



Filing Receipt

Received - 2022-04-18 02:21:57 PM
Control Number - 53385
ItemNumber - 330

PUC PROJECT NO. 53385

PROJECT TO SUBMIT EMERGENCY	§	PUBLIC UTILITY COMMISSION
OPERATIONS PLANS AND RELATED	§	
DOCUMENTS UNDER 16 TAC § 25.53	§	OF TEXAS

LCRA Transmission Services Corporation's
Executive Summary to the Public Redacted Emergency Operations Plan

April 18, 2022

Contact Information:

Justin Stryker
Senior Regulatory Case Manager
(512) 730-6803
Justin.Stryker@LCRA.org

Tables of Contents and Executive Summary of LCRA Transmission Services Corporation’s Emergency Operations Plan
PUC Project No. 53385, *Project for Submitting Emergency Operations Plans and Related Documents Under 16 TAC § 25.53*

§25.53 Electric Service Emergency Operations Plans Requirement	LCRA TSC Response
<p>§25.53 (d)(1) An approval and implementation section that: (A) introduces the EOP and outlines its applicability (B) lists the individuals responsible for maintaining and implementing the EOP, and those who can change the EOP (C) provides a revision control summary that lists the dates of each change made to the EOP since the initial EOP filing pursuant to paragraph (1) of this subsection (D) provides a dated statement that the current EOP supersedes previous EOPs (E) states the date the EOP was most recently approved by the entity</p>	<p>(A) Introduction of the EOP and outline of applicability:</p> <ul style="list-style-type: none"> • LCRA Emergency Management Master Plan Rev. 9.2: Purpose and Scope The LCRA Emergency Management Master Plan is the basis of an effective response to any emergency and applies to all areas (e.g., subsidiaries, departments, workgroups, facilities, properties, and personnel) within the corporate limits of the Lower Colorado River Authority and LCRA Transmission Services Corporation. This plan is an umbrella document that incorporates and unifies all LCRA emergency plans and efforts. All levels of management and employees involved in critical operations and emergency response are responsible for being familiar with the plan and its appendices and annexes. It specifies lines of authority, responsibilities, the coordination of activities and other protocols employed by LCRA during emergencies, incidents, business disruptions, contingencies, and disasters. ➤ Bates page 8 • LCRA TSC Emergency Operations Plan: Purpose and Scope The LCRA Transmission Services Corporation Emergency Operations Plan (EOP) defines Transmission’s response to emergencies that may be a Transmission only event or part of a broader event impacting other LCRA business units. In either case, this plan aligns with and supports LCRA’s Emergency Management Master Plan. This Plan outlines the processes and procedures to respond to emergencies safely, reliably, and efficiently by employing industry proven incident command and emergency management principles and practices. ➤ Bates page 113
	<p>(B) Individuals responsible for maintaining and implementing the EOP, and those who can change the EOP:</p> <ul style="list-style-type: none"> • LCRA Emergency Management Master Plan Rev. 9.2: Approval and Implementation Section; Appendix 4 – Emergency Planning at LCRA LCRA Public Safety is responsible for maintaining a comprehensive enterprise-wide emergency management system. Public Safety reviews the plan annually and updates it at least every five years. LCRA emergency management staff may develop and distribute minor changes to this plan, its appendices, or annexes. Major revisions and recertification must be approved by LCRA’s general manager. The Risk and Business Continuity workgroup leads LCRA’s plan effort, providing ongoing management, governance, and oversight of the planning processes that prepare LCRA to effectively respond to emergency situations, incidents, critical business interruptions and system outages. ➤ Bates pages 4, 24-25

Tables of Contents and Executive Summary of LCRA Transmission Services Corporation’s Emergency Operations Plan
PUC Project No. 53385, *Project for Submitting Emergency Operations Plans and Related Documents Under 16 TAC § 25.53*

	<ul style="list-style-type: none"> • LCRA TSC Emergency Operations Plan: Document Administration and Record of Distribution The LCRA TSC EOP is administered by the Vice President of Transmission System Operations (VP of TSO), who will conduct an annual review and update of the Plan engaging the members of the Transmission Incident Management Team. The final updated version is approved by the VP of TSO, the Senior Vice President of Transmission Operations, and the Executive Vice President of Transmission by January 1 of each calendar year. Modifications may be made to the plan by the VP of TSO or his/her designee, as necessary, and communication of those changes will be made to the Transmission Incident Command distribution list. ➤ Bates page 114-115 • Incident Management Team (IMT) – Roles, Responsibilities, and Coordination Identifies the roles and responsibilities of individuals responsible for maintaining and implementing the LCRA TSC EOP. ➤ Bates pages 117-120
	<p>(C) Revision control summaries that list the dates of each change made to the EOP:</p> <ul style="list-style-type: none"> • LCRA Emergency Management Master Plan Rev. 9.2: Appendix 2 – Record of Changes and Distribution ➤ Bates page 20-21 • LCRA TSC Emergency Operations Plan: Document History – Record of Changes ➤ Bates page 20-21
	<p>(D) Dated statement that the current EOP supersedes previous EOPs:</p> <ul style="list-style-type: none"> • LCRA Emergency Management Master Plan Rev. 9.2: Approval and Implementation Section ➤ Bates page 4 • LCRA TSC Emergency Operations Plan: Introduction ➤ Bates page 108
	<p>(E) Date the EOP was most recently approved by the entity:</p> <ul style="list-style-type: none"> • LCRA Emergency Management Master Plan Rev. 9.2 was most recently approved March 25, 2022 ➤ Bates page 21 • LCRA TSC Emergency Operations Plan was most recently approved on April 5, 2022 ➤ Bates page 126-127

