Ms. Dianna F. Noble Director, Environmental Affairs Texas Department of Transportation 125 E. 11th Street Austin, TX 78701-2483

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Ms. Noble:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

Burns & McDonnell is requesting your assistance identifying the human and natural resources in the study area regarding any routing constraints or opportunities within the area. Routing constraints include those areas or resources which may not be compatible with transmission line construction, such as airports, protected species habitat, or dense residential areas. Routing opportunities include such things as previously disturbed areas, industrial corridors, and existing utility rights-of-way. Your input on any of the following resources will assist the project team in developing preliminary alternative routes that take advantage of opportunities while minimizing potential environmental and land use impacts.

Specifically, we are requesting that your office provide information regarding any environmental or land use constraints associated with current or proposed transportation projects, or any other areas of concern to the Texas Department of Transportation by March 1, 2013. The information we collect will be used to assist Entergy in developing its application before the Public Utility Commission of Texas to seek a Certificate of Convenience and Necessity for this project. We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP

Project Manager

Mr. Richard Brown Montgomery Area Texas Department of Transportation 1033 E. Orange Angelton, TX 77515

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Brown:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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Sincerely,

Tony Bassak, AICP, GISP

Project Manager

Mr. David Stephens Grimes Area Texas Department of Transportation 580 IH 45 N Huntsville, TX 77320

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Stephens:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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Sincerely,

Tony Bassak, AICP, GISP

Project Manager



P.O. BOX 1386 • HOUSTON, TEXAS 77251-1386 • (713) 802-5000

February 14, 2013

CONTACT: MAE

Mr. Tony Bassak, AICP, GISP Project Manager Burns & McDonnell 1700 West Loop South, Suite 300 Houston, Texas 77027

Dear Mr. Bassak:

In response to your letter of February 5, 2013, the Texas Department of Transportation (TxDOT) Montgomery Area Office must refer your request to the Houston District Office for further review.

Please refer to the Texas Administrative Code; Title 43, Part 1, Chapter 21, Sub Chapter C. Rule 21.41 for directions on how this utility should cross the State Highway Right of Way. Due to the vast area of your request several offices at the District level may need to review and comment. As a large area of your request is in Grimes County, this request should also be made to the Bryan District Office.

If you should have further need of assistance, please contact Mr. Leonard Polk, P.E. at (713) 802-5554, or you may write Mr. Polk at 7600 Washington Avenue Houston, Texas 77007.

Sincerely,

Richard L. Brown, P.E.

Redard Som, Pe

Houston District

Area Engineer

cc: Leonard Polk, P.E.

RG:jb

THE TEXAS PLAN

Mr. David Fulton
Director of Aviation
Texas Department of Transportation
125 E. 11th Street
Austin, TX 78701-2483

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Fulton:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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Sincerely,

Tony Bassak, AICP, GISP

Project Manager

AVIATION DIVISION 125 E. 11TH STREET • AUSTIN, TEXAS 78701-2483 • 512/416-4500 • FAX 512/416-4510

Mr.Tony Bassak Burns & McDonald 15950 North Dallas Parkway Suite 700 Dallas, Texas 75248

February 13, 2013

Dear Mr. Bassak:

I received your letter dated February 11, 2013 concerning BMcD project number 71136.

Title 14, US Code, Part 77 of the Federal Aviation Administration's (FAA) Federal Aviation Regulations (FAR) requires notice to the FAA if the facility to be constructed fits either of the below listed conditions:

77.9 (b) 100 to 1 for a horizontal distance of 20,000 feet from the nearest point of the nearest runway of each airport specified in paragraph (a)(5) of this section with its longest runway greater than 3,200 feet in actual length, excluding heliports. (ii) 50 to 1 for a horizontal distance of 10,000 feet from the nearest point of the nearest runway of each airport specified in paragraph (a)(5) of this section with its longest runway no more than 3,200 feet in actual length, excluding heliports.

