ENTERGY LOUISIANA, LLC
LOUISIANA PUBLIC SERVICE COMMISSION
UNDOCKETED WINTER STORM EVENT

Response of: Entergy Louisiana, LLC
to the First Set of Data Requests
of Requesting Party: Louisiana Public Service Commission

Question No.: LPSC 1-5 Part No.: Addendum:

Question:

Was any of the utility's bulk transmission system or generating units offline due to planned maintenance when the Winter Storm event was declared? If yes, please provide:

a. The name of the transmission system and/or generating unit(s);

b. The size (KV) and length of the transmission lines, if applicable;

c. Why such maintenance was scheduled in February 2021 as opposed to another time period.

Response:

The tables below provide responsive information related to ELL's planned transmission and generation outages that were in effect during the Winter Storm event. Planned generation and transmission outages are required to maintain and improve equipment to ensure its reliability. The timing and duration of planned outages are evaluated and selected based on historical loading to ensure the bulk electric system will remain reliable during the duration of any planned outage. Historically, February is a transition month with milder weather conditions and lower system loads allowing for required planned outages to be taken. It is important to note that planned transmission and generation outages are coordinated through and scheduled with the Midcontinent Independent System Operator ("MISO") to ensure that regional reliability is evaluated and coordinated.

Planned Transmission Outages			
(a) transmission facility	**(b) voltage (kV)**	**(b) line length (miles)**	**(c) reason for planned outage**
Natchez – Red Gum	115	11.38	Construction – Rebuild line
Ninemile Static Var Compensator (SVC)	230	N/A	Construction – Bushing Replacement
Sarepta - R0349 (Capacitor Bank)	115	N/A	Maintenance – Protection System
LAGEN Holton – Franklinton	115	14.56	Construction – Cut-in new station into line

Planned Generation Outages		
(a) generating facility	**(b) Capacity (MW)**	**(c) reason for planned outage**
Ninemile Unit 6	608	Preventative and corrective maintenance outage based on unit operations scheduled for 01/23/21 through 02/26/21.
Calcasieu Unit 1	155	Preventative and corrective maintenance outage based on unit operations scheduled for 02/06/21 through 02/27/21.

It should be noted that the planned generator outages were scheduled with and approved by MISO prior to the Winter Event. The status of the planned outage work on Ninemile 6 as the Winter Storm approached did not provide an opportunity to return that unit from outage in time to respond to the Winter Event.

Fortunately, ELL was able to return Calcasieu Unit 1 from outage early and placed it online on 02/15/2021 due to the anticipated need for generation caused by the Winter Storm. ELL recognized the potential severity of the upcoming storm and inquired about returning Calcasieu Unit 1 to service early to support winter weather load demands. Over the course of 24 hours, the Company's Power Generation team was able to coordinate vendor support to reinstall two fuel gas relief valves, provide rescue standby, remove scaffolding from the unit, line up and purge the plant gas supply, and perform switching to restore the switchyard. Additionally, the plant staff completed a flash back thermocouple project that was scheduled to last several additional days, released all the outage clearances, and restored all of plant equipment to service for a safe and successful startup on Monday February 15th, 12 days before the original planned end date of February 27th.