Tables of Contents and Executive Summary of LCRA Transmission Services Corporation’s Emergency Operations Plan
PUC Project No. 53385, *Project for Submitting Emergency Operations Plans and Related Documents Under 16 TAC § 25.53*

<p>(d)(2) A communication plan (A) An entity with transmission or distribution service operations must describe the procedures during an emergency for handling complaints and for communicating with the public; the media; customers; the commission; the Office of Public Utility Counsel (OPUC); local and state governmental entities, officials, and emergency operations centers, as appropriate in the circumstances for the entity; the reliability coordinator for its power region; and critical load customers directly served by the entity.</p>	<p>LCRA TSC maintains procedures for working with LCRA’s Communications department if information needs to be shared with the media, public and other stakeholders. LCRA TSC also maintains separate procedures with communications protocols for notifying wholesale transmission and transformation service customers during energy emergency alerts issued by the Electric Reliability Council of Texas (ERCOT). The procedures include instructions for establishing a hotline call to those distribution service providers’ control centers or to communicate directives to shed load. LCRA TSC is not a distribution service provider and does not serve retail customers.</p> <ul style="list-style-type: none">• LCRA Emergency Management Master Plan Rev. 9.2: This document addresses communications with various external audiences, including elected officials, media, and the public, and governs communications with emergency and governmental agencies. Appendix 5 designates the LCRA Emergency Management Coordinator as responsible for coordinating communication with news media and elected officials. Appendix 6 outlines the communication responsibilities for the named Incident Commander for any LCRA emergency. Appendix 8 addresses LCRA’s communication with the State Operations Center. Annex B addresses communication methods during an emergency.<ul style="list-style-type: none">➤ Bates pages 9, 26, 28-30, 34-36, 50-53• LCRA Public Affairs Emergency Response Procedures February 2022: LCRA’s Public Affairs Department works with other groups within LCRA to ensure information is provided to the Public Utility Commission of Texas (PUC) and the Office of Public Utility Counsel, as appropriate.<ul style="list-style-type: none">➤ Bates page 135-138• LCRA TSC Emergency Operations Plan: The LCRA TSC EOP addresses communications with media, other responding agencies, customers, community officials, emergency operations centers, the PUC, ERCOT and other stakeholders, where appropriate, as well as communications processes and emergency communications systems during an emergency event.<ul style="list-style-type: none">➤ Bates pages 110, 111, 112, 115, 116, 120, 128• LCRA TSC EEA Event Management Checklist: This document provides tracking and scripts for communication to and from the Reliability Coordinator (i.e., ERCOT) during an Energy Emergency Alert (EEA) event. Although LCRA TSC has no “critical load customers directly served during an emergency,” this document governs communications with Transmission and Distribution Service Providers for whom LCRA TSC is the designated Transmission Operator.<ul style="list-style-type: none">➤ Bates pages 139-153
---	--

Tables of Contents and Executive Summary of LCRA Transmission Services Corporation’s Emergency Operations Plan
PUC Project No. 53385, *Project for Submitting Emergency Operations Plans and Related Documents Under 16 TAC § 25.53*

	<ul style="list-style-type: none"> • LCRA TSC EEA & Load Shed Plan Detail: This plan defines LCRA TSC “criteria 1 and 2” TDSP customers; provides procedural guidelines on how communication with these TDSPs should occur; and outlines the procedure for media appeals and communication with criteria 1 and 2 customers during an EEA emergency and other load shed emergencies. ➤ Bates pages 154-162 • LCRA TSC Media Notification Procedure: LCRA TSC maintains a procedure for working with LCRA's Communications department if information needs to be shared during an emergency with the public, local and state governmental entities, public officials, and the media. This procedure identifies the process that LCRA TSC Operations staff uses to coordinate with LCRA Communications. ➤ Bates pages 163-168
(d)(3) A plan to maintain pre-identified supplies for emergency response	<ul style="list-style-type: none"> • LCRA Supply Chain Emergency Support Plan: This plan provides for the expedited purchasing of supplies during an emergency while fully leveraging supplier relationships, with the goal of restoring LCRA TSC to normal operations as soon as possible. ➤ Bates pages 170-184 • LCRA Supply Chain Procurement Procedures Manual – Exceptions, Exemptions and Departures: LCRA’s procedure for emergency purchases and inventory procedures and practices that include designating items and supplies for emergency use only. In an emergency, authorized LCRA employees will take necessary procurement actions and follow up with required approvals, processes, and procedures afterward. ➤ Bates pages 185-186 • LCRA TSC Inventory of Portable Generators: List of portable generators available for LCRA TSC use in an emergency, including their locations. ➤ Bates page 187 • Various Hurricane and Ice Storm Checklists: LCRA TSC staff follow department-specific Hurricane and Ice Storm Checklists that detail escalating response levels and corresponding preparatory or system recovery activities during a weather emergency. These plans and checklists direct LCRA TSC’s actions related to, among other things, identified supplies and equipment for emergency response. An illustrative Hurricane and Ice Storm Checklist is attached. ➤ Bates pages 188-190