77.9 (a) Any construction or alteration of more than 200' above the surface of the ground at its location

77.9 (2) Any air navigation facility, airport visual approach or landing aid, aircraft arresting device, or meteorological device meeting FAA-approved siting criteria or an appropriate military service siting criteria on military airports, the location and height of which are fixed by its functional purpose;

There are two public use airports in or near the study area. Lone Star Executive (CXO) at airport reference point 30-21-08.5000N / 095-24-52.3000W. The longest runway is 6,000 feet in length. Navasota Municipal (60R) at airport reference point 30-22-01.7000N / 096-06-46.6000W. The single runway is 5003 feet in length. A federal air navigation aid, the Navasota VHF Omnidirectional Range & Tactical Aid to Navigation (VORTAC) is at location 30-17-18.695N / 096-03-29.664W. There are no separate public use heliports in or near the study area.

THE TEXAS PLAN

# Burns & McDonald February 13, 2013 Page two

If the criterion of any of the above part FAR 77.9 rules are met by the proposed routing, the FAA must be notified in four copies using FAA Form 7460-1, "Notice of Proposed

Construction or Alteration". This form, supporting documents, and how to file electronically are available at http://oeaaa.faa.gov

Compliance

Mr. Bill O'Hara Director of Surveying Texas General Land Office 1700 North Congress Ave. Austin, TX 78701

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. O'Hara:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

Burns & McDonnell is requesting your assistance identifying the human and natural resources in the study area regarding any routing constraints or opportunities within the area. Routing constraints include those areas or resources which may not be compatible with transmission line construction, such as airports, protected species habitat, or dense residential areas. Routing opportunities include such things as previously disturbed areas, industrial corridors, and existing utility rights-of-way. Your input on any of the following resources will assist the project team in developing preliminary alternative routes that take advantage of opportunities while minimizing potential environmental and land use impacts.

Specifically, we are requesting that your office provide information regarding any environmental and land use constraints associated with state owned land, or any other areas of concern to the Texas General Land Office by March 1, 2013. The information we collect will be used to assist Entergy in developing its application before the Public Utility Commission of Texas to seek a Certificate of Convenience and Necessity for this project. We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP Project Manager

Mr. Hal Croft Asset Management Texas General Land Office 1700 North Congress Ave., Suite 840 Austin, TX 78701

Request for Information

Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Croft:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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Sincerely,

Tony Bassak, AICP, GISP Project Manager

Mr. Robert J. Siddall
Director of Inventory & Disposition
Texas General Land Office
P.O. Box 12873
Austin, TX 78711-2873

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Siddall:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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Specifically, we are requesting that your office provide information regarding any environmental and land use constraints associated with state owned land, or any other areas of concern to the Texas General Land Office by March 1, 2013. The information we collect will be used to assist Entergy in developing its application before the Public Utility Commission of Texas to seek a Certificate of Convenience and Necessity for this project. We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP Project Manager

Mr. F. Lawrence Oaks Executive Director Texas Historical Commission P.O. Box 12276 Austin, TX 78711-2276

Request for Information

Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Oaks:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

Burns & McDonnell is requesting your assistance identifying the human and natural resources in the study area regarding any routing constraints or opportunities within the area. Routing constraints include those areas or resources which may not be compatible with transmission line construction, such as airports, protected species habitat, or dense residential areas. Routing opportunities include such things as previously disturbed areas, industrial corridors, and existing utility rights-of-way. Your input on any of the following resources will assist the project team in developing preliminary alternative routes that take advantage of opportunities while minimizing potential environmental and land use impacts.

Specifically, we are requesting that your office provide information regarding any environmental or land use constraints associated with any known or recorded cultural resources within the project area, or any other areas of concern to the Texas Historical Commission by March 1, 2013. The information we collect will be used to assist Entergy in developing its application before the Public Utility Commission of Texas to seek a Certificate of Convenience and Necessity for this project. We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP

Project Manager

# TEXAS HISTORICAL COMMISSION

real places telling real stories

March 5, 2013

Tony Bassak Burns & McDonnell 15950 N. Dallas Parkway Tower II, Suite 700 Dallas, Texas 75248

Re: Project review under Section 106 of the National Historic Preservation Act of 1966, Cultural Resources Survey Needed, for Proposed Ponderosa to Grimes 230kV Transmission Line Project in Grimes and Montgomery County, Texas (PUC) (THC Track #201304834)

Dear Mr. Bassak:

Thank you for the correspondence concerning the above referenced project. This letter serves as comment on the proposed undertaking from the State Historic Preservation Officer, the Executive Director of the Texas Historical Commission.

