guidance on any anticipated significant revisions to the outage scheduler? Are there any major changes anticipated to the order, timing, duration, etc.?**

Answer: In compliance with CEII requirements ETT has provided all possible information that is publicly available. ETT has included all outages planned in Outage Scheduler. At this time, no major changes are planned regarding order, timing or duration. ETT may make changes in the future depending on business need.

- 4) Can ETT provide guidance on what a typical annual outage schedule could look like once the warranty-related outage work is complete given we have not lived through a "normal" outage season in the last several years? Estimates for typical outage duration, average # of lines that may be taken out of service, time of year outages will normally be scheduled, etc. would be helpful.**

Answer: Typical outages for line segments range from a couple of hours to less than a week depending on the work required. Substation work such as cut-ins, major transformer repairs, damage from natural causes, etc. can range from a few hours to several weeks.

- 5) **The Outage Scheduler on July 16th (date of August CRR auction window close) included limited and stale information regarding the Figaro cut in, with no indication the work was rescheduled for August. Did ETT know on 7/16/20 that the Figaro cut in was going to occur 8/12-8/24 and the Edith Clarke-Clear Crossing line would be returned to service early? Why was this not updated in a timely manner so that market participants could adjust their CRR bidding accordingly? Updates to the Outage Scheduler were entered on 7/28, well after the CRR auction had cleared and positions awarded to market participants.**

Answer: The Figaro cut-in was originally taking place in September 2020 to meet the customers in-service date requirement. In an effort to provide additional capability of the Panhandle GTC limit and avoid taking additional outages on the ETT CREZ lines in September (a high wind month), a creative solution was developed and discussed. Working with ERCOT and ONCOR plans were not finalized and approved until late afternoon on July 27th. Hurricane Hanna priority work was completed first then the updates to Outage Scheduler were entered on July 28th (which was as quickly as they could be posted given Hurricane Hanna needs).

- 6) **The latest market notice was sent on 7/29 for a return of the line the following day, 7/30. Why wasn't more notice given than one day?**

Answer: ETT provides the earliest possible notice that it legally can as a service to ERCOT Stakeholders and our clients. The work's original scheduled completion was August 3rd. Due to the good weather and productivity of our change-out crews, work was completed almost a week early, on 7/28. ETT returned the line to service on 7/30 after all appropriate inspections were complete and equipment was cleared. The most notice that can be provided in advance of the precise timing of the return to service is one day.

- 7) **Can ETT confirm the start and end dates for when the Edith Clarke-Clear Crossing line will be returned to service? Based on the original notice posted to the ETT website the dates were 7/30-8/12. However after seeing the power point presented to CMWG on 8/3 it seems the line will be back in service through at least 8/24/20**

Answer: The start date was 7/30/2020 as noticed by ETT on www.ETTexas.com website. The data for the end date has been entered into Outage Scheduler. ERCOT approval will be required before the Edith Clarke to Clear Crossing line will be taken out of service again in August. Upon ERCOT approval, the date will be available in Outage Scheduler.

Any additional questions should be addressed to Mr. Blake Gross at bagross@aep.com.