WELCOME

LCRA Transmission Services Corporation

OPEN HOUSE
ABOUT LCRA TSC

LCRA Transmission Services Corporation (LCRA TSC) is a nonprofit utility that provides safe, reliable and environmentally responsible electric transmission services in Texas. LCRA TSC’s transmission lines and substations play a vital role in the transmission of electricity between power generation plants and local electric service providers.

- LCRA TSC’s facilities include approximately 5,200 miles of transmission lines and approximately 400 substations.
- LCRA TSC facilities connect to electric generators and other transmission providers to transmit more than 8,750 megawatts of electricity to municipal utilities, electric cooperatives and other electric distribution service providers within Texas.
- The electricity LCRA TSC transmits is delivered by local distribution service providers to homes and businesses to meet the energy needs of Texas’ growing population.
- LCRA TSC is regulated by the Public Utility Commission of Texas and pays sales and property taxes on facilities it owns.

LCRA Transmission Services Corporation

LCRA TSC is a nonprofit corporation owned and operated by the Lower Colorado River Authority.
COOKS POINT TRANSMISSION PROJECT

• This project will add transmission infrastructure to serve the long-term electric reliability needs of residents and businesses in Burleson County.

• LCRA TSC is proposing to construct and operate:
  – A new load-serving substation near Cooks Point.
  – 15-20 miles of new 138-kV transmission line within Burleson County, connecting either the existing Lyle Wolz Substation or Lyons Substation to the new Cooks Point Substation.

• Based on system studies, the current electric system will be unable to reliably meet the area’s forecasted demand for power by 2021 without this project.

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PUBLIC UTILITY COMMISSION CERTIFICATION PROCESS

LCRA TSC Defines Project
• Conduct research and review studies to determine need.
• Identify needed facilities and end points of the project.

LCRA TSC Conducts Environmental Assessment and Routing Analysis
• Establish study area based on project definition.
• Gather data about study area and map environmental and land use constraints in study area.
• Determine preliminary transmission line segments.
• **Hold open house to gather public input.**
• Analyze data and feedback from the public to develop primary transmission line routes, including multiple alternatives.
• Prepare an Environmental Assessment Report.

LCRA TSC Applies for CCN Amendment
• Submit application to the Public Utility Commission of Texas (PUC) to amend LCRA TSC’s Certificate of Convenience and Necessity (CCN).
• Send notices to landowners whose properties may be crossed or who own a habitable structure within 300 feet of route alternatives at the time CCN application is filed.
• Send notices to municipalities and electric utilities within five miles of the project and to local government entities where the project will potentially be located.

Public Participation
• After the CCN application is filed, people who are potentially impacted by the project have an opportunity to participate in the application proceeding at the PUC by filing a request to participate (intervene) within 45 days.
• If no parties intervene in the proceeding, the PUC staff conducts a review and issues a recommendation to the PUC.
• If parties have intervened in the proceeding, testimony may be filed, an administrative hearing may be held, and an administrative law judge will prepare a recommendation to the PUC regarding the application.

PUC Decision
• Within 12 months of the CCN application filing, the PUC will approve or deny the application, or approve it with modifications.
• PUC approval directs LCRA TSC to build the new Cooks Point Substation and transmission line along the route selected by the PUC.
Public Utility Commission of Texas Issues Final Order

LCRA TSC contacts landowners to arrange property access to conduct one or more of the following:
- Property survey
- Environmental/cultural resources survey
- Engineering site visits
- Geotechnical testing and soil boring

Value of property is determined through an independent appraisal or available market data.

LCRA TSC provides landowner with an offer letter, appraisal/compensation summary and copy of the State’s Landowner’s Bill of Rights.

LCRA TSC works with landowners to reach an agreement for acquisition of the necessary easement.

- **Agreement reached:**
  LCRA TSC pays landowner and enters into easement agreement.

- **Agreement not reached:**
  LCRA TSC initiates eminent domain process as described in the Landowner’s Bill of Rights.
LCRA TSC purchases easements and maintains these rights of way for safety and the long-term reliability of the transmission line.

Compatible Vegetation and Structures for Transmission Rights of Way

Tree canopies should NOT extend under the transmission lines.

LCRA TSC follows appropriate clearing requirements and guidelines.
Electric and magnetic fields (EMF) surround all electrical appliances and devices. When electricity is generated, transmitted or consumed, EMF are produced.

Common sources of EMF are home and workplace electrical appliances and power lines.

The EMF levels from transmission lines and substations decrease rapidly with distance from the transmission line or substation.