Tables of Contents and Executive Summary of LCRA Transmission Services Corporation’s Emergency Operations Plan
PUC Project No. 53385, *Project for Submitting Emergency Operations Plans and Related Documents Under 16 TAC § 25.53*

<p>(d)(4) A plan that addresses staffing during emergency response</p>	<ul style="list-style-type: none"> • LCRA Emergency Management Master Plan Rev. 9.2: Addresses staffing of LCRA’s emergency operations center during emergency response. At each severity level above routine operations, staffing levels are addressed and continue to escalate based upon the severity level of the incident. <ul style="list-style-type: none"> ➤ Bates pages 12-13, 40-47 • LCRA TSC Emergency Operations Plan: Covers staffing requirements during emergency events. Incident Command Structure – Roles, Responsibilities, and Coordination (pg. 12) describes staffing requirements for 24x7 coverage during an emergency, if required. <ul style="list-style-type: none"> ➤ Bates pages 118, 122, 123, 124, 128 • Various Hurricane and Ice Storm Checklists: LCRA TSC staff follow department-specific Hurricane and Ice Storm Checklists that detail escalating response levels and corresponding actions related to staffing, among other things, during an emergency event. An illustrative Hurricane and Ice Storm Checklist is attached. <ul style="list-style-type: none"> ➤ Bates pages 188-190
<p>(d)(5) A plan that addresses how an entity identifies weather-related hazards, including tornadoes, hurricanes, extreme cold weather, extreme hot weather, drought, and flooding, and the process the entity follows to activate the EOP</p>	<ul style="list-style-type: none"> • LCRA Emergency Management Master Plan Rev. 9.2: LCRA has a dedicated 24x7 Public Safety Dispatch Center as well as a full-time meteorologist on staff who provides weather forecasts, advisories, and warnings related to tornadoes, hurricanes, extreme cold/hot weather, drought, and flooding. If severe weather is forecast or has the potential to move over LCRA TSC’s operating area, notifications are sent from Public Safety Dispatch as well as the LCRA staff meteorologist via email and text messages. The LCRA Emergency Management Coordinator can also send email and text notifications to the LCRA Incident Management team as described in the LCRA Emergency Management Master Plan. Depending upon the severity of the event, LCRA Emergency Management can recommend elevated response levels to key management personnel overseeing operations. <ul style="list-style-type: none"> ➤ Bates pages 24-25, 38-39, 40-47, 73-74, 75-81 • LCRA TSC Emergency Operations Plan: The LCRA TSC EOP Presumptions on page 7 recognize weather-related hazards can occur at any time or place. LCRA TSC relies upon the full-time LCRA staff meteorologist who provides weather forecasts, advisories, and warnings related to tornadoes, hurricanes, extreme cold/hot weather, drought, and flooding. Emergency Response levels on page 15 including the charts on pages 16-18 give details on activating the EOP. <ul style="list-style-type: none"> ➤ Bates pages 111, 113, 121, 122-124, 128

Tables of Contents and Executive Summary of LCRA Transmission Services Corporation’s Emergency Operations Plan
PUC Project No. 53385, *Project for Submitting Emergency Operations Plans and Related Documents Under 16 TAC § 25.53*

<p>(e)(1)(A) A weather emergency annex that includes:</p> <p>(i) operational plans for responding to a cold or hot weather emergency, distinct from the weather preparations required under §25.55 of this title of this title (relating to Weather Emergency Preparedness)</p> <p>(ii) a checklist for transmission or distribution facility personnel to use during cold or hot weather emergency response that includes lessons learned from past weather emergencies to ensure necessary supplies and personnel are available through the weather emergency.</p>	<ul style="list-style-type: none">• LCRA Emergency Management Master Plan Rev. 9.2: The Emergency Management Master Plan is the basis of an effective response to any emergency, including a weather emergency affecting LCRA TSC. It specifies lines of authority, responsibilities, the coordination of activities and other protocols and operational plans employed by LCRA during emergencies, incidents, business disruptions, contingencies, and disasters.<ul style="list-style-type: none">➤ Bates pages 22-23, 24-25, 26-27, 28-30, 40-47, 48-53• LCRA TSC Emergency Operations Plan: The LCRA TSC EOP defines LCRA TSC’s response to emergencies (including weather related emergencies) that may be a Transmission only event or part of a broader event impacting other LCRA business units. In either case, this EOP aligns and supports LCRA’s Emergency Management Master Plan. LCRA TSC’s EOP outlines the processes and procedures to respond to emergencies safely, reliably, and efficiently by employing industry proven incident command and emergency management principles and practices. The EOP requires scheduling and conducting an After-Action Review (AAR) to identify gaps and lessons learned in the response and the EOP. The action items and opportunities for improvement identified in the AAR will be included in the Master AAR Action Item Registry and tracked and managed to resolution or implementation (see page 6).<ul style="list-style-type: none">➤ Bates pages 106-133• Various Hurricane and Ice Storm Checklists: LCRA TSC staff follow department-specific Hurricane and Ice Storm Checklists that detail escalating response levels and corresponding preparatory or system recovery activities during a weather emergency. These plans and checklists direct LCRA TSC’s actions related to staffing, operational readiness, fuel availability and other cold weather preparedness measures. The checklists are designed to mitigate hazards of a cold weather emergency. These measures are undertaken pursuant to LCRA’s Emergency Management Master Plan, LCRA TSC’s Emergency Operations Plan, and the Sever Weather Preparedness Plan. They outline responsibilities and procedures associated with extreme weather event preparations, as well as response and operational recovery. Includes a set of checklists to be followed prior to and during a weather emergency event. An illustrative Hurricane and Ice Storm Checklist is attached.<ul style="list-style-type: none">➤ Bates pages 188-190• Transmission Services Severe Weather Preparedness Plan: This plan provides information about the potential impacts of severe weather such as hot and cold weather, high winds caused by hurricanes and tornadoes as well as the effects of ice formation and wind loading on LCRA’s transmission and telecommunications infrastructure and facilities. In addition to estimating the potential impacts from various severe weather scenarios, the plan also includes a checklist of preparation and action items to help prepare for these different severe weather events. An example Severe Weather Checklist is provided in Appendix 14.4.<ul style="list-style-type: none">➤ Bates pages 194-209
---	---