The review staff, led by Marie Archambeault, has examined our records. Numerous known archeological sites, historic cemeteries, historic markers, Registered Texas Historic Landmarks, and a National Register District are located within the study area for this project. Additionally, the entire study area has not been surveyed by a professional archeologist and additional, unknown archeological sites or historic structures may exist. We recommend that you hire a professional archeologist to help identify a right-of-way that will avoid impacts to known sites. We further recommend that once a proposed transmission line route has been selected that it be surveyed to identify historic properties that may be adversely affected by this development, in compliance with 36 CFR 800. Additionally, if any buildings or structures 45 years old or older are located on or adjacent to the project area, please provide construction dates and photographs of each in the report.

The work should meet the minimum archeological survey standards posted online at <a href="www.thc.state.tx.us">www.thc.state.tx.us</a>. A report of investigations should be produced in conformance with the Secretary of Interior's Guidelines for Archaeology and Historic Preservation, and submitted to this office for review. Shapefiles showing the boundaries of the project area and the areas actually surveyed should be submitted via email to <a href="archeological\_projects@thc.state.tx.us">archeological\_projects@thc.state.tx.us</a>. Lists of qualified archeologists in Texas can be found online at: <a href="https://www.counciloftexasarcheologists.org">www.rpanet.org</a>. Please note that other potentially qualified archeologists not included on these lists may be used. If the survey is being performed on public land or within a public easement, an Antiquities Permit must be secured from our office before field work may begin.

Thank you for your cooperation in this review process, and for your efforts to preserve the irreplaceable heritage of Texas. If you have any questions please contact Marie Archambeault by phone at 512.463.6043, or by email at <a href="mailto:marie.archambeault@thc.state.tx.us">marie.archambeault@thc.state.tx.us</a>.

Sincerely,

for Mark Wolfe

State Historic Preservation Officer

MW/ma



Ms. Kathy Boydston Program Supervisor Texas Parks and Wildlife Department 4200 Smith School Road Austin, TX 78744-3291

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Ms. Boydston:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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Specifically, we are requesting that your office provide information regarding any permits associated with threatened or endangered species, wetlands, or any other areas of concern to the Texas Parks and Wildlife Department by March 1, 2013. The information we collect will be used to assist Entergy in developing its application before the Public Utility Commission of Texas to seek a Certificate of Convenience and Necessity for this project. We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP Project Manager



April 8, 2013

### Life's better outside."

Mr. Tony Bassak Burns & McDonnell

Commissioners

1700 West Loop South, Suite 300

T. Dan Friedkin Chairman Houston

15950 N. Dallas Parkway, Tower II, Suite 700 Dallas, Texas 75248

Raiph H. Duggins Vice-Chairman Fort Worth

RE:

Ponderosa to Grimes 230-kV transmission line project, Grimes and Montgomery Counties.

Antonio Falcon, M.D. Rio Grande City

Dear Mr. Bassak:

Karen J. Hixon

Texas Parks and Wildlife Department (TPWD) received the preliminary information request regarding the above-referenced proposed transmission line project. TPWD staff has reviewed the information provided and offers the following comments concerning this project.

Dan Allen Hughes, Jr.

Bill Jones Austin

Margaret Martin Boerne

S. Reed Morian Houston

> Dick Scott Wimberley

Lee M. Bass Chairman-Emeritus Fort Worth Please be aware that a written response to a TPWD recommendation or informational comment received by a state governmental agency may be required by state law. For further guidance, see the Texas Parks and Wildlife Code, Section 12.0011, which can be found online at <a href="http://www.statutes.legis.state.tx.us/Docs/PW/htm/PW.12.htm#12.0011">http://www.statutes.legis.state.tx.us/Docs/PW/htm/PW.12.htm#12.0011</a>. For tracking purposes, please refer to TPWD project number ERCS-4811 in any return correspondence regarding this project.

### Carter P. Smith **Executive Director**

### **Project Description**

Entergy Texas, Inc. (ETI) is proposing to construct a new electric transmission line in Grimes and Montgomery Counties, Texas. ETI is specifically proposing to construct one 230-kV transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe in Montgomery County to the existing Grimes Substation near Shiro, in Grimes County. The project description provided does not indicate a project length or proposed alternatives.