For more information on EMF, see the National Institute of Environmental Health Sciences’ website.
Typical Height
75 to 110 feet

Typical Easement Width
80 to 100 feet

Structure Material
Steel or Concrete

Example

LCRA Transmission Services Corporation
LCRA TSC is a nonprofit corporation owned and operated by the Lower Colorado River Authority.
LCRA TSC is proposing to build a new 138-kV load-serving substation near Cooks Point.

- LCRA TSC designs, constructs and operates open-air substations that adhere to industry safety and technical guidelines and requirements.
- The footprint of the proposed Cooks Point Substation is five to seven acres.
- The tallest structure within the substation facility will be about 50 feet.
- Four alternative substation sites have been identified based on load-serving capability, land requirements, environmental/land use considerations, local area benefits, cost effectiveness and accessibility.
- The final location of the Cooks Point Substation will be selected by the Public Utility Commission of Texas.
The following items must be considered and mapped when developing possible routing alternatives:

1. **Habitable Structures**
   Single-family and multi-family dwellings and related structures, mobile homes, apartment buildings, commercial structures, industrial structures, business structures, churches, hospitals, nursing homes, schools or other structures normally inhabited by humans or intended to be inhabited by humans on a daily or regular basis within 300 feet of the center line of a proposed transmission line.

2. **Electronic Installations**
   Commercial AM radio transmitters located within 10,000 feet of the center line of a proposed transmission line and all FM radio transmitters, microwave relay stations, or other similar electronic installations located within 2,000 feet of the center line of a proposed transmission line.

3. **Airstrips**
   All private airstrips within 10,000 feet of the center line of a proposed transmission line; all airports registered with the Federal Aviation Administration (FAA) with at least one runway more than 3,200 feet in length located within 20,000 feet of the center line of a proposed transmission line; all listed airports registered with the FAA having no runway more than 3,200 feet in length located within 10,000 feet of the center line of a proposed transmission line; all heliports located within 5,000 feet of the center line of a proposed transmission line.

4. **Irrigation Systems**
   Any pasture or cropland irrigated by traveling irrigation systems (rolling or pivot type) that would be traversed by a proposed transmission line.

5. **Parks and Recreation Areas**
   Parks and recreation areas owned by a governmental body or an organized group, club or church located within 1,000 feet of the center line of a proposed transmission line.

6. **Historical and Archeological Sites**
   Historical and archeological sites known to be within 1,000 feet of the center line of a proposed transmission line.

7. **Environmental Impact**
   a. Any portion(s) of the project falling within the Coastal Management Boundary, Coastal Management Program, seaward of the coastal facilities designation line; any coastal natural resources impacted by any part of a proposed transmission line.
   b. Sensitive environmental areas and the location(s) of protected or endangered species.
   c. Environmental resources within the study area of a proposed transmission line including hydrology (tributaries, streams, rivers, lakes, wetlands); floodplains, tree cover; land uses.
OUTREACH AND COORDINATION

LCRA TSC seeks input from the following:

Local Agencies/Governments/Organizations

Burleson County
- County Judge
- County Commissioner Precinct 1
- County Commissioner Precinct 2
- County Commissioner Precinct 3
- County Commissioner Precinct 4
- Burleson County Chamber of Commerce
- Burleson County Farm Bureau
- Burleson County Historical Commission

City of Caldwell
- Mayor
- Mayor Pro Tem
- City Administrator
- City Councilmembers
- Caldwell Independent School District
- City of Caldwell Hispanic Chamber of Commerce
- Caldwell Municipal Airport

Utilities
- City of Caldwell Utilities
- Bluebonnet Electric Cooperative
- Bryan Texas Utilities
- Entergy Texas, Inc.

State and Regional Agencies/Government

Brazos River Authority
Brazos Valley Council of Governments
Railroad Commission of Texas
Texas Commission on Environmental Quality
Texas Archeological Research Laboratory
Texas Department of Transportation, Aviation Division
Texas Department of Transportation, Austin District
Texas Department of Transportation, Bryan District

Texas Department of Transportation, Environmental Affairs
Texas General Land Office
Texas Historical Commission
Texas Office of Public Utility Counsel
Texas Parks and Wildlife Department
Texas Water Development Board
Texas House of Representatives, Rep. Leighton Schubert
Texas Senate, Sen. Lois Kolkhorst

Federal Agencies/Government

U.S. Senate, Sen. Ted Cruz
U.S. Senate, Sen. John Cornyn
Federal Aviation Administration – Southwest Region
Federal Emergency Management Agency
Natural Resources Conservation Service

U.S. Army Corps of Engineers – Fort Worth District
U.S. Department of Agriculture
U.S. Department of Defense
U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service