Tables of Contents and Executive Summary of LCRA Transmission Services Corporation’s Emergency Operations Plan
PUC Project No. 53385, *Project for Submitting Emergency Operations Plans and Related Documents Under 16 TAC § 25.53*

<p>(e)(1)(B) A load shed annex that must include: (i) Procedures for controlled shedding of load; (ii) Priorities for restoring shed load to service; and (iii) A procedure for maintaining an accurate registry of critical load customers</p>	<ul style="list-style-type: none"> • EEA & Load Shed Plan Detail: This document contains procedures for planned shedding of load and priorities for restoring shed load to service. ➤ Bates pages 154-162 • Outages and Transmission Events: The purpose of the procedure is to define the standard for responding to outages and the restoration of transmission events. ➤ Bates pages 211-225 <p>Note that LCRA TSC does not have any critical load customers as defined under 16 TAC §§ 25.5(22), 25.52(c)(1)-(2), and 25.497. LCRA TSC’s wholesale transmission service customers (primarily municipally owned utilities and electric cooperatives) identify which substations serve critical loads for the purpose of prioritizing and restoring service to critical loads during Energy Emergency Alerts (EEA) load shed events.</p>
<p>(e)(1)(C) A pandemic and epidemic annex</p>	<ul style="list-style-type: none"> • LCRA Emergency Management Master Plan Rev. 9.2: LCRA’s Emergency Management Master Plan contains a Pandemic Response Plan that establishes clear protocols to address human resource and facility issues such as mitigating workplace infection, leave policies if significant numbers of employees are unable to work, alternative off-site work arrangements, and potential accommodations for mission critical employees. Action items are related to response levels and focus on operational priorities, communication and education to employees and critical contractors, succession of authority, protective measures and coordination with other utilities, health agencies, and the tiered emergency management system. ➤ Bates pages 66-72
<p>(e)(1)(D) A wildfire annex</p>	<ul style="list-style-type: none"> • LCRA TSC Emergency Operations Plan: The LCRA TSC EOP incorporates wildfires impacting transmission infrastructure as a part of the Transmission Emergency Criteria and Response. ➤ Bates pages 123-124 • LCRA TSC Right-of-Way (ROW) Management Plan: LCRA TSC’s ROW Management Plan documents standards and procedures for managing vegetation in and along LCRA TSC ROW and substations, as well as steps to safely operate LCRA TSC facilities and ROW to prevent fires. The objective of this plan is to establish an integrated vegetation management program to improve the reliability of the LCRA TSC electric transmission system by preventing outages from vegetation located on transmission ROW and minimizing outages from vegetation located adjacent to ROW. ➤ Bates pages 236-237

Tables of Contents and Executive Summary of LCRA Transmission Services Corporation’s Emergency Operations Plan
PUC Project No. 53385, *Project for Submitting Emergency Operations Plans and Related Documents Under 16 TAC § 25.53*

	<ul style="list-style-type: none">• LCRA Electric Transmission Easement & Right-of-Way Use Guide: This guide addresses steps to safely maintain LCRA TSC ROW and facilities, designed to prevent dangerous conditions including wildfires.<ul style="list-style-type: none">➤ Bates pages 283-299• LCRA TSC Hot Work Procedure (SMP-20): This procedure governs work that requires the use of open flame or is spark-producing (burning, welding, grinding, etc.) and other high heat applications such as portable fuel heaters and large resistance heaters. It documents procedures and guidelines to be followed to prevent wildfires while performing work involving burning, welding or a similar operation that is capable of initiating fires or explosions.<ul style="list-style-type: none">➤ Bates page 300-332• LCRA TSC System Operations Procedure: Circuit Operation and the Protection of the Public: The purpose of this procedure is to minimize dangers to the public from the operation of transmission circuits. Upon notification of a potential threat (including a wildfire that may be in the vicinity of an LCRA TSC transmission line), the Shift Supervisor will determine the potential public threat and implement whatever operational precautions are possible to minimize any further risk to the public that could occur because of the threat. The procedure outlines the acceptable operational approaches to minimizing such risks.<ul style="list-style-type: none">➤ Bates pages 333-341
(e)(1)(E) A hurricane annex that includes evacuation and re-entry procedures if facilities are located within a hurricane evacuation zone, as defined by TDEM	<ul style="list-style-type: none">• LCRA TSC Emergency Operations Plan: The LCRA TSC EOP defines LCRA TSC’s response to emergencies (including weather related emergencies such as hurricanes) that may be a Transmission only event or part of a broader event impacting other LCRA business units. In either case, this EOP aligns and supports LCRA’s Emergency Management Master Plan. LCRA TSC’s EOP outlines the processes and procedures to respond to emergencies safely, reliably, and efficiently by employing industry proven incident command and emergency management principles and practices.<ul style="list-style-type: none">➤ Bates pages 106-133<p>Transmission Services Severe Weather Preparedness Plan: This plan provides information about the potential impacts of severe and extreme weather, including, but not limited to, high winds caused by hurricanes and the effects of wind loading on LCRA TSC’s transmission infrastructure and facilities. LCRA TSC owns un-staffed transmission facilities within evacuation zones. The plan also addresses evacuation and re-entry procedures</p><ul style="list-style-type: none">➤ Bates page 200• Various Hurricane and Ice Storm Checklists: LCRA TSC staff follow department-specific Hurricane and Ice Storm Checklists that detail escalating response levels and corresponding preparatory or system recovery activities during a hurricane emergency. These plans and