### **Pre-Construction Recommendations**

Federal Laws

Endangered Species Act (ESA)

Federally-listed animal species and their habitat are protected from "take" on any property by the ESA. Take of a federally-listed species can be allowed if it is "incidental" to an otherwise lawful activity and must be permitted in accordance with Section 7 or 10 of the Federally-listed plants are not protected from take except on lands under federal/state jurisdiction or for which a federal/state nexus (i.e., permits or funding) exists.

4200 SMITH SCHOOL ROAD **AUSTIN, TEXAS 78744-3291** 512,389,4800 www.tpwd.state.tx.us

To manage and conserve the natural and cultural resources of Texas and to provide hunting, fishing and outdoor recreation opportunities for the use and enjoyment of present and future generations.

A - 41

Mr. Tony Bassak April 8, 2013 Page 2 of 7

Any take of a federally listed species/ or its habitat without the required take permit (or allowance) from the U.S. Fish and Wildlife Service (USFWS) is a violation of the ESA.

**Recommendation:** TPWD recommends that if rare species or their habitat would be impacted by the proposed project, the applicant should coordinate with TPWD and the USFWS, as appropriate, to determine avoidance, minimization, and mitigation strategies.

Migratory Bird Treaty Act (MBTA)

The Migratory Bird Treaty Act (MBTA) prohibits taking, attempting to take, capturing, killing, selling/purchasing, possessing, transporting, and importing of migratory birds, their eggs, parts and nests, except when specifically authorized by the Department of the Interior. This protection applies to most native bird species, including ground nesting species. The USFWS office can be contacted at (505) 248-7882 for more information on potential impacts to migratory birds.

**Recommendation:** TPWD recommends vegetation clearing or trampling be scheduled to occur outside of the March to August nesting season. If this is not feasible and clearing must occur within the nesting season, vegetation should be surveyed for nests prior to construction. If nests are observed during surveys, an area of buffer vegetation at least 25 feet in all directions should remain around the nest until the eggs have hatched and the young have fledged or the nest is abandoned. If there are abandoned nests in the area they should be removed prior to construction to prevent reoccupation.

In addition, since raptors nest in late winter and early spring, all construction activities as identified above should be excluded from a minimum zone of 100 meters around any raptor nest during the period of February 1- July 15. Please contact the USFWS at the number listed above for further information

Please note that birds typically establish flight corridors along and within river and creek drainages, and these systems are important habitat features used by a host of wildlife species, including large numbers of waterfowl and predator species. There is potential for electrocution and collision of large-bodied avian species and avian predators with electrical wires near these systems. Direct loss to wildlife from collisions with wires or from electrocution may be less significant than the potential for disease created by decomposition after these fatalities. Indirect adverse impacts imposed by these collisions and subsequent decomposition of animal tissue within a water regime significantly contributes to the concentration of botulism bacteria that is highly toxic and often fatal to wildlife.

Recommendation: TPWD recommends that lines that cross or are located near creeks, and drainages should have line markers installed at the crossings or closest

Mr. Tony Bassak April 8, 2013 Page 3 of 7

points to the drainages to reduce potential collisions by birds flying along or near the drainages.

For additional information, please see the guidelines published by USFWS and the Avian Power Lines Interaction Committee (APLIC) in the updated state-of-the-art guidance document *Reducing Avian Collisions with Power Lines: State of the Art in 2012*. This manual, released on December 20, 2012, identifies best practices and provides specific guidance to help electric utilities and cooperatives reduce bird collisions with power lines. A companion document, *Suggested Practices for Avian Protection on Power Lines*, was published by APLIC and the USFWS in 2006. For more information on both documents, please visit <a href="https://www.aplic.org">www.aplic.org</a>.

If migratory bird species are found nesting on or adjacent to the project area, they must be dealt with in a manner consistent with the MBTA.

## Wetland Impacts

The Clean Water Act (CWA) sets the basic regulatory framework for regulating discharges of pollutants to U.S. waters. Section 404 of the CWA establishes a federal program to regulate the discharge of dredged and fill material into waters of the U.S., including wetlands. The U.S. Army Corps of Engineers (USACE) and the Environmental Protection Agency (EPA) are responsible for making jurisdictional determinations and regulating wetlands under Section 404 of the CWA. The USACE also makes jurisdictional determinations under Section 10 of the Rivers and Harbors Act of 1899.