Tables of Contents and Executive Summary of LCRA Transmission Services Corporation’s Emergency Operations Plan
PUC Project No. 53385, *Project for Submitting Emergency Operations Plans and Related Documents Under 16 TAC § 25.53*

	<p>checklists direct LCRA TSC’s actions related to awareness, operational readiness, evacuation, and recovery efforts associated with a hurricane. An illustrative Hurricane and Ice Storm Checklist is attached.</p> <p>➤ Bates pages 188-190</p>
(e)(1)(F) A cyber security annex	<ul style="list-style-type: none"> • LCRA Security and Risk Procedures Manual: LCRA’s Cybersecurity department is responsible for establishing cybersecurity standards and controls for all of LCRA, including LCRA TSC. The LCRA Cybersecurity Framework is based on the National Institute of Standards and Technology’s Cybersecurity Framework and takes a variety of factors into account, including risk, business requirements, asset type, industry standards and regulations. ➤ Bates pages 353-357
(e)(1)(G) A physical security incident annex	<ul style="list-style-type: none"> • LCRA Emergency Management Master Plan Rev. 9.2: This Annex has been developed to promote consistent expectations on how workers across the organization will handle physical security incidents. This Annex is maintained by LCRA’s Public Safety Department for use by all business units and work groups to be adopted as an annex for any other plans or procedures. The content within is based on established policies, procedures, and plans applicable to all workers, with additional information based on best practices. ➤ Bates pages 93-105 • LCRA Security and Risk Procedures Manual: This manual describes procedures for physical security requirements and worker responsibilities for LCRA facilities and properties. ➤ Bates pages 344-352
(e)(1)(H) A transmission and distribution utility that leases or operates facilities under PURA §39.918(b)(1) or procures, owns, and operates facilities under PURA §39.918(b)(2) must include an annex that details its plan for the use of those facilities	Not applicable

Tables of Contents and Executive Summary of LCRA Transmission Services Corporation's Emergency Operations Plan
PUC Project No. 53385, *Project for Submitting Emergency Operations Plans and Related Documents Under 16 TAC § 25.53*

(c)(4)(A) A record of distribution that contains the following information in table format: (i) titles and names of persons in the entity's organization receiving access to and training on the EOP; and (ii) dates of access to or training on the EOP, as appropriate	A record of distribution of the EOP including titles and names of LCRA staff receiving access to and/or training on the EOP and the dates of access to and/or training on the EOP, as appropriate, is attached to this Executive Summary as Attachment A.
(c)(4)(B) Emergency contact information	LCRA Transmission Services Corporation Contacts: Primary Contact: Stacy Moore-Guajardo, Emergency Management Coordinator (Main) 512-730-6557 (Toll-free) 866-527-2267 (Fax) 512-356-6033 (Cell) 512-633-8204 (Email) stacy.moore@lcra.org Backup Contact: Don Kiser, Sr. Director, Regulatory Affairs (Main) 512-578-7581 (Toll-free) 800-776-5272 (Email) don.kiser@lcra.org
(c)(4)(C) An affidavit from the entity's highest-ranking representative, official, or officer with binding authority over the entity	An affidavit signed by Phil Wilson, President and Chief Executive Officer, LCRA Transmission Services Corporation is attached to this Executive Summary as Attachment B.

§25.53(c)(4)(A) A record of distribution

Attachment A

LCRA Emergency Management Master Plan - Rev. 9.2

Name	Title	Access Date	Binder Serial No.
Phil Wilson	General Manager	3/25/22	1
John Miri	Chief Administrative Officer	3/25/22	2
Jason Hoffman	Chief of Public Safety	3/25/22	3
Eric Martinson	Dir, Critical Infra Protection	3/25/22	4
Stacy Moore	Emergency Management Coord	3/25/22	5
Dax Streater	Dir, Cybersecurity	3/25/22	6
Mitch Hibbs	Dir, Business Continuity	3/25/22	7
Jerry Hunt	Dir, Safety	3/25/22	8
John Hofmann	Exec VP, Water	3/25/22	9
Bill Lauderback	Exec VP, Public Affairs	3/25/22	10
Tom Oney	EVP, Public & Reg Affairs	3/25/22	11
Kristen Senechal	Exec VP, Transmission	3/25/22	12
Khalil Shalabi	EVP, Strat Init&Transformation	3/25/22	13
Ken Price	EVP, Generation and Telecom	3/25/22	14
Jim Travis	Chief Financial Officer	3/25/22	15
Keith Parry	VP, Resilience	3/25/22	16
Belle Bybel	Supv, Safety	3/25/22	17
Bobby Humphrey	Mgr, Nat. Res. Conservation	3/25/22	18
Giovanni Recine	Cybersecurity Program Manager	3/25/22	20
John Gillen	Account Manager II	3/25/22	21
Marcus O'Connor	Dir, Parks	3/25/22	22
Margo Richards	VP, Community Resources	3/25/22	23
Michael Rippenkroeger	Cybersecurity Analyst Lead	3/25/22	24
Roy Burks	Hydro Control Room Operator	3/25/22	25
Sylvia Posadas	Mgr, Facility Services	3/25/22	26
Todd Sander	Chief Information Officer	3/25/22	27
Sean Kelley	Mgr, Cybersecurity	3/25/22	28
Andrew Valencia	Sr VP, Generation	3/25/22	30
Angie Cole	Dir, Supply Optimization	3/25/22	31
Bobby Thompson	Dir, QSE	3/25/22	32
Darren Hughes	Mgr, GenDesk	3/25/22	33
Glenn Williams	Sr VP, Commercial Operations	3/25/22	34
Jason Kessel	Mgr, Coal Plant Ops/Maint	3/25/22	36
JD Kilian	Dir, Power Plant - Coal	3/25/22	37
Jeff Kickert	VP, Telecom Infra & Growth	3/25/22	38
Jeff Dyer	Mgr, Gas Plant Ops/Maint	3/25/22	39
Jim Willey	Dir, Power Plant - Gas	3/25/22	40
John Dumas	VP, Market Design & Initiative	3/25/22	41
Jeremy Newman	Mgr, Gas Plant Ops/Maint	3/25/22	42
Ryan Schnitzler	Dir, Dam & Hydro	3/25/22	43
Kevin Reed	Mgr, Gas Plant Ops/Maint	3/25/22	44
Monte Gottier	Dir, Plant Support Services	3/25/22	45
Jason von Minden	Mgr, Gas Plant Ops/Maint	3/25/22	46

Randa Stephenson	Chief Commercial Officer	3/25/22	47
Rus Lueders	Plant Risk Coordinator	3/25/22	48
Steven Shepherd	Sr Dir, Generation Reliability	3/25/22	49
Bill Barr	Supv, Hydro Ops Control Center	3/25/22	51
Fisher Reynolds	Chief of Staff	3/25/22	52
Randy Epps	Dir, Irrigation Operations	3/25/22	53
Bob Rose	Chief Meteorologist	3/25/22	54
Christina Oliver	VP, Strategic Planning&Pro Imp	3/25/22	55
Clara Tuma	Public Information Officer	3/25/22	56
Hondo Powell	VP, Regional Affairs	3/25/22	57
Sarah Bombick	VP, Business Analysis and Svcs	3/25/22	58
Kelly Payne	VP, Water Operations	3/25/22	59
Clint Harp	Sr VP, Telecom Business Dev	3/25/22	60
Daniel Marr	Dir, SOCC Operations	3/25/22	61
Jason Ervin	VP, Telecom Ops & Maintenance	3/25/22	62
Jennifer Benavidez	Mgr, Trans Learning Programs	3/25/22	63
Jonathan Greene	Sr VP, Transmission Ops	3/25/22	65
Jonathan Riley	Mgr, Construction Management	3/25/22	66
Joshua Cole	VP, Business Performance	3/25/22	67
Monica Masters	VP, Water Resources	3/25/22	68
Adam Moore	Dir, Tran Contract Const Mgmt	3/25/22	69
Nayana Phadke	Dir, SOCC Systems	3/25/22	71
Brad Freeman	Mgr, Park Operations	3/25/22	72
Robert Saddler	Dir, Telecomm Systems	3/25/22	73
Kristian Koellner	VP, Trans Asset Optimization	3/25/22	74
Matt Holland	Dir, Line and Sub Ops	3/25/22	75
Sergio Garza	VP, Trans Design & Protection	3/25/22	76
Bryan Cook	Dir, Water Quality Protection	3/25/22	77
Chris Riley	Dir, River Operations	3/25/22	78
David Walker	Principal Engineer	3/25/22	79
David Williams	Supv, Water Quality	3/25/22	80
Jim Richardson	Mgr, Water Surface Mgmt	3/25/22	81
Kevin Olson	Mgr, Facility Services	3/25/22	102
Ashley Erickson	VP, Op Resource & Optimization	3/25/22	103
Bryan Haas	Mgr, Trans Construction Servic	3/25/22	104
Jenna Adams	Sr VP, Human Resources	3/25/22	105
Russell Thompson	Dir, Facilities	3/25/22	106
Kenny Reed	Sr Dir, Parks & Business Dev	3/25/22	108
Gary Teeler	Mgr, Public Safety Support	3/25/22	109

All Employees below have access to the LCRA TSC Emergency Plans Hub site and are invited to participate in the quarterly Emergency Operations drill and training on the Transmission Emergency Operations Plan.