**Recommendation:** TPWD recommends avoiding adverse impacts to the wetlands in the project area to the extent feasible. Unavoidable impacts to these sensitive features should be mitigated by compensating for the loss of wetland habitat.

Recommendation: If the proposed project would impact waterways or associated wetlands, TPWD recommends ETI consult with the USACE for potential impacts to waters of the U.S. including jurisdictional determinations, delineations, and mitigation. All waterways and associated floodplains, riparian corridors, and wetlands provide valuable wildlife habitat and should be protected to the maximum extent possible. Natural buffers contiguous to any wetlands or aquatic systems should remain undisturbed to preserve wildlife cover, food sources, and travel corridors. During construction, trucks and equipment should use existing bridge or culvert structures to cross creeks. Destruction of inert microhabitats in waterways such as snags, brush piles, fallen logs, creek banks, pools, and gravel stream bottoms should be avoided, as these provide habitat for a variety of fish and wildlife species and their food sources. Erosion controls and sediment runoff control measures should be installed prior to construction and maintained until disturbed areas are permanently revegetated using site specific native vegetation. Measures should be properly installed in order to effectively minimize the amount of sediment and other debris entering the waterway.

Mr. Tony Bassak April 8, 2013 Page 4 of 7

Recommendation: TPWD recommends using existing facilities whenever possible. Where new construction is the only feasible option, TPWD recommends routing new transmission lines along existing roads, pipelines, transmission lines, or other utility right-of-ways (ROW) and easements to reduce habitat fragmentation. By utilizing existing utility corridors, county roads and highway ROWs, adverse impacts to fish and wildlife resources would be mitigated by avoiding and/or minimizing the impacts to undisturbed habitats. Please see the attached TPWD Recommendations for Electrical Transmission/Distribution Line Design and Construction. Please review the recommendations and incorporate these measures into design and construction plans.

## Construction Recommendations

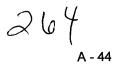
State Law

Ecologically Significant Stream Segments

TPWD has identified Ecologically Significant Stream Segments (ESSSs) throughout the state to assist regional water planning groups in identifying ecologically unique stream segments under Texas Administrative Code Title 31 357.8. Until approved by the legislature this is not a legal designation. The stream segments are identified through extensive review by TPWD staff and are determined to be ecologically important due to one or more of the following criteria: biological function; hydrologic function; riparian conservation areas; high water quality/exceptional aquatic life/high aesthetic value; or threatened or endangered species/unique communities. Additional information on ESSS may be found at <a href="http://www.tpwd.state.tx.us/landwater/water/environconcerns/water-quality/sigsegs/">http://www.tpwd.state.tx.us/landwater/water/environconcerns/water-quality/sigsegs/</a>.

The proposed project area includes ESSS Lake Creek.

Recommendation: If ground or water disturbing activities are to occur in or near an ESSS, every effort should be undertaken to preserve the biological, hydrological, aquatic life and aesthetic qualities that support the ESSS. Best management practices to avoid erosion, sedimentation, turbidity, stream bank, stream bed and vegetative disturbance should be developed and implemented to the greatest extent practicable. Such measures would include strict adherence to the Texas Commission on Environmental Quality Section 401 CWA Water Quality Certification, the Section 402 CWA Storm Water Pollution Prevention Plan and the USACE Nationwide 14 Permit terms and conditions for mitigation, erosion and sediment control during the construction phase. Those measures include: use of double silt fencing in construction areas near creek drainages, avoiding clearing of stream bank and in-stream native vegetation, phasing work during dry periods, minimizing any stream bed disturbance and siting equipment storage areas well outside of the catchment area of the ESSS.



Mr. Tony Bassak April 8, 2013 Page 5 of 7

Parks and Wildlife Code, Section 68.015

Section 68.015 of the Parks and Wildlife Code regulates state listed species. Please note that there is no provision for take (incidental or otherwise) of state-listed species. A copy of *TPWD Guidelines for Protection of State-Listed Species*, which includes a list of penalties for take of state-listed species, is attached for your reference. State-listed species may only be handled by persons with a scientific collection permit obtained through TPWD. For more information on this permit, please contact the Wildlife Permits Office at (512) 389-4647.

**Recommendation:** TPWD recommends ETI survey potentially disturbed areas for state listed species habitat prior to construction. If suitable habitat for species is observed in the area, disturbance of the habitat should be avoided to the extent feasible.

#### Rare Resources

Determining the actual presence of a species in a given area depends on many variables including daily and seasonal activity cycles, environmental activity cues, preferred habitat, transiency and population density (both wildlife and human). The absence of a species can be demonstrated only with great difficulty and then only with repeated negative observations, taking into account all the variable factors contributing to the lack of detectable presence.

The Texas Natural Diversity Database (TXNDD) is intended to assist users in avoiding harm to rare species or significant ecological features. Given the small proportion of public versus private land in Texas, the TXNDD does not include a representative inventory of rare resources in the state. Absence of information in the database does not imply that a species is absent from that area. Although it is based on the best data available to TPWD regarding rare species, the data from the TXNDD do not provide a definitive statement as to the presences, absence or condition of special species, natural communities, or other significant features within your project area. These data are not inclusive and cannot be used as presence/absence data. They represent species that could potentially be in your project area. This information cannot be substituted for onthe-ground surveys. The TXNDD is updated continuously based on new, updated and undigitized records; for questions regarding record, please contact txndd@tpwd.state.tx.us.

The following occurrences of rare and protected species within project boundaries were documented:

Federal and State Listed Endangered
Red-cockaded Woodpecker (*Picoides borealis*)
Navasota ladies'-tresses (*Spiranthes parksii*)

Mr. Tony Bassak April 8, 2013 Page 6 of 7

Federal Delisted and State Listed Threatened Bald Eagle (Haliaeetus leucocephalus)

Natural Communities and Special Features
Colonial Waterbird Rookery
Overcup Oak Series (Quercus lyrata Series)
Loblolly pine- Post oak- Blackjack Oak- Farkelberry Series (Pinus taeda- Quercus stellata- Quercus marilandica- Vaccinium arboretum)

### **Bald Eagle**

Please note that, although the Bald Eagle is no longer federally listed threatened, this species remains state-listed threatened and receives protection under the U.S. Bald and Golden Eagle Protection Act. Under this act eagles are protected from disturbance which is defined as: "To agitate or bother a bold or golden eagle to a degree that causes, or is likely to cause, based on the best scientific information available: 1) injury to an eagle, 2) a decrease in its productivity, by substantially interfering with normal breeding, feeding, or sheltering behavior, or 3) nest abandonment, by substantially interfering with normal breeding, feeding, or sheltering behavior."

This definition also covers impacts that result from human-caused alterations initiated around a previously used nest site during a time when eagles are not present. This also applies to situations where the alterations may prevent eagles from returning to a nest site. This definition is also applicable when the alterations agitate or bother an eagle to a degree that injures an eagle or substantially interferes with normal breeding, feeding or sheltering habits and causes or is likely to cause a loss of productivity or nest abandonment.

Guidelines for minimizing disturbance to both nesting and wintering Bald Eagles can be found at <a href="http://www.tpwd.state.tx.us/publications/pwdpubs/media/pwd\_bk\_w7000\_0013\_bald\_eagle\_mgmt.pdf">http://www.tpwd.state.tx.us/publications/pwdpubs/media/pwd\_bk\_w7000\_0013\_bald\_eagle\_mgmt.pdf</a> .

# Mitigation for Regulated and Unregulated Resources

TPWD recommends ETI prepare a mitigation plan to provide compensatory mitigation for those habitats where impacts from the transmission line cannot be avoided or minimized. This would include impacts to species and habitats covered under federal law (wetlands and associated habitats, threatened or endangered species) and state resource habitat types not covered by state or federal law (riparian areas, native prairies). At a minimum, TPWD recommends a replacement ratio of 1:1 for state resource habitat types.

Mitigation plans can be developed after the selection of a route, when the acres of impact and the value of impacted habitats can be evaluated on-the-ground. However, mitigation costs and opportunities should be considered when selecting a route. Impact to federally-

Mr. Tony Bassak April 8, 2013 Page 7 of 7

listed species and their habitats will need to be coordinated with the USFWS, and impact to wetlands will need to be coordinated with the USACE.