Employee Name	Employee Title	Access Date
Aaron Watley	Business Systems Analyst Lead	4/8/2022
Adam Moore	Dir, Tran Contract Const Mgmt	4/8/2022
Alfred Garcia	Trans Sys Operator Sr	4/8/2022
Allan Kunze	Trans Customer Solutions Mgr	4/8/2022
Aric Carter	Supv, Transmission System Ops	4/8/2022
Bill Jerram	Account Manager Principal	4/8/2022
Brian Allen	Engineering Associate III	4/8/2022
Brian Kunz	Operations Improvement Coord	4/8/2022
Bryan Haas	Mgr, Trans Construction Servic	4/8/2022
Casey Acker	Dir, Transmission Const Svcs	4/8/2022
Chris Phillips	Mgr, Telecom Systems	4/8/2022
Clara Tuma	Public Information Officer	4/8/2022
Clayton Kelly	Trans System Operator	4/8/2022
Dan Smith	VP, Transmission System Ops	4/8/2022
Daniel Marr	Dir, SOCC Operations	4/8/2022
Deb Beard	Dir, Supply Chain	4/8/2022
Delmas Harris	Trans Sys Operator Sr	4/8/2022
Donald Schneider	Trans Sys Operator Sr	4/8/2022
Donnie Becka	Supv, Telecom Systems	4/8/2022
Eric Martinson	Dir, Critical Infra Protection	4/8/2022
Garrett Thompson	Dir, Technical Services	4/8/2022
Gary Teeler	Mgr, Public Safety Support	4/8/2022
Geoff Myers	Supv, Telecom Systems	4/8/2022
George Candelaria	Supv, Transmission System Ops	4/8/2022
Gil Martinez	Supv, TOCC Operations	4/8/2022
Greg Arizola	Supv, Tran System District	4/8/2022
Hondo Powell	VP, Regional Affairs	4/8/2022
Hunter Gibson	Safety Specialist II	4/8/2022
Jamie Hahn	Business Continuity Program Mg	4/8/2022
Jason Ervin	VP, Telecom Ops & Maintenance	4/8/2022
Jeff Briney	Trans Sys Operator Sr	4/8/2022
John Prazer	Safety Specialist II	4/8/2022
Jonathan Greene	Sr VP, Transmission Ops	4/8/2022
Jonathan Taylor	Trans Resilience Program Mgr	4/8/2022
Joshua Cole	VP, Business Performance	4/8/2022
Juan Guerra	Supv, Sup Trans Construction	4/8/2022
Justin Gibson	Mgr, Sys Ops Control Center	4/8/2022
Kevin Olson	Mgr, Facility Services	4/8/2022
Kristen Senechal	Exec VP, Transmission	4/8/2022
Kristian Koellner	VP, Trans Asset Optimization	4/8/2022

Kyle Kramer	Supv, Tran System District	4/8/2022
Larry Brown	Mgr, Safety	4/8/2022
Laura Guillory	Dir, Supply Chain	4/8/2022
Luke Adair	Mgr, System Controls	4/8/2022
Mace Royston	Dir, Telecomm Systems	4/8/2022
Mario Chapa	Business Continuity Program Mg	4/8/2022
Matt Holland	Dir, Line and Sub Ops	4/8/2022
Miguel Nunez	Dir, Fleet Operations	4/8/2022
Mitch Hibbs	Dir, Business Continuity	4/8/2022
Nayana Phadke	Dir, SOCC Systems	4/8/2022
Omar Reyes	Trans Sys Operator Sr	4/8/2022
Patrick Dillon	Supv, Transmission System Ops	4/8/2022
Paul Fillip	Trans System Operator	4/8/2022
Perry Ball	Trans Sys Operator Sr	4/8/2022
Pete Zepeda	Dir, Engineering	4/8/2022
Peter Lewis	Mgr, Engineering	4/8/2022
Robert Saddler	Dir, Telecomm Systems	4/8/2022
Sam Perine	Supv, Tran System District	4/8/2022
Sam Woolard	VP, Trans Const & Maintenance	4/8/2022
Sarah Howard	Sr Dir, Communications	4/8/2022
Sergio Garza	VP, Trans Design & Protection	4/8/2022
Skip King	Trans Sys Operator Sr	4/8/2022
Stacy Moore	Emergency Management Coord	4/8/2022
Stacy Talbert	Supv, Safety	4/8/2022
Steve Aragon	Supv, System Ops Training	4/8/2022
Susana Thorne	Business Continuity Program Mg	4/8/2022
Timothy Schneider	Safety Specialist Sr.	4/8/2022
Todd Mullen	Supv, Tran System District	4/8/2022
Travis Shepherd	Supv, Transmission System Ops	4/8/2022
Wes Symank	Ops & Business Analyst Lead	4/8/2022

Attendance List for Transmission Services Incident Management Team Meeting February 10, 2022

Total Number of Participants	44
Meeting Title	TSC Incident Managment Team Meeting
Meeting Start Time	2/10/2022

<u>Full Name</u>	<u>Title</u>	<u>Join Time</u>	<u>Role</u>
Omar Reyes	Trans Sys Operator Sr	2/10/2022	Presenter
Matt Holland	Dir, Line and Sub Ops	2/10/2022	Presenter
Clayton Kelly	Trans System Operator	2/10/2022	Presenter
Jonathan Taylor	Trans Resilience Program Mgr	2/10/2022	Presenter
Gary Teeler	Mgr, Public Safety Support	2/10/2022	Presenter
Susana Thorne	Business Continuity Program Mg	2/10/2022	Presenter
Dan Smith	VP, Transmission System Ops	2/10/2022	Presenter
Justin Gibson	Mgr, Sys Ops Control Center	2/10/2022	Presenter
Mitch Hibbs	Dir, Business Continuity	2/10/2022	Presenter
Brian Kunz	Operations Improvement Coord	2/10/2022	Organizer
Kyle Kramer	Supv, Tran System District	2/10/2022	Presenter
Stacy Moore	Emergency Management Coord	2/10/2022	Presenter
Donnie Becka	Supv, Telecom Systems	2/10/2022	Presenter
Bob Rose	Chief Meteorologist	2/10/2022	Presenter
Chris Phillips	Mgr, Telecom Systems	2/10/2022	Presenter
Gil Martinez	Supv, TOCC Operations	2/10/2022	Presenter
Peter Lewis	Mgr, Engineering	2/10/2022	Presenter
Laura Guillory	Dir, Supply Chain	2/10/2022	Presenter
Giovanni Recine	Cybersecurity Program Manager	2/10/2022	Presenter
Deb Beard	Dir, Supply Chain	2/10/2022	Presenter
Sergio Garza	VP, Trans Design & Protection	2/10/2022	Presenter
Jonathan Greene	Sr VP, Transmission Ops	2/10/2022	Presenter
Brian Allen	Engineering Associate III	2/10/2022	Presenter
Pete Zepeda	Dir, Engineering	2/10/2022	Presenter
Adam Moore	Dir, Tran Contract Const Mgmt	2/10/2022	Presenter
Sarah Howard	Sr Dir, Communications	2/10/2022	Presenter
Casey Acker	Dir, Transmission Const Svcs	2/10/2022	Presenter
Luke Adair	Mgr, System Controls	2/10/2022	Presenter
Kristian Koellner	VP, Trans Asset Optimization	2/10/2022	Presenter
Wes Symank	Ops & Business Analyst Lead	2/10/2022	Presenter
Stacy Talbert	Supv, Safety	2/10/2022	Presenter
Sam Woolard	VP, Trans Const & Maintenance	2/10/2022	Presenter
Daniel Marr	Dir, SOCC Operations	2/10/2022	Presenter
Sam Perine	Supv, Tran System District	2/10/2022	Presenter
Miguel Nunez	Dir, Fleet Operations	2/10/2022	Presenter
Clara Tuma	Public Information Officer	2/10/2022	Presenter
Joshua Cole	VP, Business Performance	2/10/2022	Presenter
Mace Royston	Dir, Telecomm Systems	2/10/2022	Presenter
Geoff Myers	Supv, Telecom Systems	2/10/2022	Presenter

Perry Ball	Trans Sys Operator Sr	2/10/2022	Presenter
Eric Salik	Mgr, Logistics	2/10/2022	Presenter
Nayana Phadke	Dir, SOCC Systems	2/10/2022	Presenter
Robert Saddler	Dir, Telecomm Systems	2/10/2022	Presenter
Jason Ervin	VP, Telecom Ops & Maintenance	2/10/2022	Presenter

**§25.53(c)(4)(C) An affidavit from the entity's
highest-ranking representative, official, or officer
with binding authority over the entity**

Attachment B


AFFIDAVIT OF PHIL WILSON

STATE OF TEXAS §
 §
COUNTY OF TRAVIS §

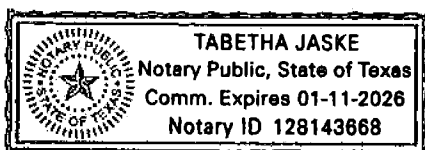
BEFORE ME, the undersigned authority, on this day personally appeared Phil Wilson, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

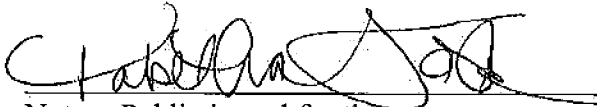
“My name is Phil Wilson. I am over eighteen years of age and am competent to make this Affidavit. I am the General Manager for the Lower Colorado River Authority (LCRA). I am also the President and Chief Executive Officer for LCRA Transmission Services Corporation (LCRA TSC). The facts contained herein are true and correct to the best of my knowledge and belief:

- (i) Relevant operating personnel are familiar with and have received training on the applicable contents and execution of the EOP, and such personnel are instructed to follow the applicable portions of the EOP except to the extent deviations are appropriate as a result of specific circumstances during the course of an emergency.
- (ii) The EOP has been reviewed and approved by the appropriate executives.
- (iii) Drills have been conducted to the extent required by 16 TAC § 25.53(f). However, the drills that LCRA TSC has conducted as of the date of this affidavit preceded the revisions to 16 TAC § 25.53, including the revised notice requirements in 16 TAC § 25.53(f). As of the date of this affidavit, LCRA TSC has provided 30 days’ notice of its next drill to commission staff in accordance with new 16 TAC § 25.53(f).
- (iv) LCRA maintains a business continuity plan that address returning to normal operations after disruptions caused by an incident.
- (v) LCRA’s emergency management personnel who are designated to interact with local, state, and federal emergency management officials during emergency events have received the latest IS-100, IS-200, IS-700, and IS-800 National Incident Management System training.”


AFFIANT: Phil Wilson

SWORN TO AND SUBSCRIBED BEFORE ME this 18 day of April, 2022.




Notary Public in and for the
State of Texas