Please provide a copy of the Environmental Assessment (EA) to TPWD for review and comment prior to application to the PUC for a CCN. I appreciate the opportunity to provide preliminary input on potential impacts related to this project, and I look forward to reviewing the EA. If you have any questions, please contact me at (361) 576-0022.

Sincerely,

Amy Turner, Ph.D.

Wildlife Habitat Assessment Program

Wildlife Division

/ajt:ERCS-4811

Attachments

cc: Mohammed Ally, Public Utility Commission of Texas

Qle 7

# Protection of State-Listed Species Texas Parks and Wildlife Department Guidelines

# **Protection of State-Listed Species**

State law prohibits any take (incidental or otherwise) of state-listed species. State-listed species may only be handled by persons possessing a Scientific Collecting Permit or a Letter of Authorization issued to relocate a species.

- Section 68.002 of the Texas Parks and Wildlife (TPW) Code states that species of fish or wildlife indigenous to Texas are endangered if listed on the United States List of Endangered Native Fish and Wildlife or the list of fish or wildlife threatened with statewide extinction as filed by the director of Texas Park and Wildlife Department. Species listed as Endangered or Threatened by the Endangered Species Act are protected by both Federal and State Law. The State of Texas also lists and protects additional species considered to be threatened with extinction within Texas.
- Animals Laws and regulations pertaining to state-listed endangered or threatened animal species are contained in Chapters 67 and 68 of the Texas Parks and Wildlife (TPW) Code and Sections 65.171 65.176 of Title 31 of the Texas Administrative Code (TAC). State-listed animals may be found at 31 TAC §65.175 & 176.
- Plants Laws and regulations pertaining to endangered or threatened plant species are contained in Chapter 88 of the TPW Code and Sections 69.01 69.9 of the TAC. State-listed plants may be found at 31 TAC §69.8(a) & (b).

# Prohibitions on Take of State Listed Species

Section 68.015 of the TPW Code states that no person may capture, trap, take, or kill, or attempt to capture, trap, take, or kill, endangered fish or wildlife.

Section 65.171 of the Texas Administrative Code states that except as otherwise provided in this subchapter or Parks and Wildlife Code, Chapters 67 or 68, no person may take, possess, propagate, transport, export, sell or offer for sale, or ship any species of fish or wildlife listed by the department as endangered or threatened.

"Take" is defined in Section 1.101(5) of the Texas Parks and Wildlife Code as:

"Take," except as otherwise provided by this code, means collect, hook, hunt, net, shoot, or snare, by any means or device, and includes an attempt to take or to pursue in order to take.

### **Penalties**

The penalties for take of state-listed species (TPW Code, Chapter 67 or 68) are:

- 1<sup>ST</sup> Offense = Class C Misdemeanor: \$25-\$500 fine
- One or more prior convictions = Class B Misdemeanor \$200-\$2,000 fine and/or up to 180 days in jail.
- Two or more prior convictions = Class A Misdemeanor \$500-\$4,000 fine and/or up to 1 year in jail.

Restitution values apply and vary by species. Specific values and a list of species may be obtained from the TPWD Wildlife Habitat Assessment Program.

# TPWD Recommendations for Electrical Transmission/Distribution Line Design and Construction

Construction of the line should be performed to avoid adverse impacts not only to the environment but the local bird populations and to restore or enhance environmental quality to the greatest extent practical. In order to minimize the possible project effects upon wildlife, the following measures are recommended.

TPWD recommends that each electrical company develop an Avian Protection Plan to minimize the risks to avian species that are protected by the Migratory Bird Treaty Act.

## **Avian Electrocution Risks**

Birds can be electrocuted by simultaneously contacting energized and/or grounded structures, conductors, hardware, or equipment. Electrocutions may occur because of a combination of biological and electrical design. Biological factors are those that influence avian use of poles, such as habitat, prey and avian species. The electrical design factor is most crucial to avian electrocutions is the physical separation between energized and/or grounded structures, conductors, hardware, or equipment that can be bridges by birds to complete a circuit. As a general rule, electrocution can occur on structures with the following:

- Phase conductors separated by less than the wrist-to-wrist or head-to-foot (flesh-to-flesh) distance of a bird;
- Distance between grounded hardware (e.g. grounded wires, metal braces) and any energized phase conductor that is less than the wrist-to-wrist or head-to-foot (flesh-to-flesh) distance of a bird (Avian Power Line Interaction Committee 2006).

To protect raptors and eagles, procedures should be followed as outlined in:

Suggested Practices for Raptor Protection on Power Lines: The State of the Art in 2006. by Avian Power Line Interaction Committee (APLIC). 2006. Distributed by the Avian Power Line Interaction Committee (APLIC).

Mitigating Bird Collisions with Power Lines: the State of the Art in 1994. Avian Power Line Interaction Committee (APLIC). 1994. Edison Electric Institute. Washington D.C.

Line alterations to prevent bird electrocutions should not necessarily be implemented after such events occur, as all electrocutions may not be known or documented. Incorporation of preventative measures along portions of the routes that are most attractive to birds (as indicated by frequent sightings) prior to any electrocutions is much preferred.

Preventative measures include: phase covers, bushing cover, arrester covers, cutout covers, jumper wire hoses, and covered conductors. In addition, perch discouragers may be used to deter birds from landing on hazardous (to birds) pole locations where isolate, covers, or other insulating techniques cannot be used (Avian Power Line Interaction Committee 2006).

Use wood or non-conducting cross arms, for distribution lines, to minimize the possibility of electrical contact with perching birds.

When possible, for distribution lines, install electrical equipment on the bottom cross arm to allow top cross arm for perching.

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TPWD recommends using nest management strategies which include installing nesting platforms on or near power structures to provide nesting sites for several protected species while minimizing the risks of electrocution, equipment damage, or outages (Avian Power Line Interaction Committee 2006).

### **Avian Collision Risks**

Birds typically establish flight corridors along and within river and creek drainages. Transmission lines that cross or are located very near these drainages should have line markers installed at the crossings or closest points to the drainages to reduce the potential of collisions by birds flying along or near the drainage corridors.

If transmission lines are located in an area with tall trees, the height of the transmission line should not be taller than the trees to reduce collision risks.

Transmission lines should be located to avoid separating feeding and nesting areas. If this cannot be avoided lines should be clearly marked to minimize avian collisions with the lines (Avian Power Line Interaction Committee 1994).

Transmission lines should be buried, when practical, to reduce the risks of avian collisions.

## **Habitat Impacts**

Construction should avoid identified wetland areas. Coordination with appropriate agencies should be accomplished to ensure regulatory compliance. Construction should occur during dry periods.

Construction should attempt to minimize the amount of flora and fauna disturbed. Reclamation of construction sites should emphasize replanting with native grasses and leguminous forbs.

Existing rights-of-way should be used to upgrade facilities, where possible, in order to avoid additional clearing and prevent adverse impacts associated with habitat loss and fragmentation of existing blocks of wooded habitat.

Forest and woody areas provide food and cover for wildlife, these cover types should be preserved. Mature trees, particularly those which produce nuts or acorns, should be retained. Shrubs and trees should be trimmed rather than cleared.

Transmission lines should be designed to cross streams at right angles, at points of narrowest width, and/or at the lowest banks whenever feasible to provide the least disturbance to stream corridor habitat.

Implementation of wildlife management plans along rights-of-way should be considered whenever feasible.

All pole design should be single phase (without arms), where possible, to preserve the aesthetics of the area.

Ms. Melanie Callahan Interim Executive Administrator Texas Water Development Board 1700 North Congress Ave., Suite 840 P.O. Box 13231 Austin, TX 78711-3231

Request for Information

Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Ms. Callahan:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

Burns & McDonnell is requesting your assistance identifying the human and natural resources in the study area regarding any routing constraints or opportunities within the area. Routing constraints include those areas or resources which may not be compatible with transmission line construction, such as airports, protected species habitat, or dense residential areas. Routing opportunities include such things as previously disturbed areas, industrial corridors, and existing utility rights-of-way. Your input on any of the following resources will assist the project team in developing preliminary alternative routes that take advantage of opportunities while minimizing potential environmental and land use impacts.

Specifically, we are requesting that your office provide information regarding any environmental and land use constraints associated with any proposed reservoirs, surface or ground water issues, Texas Water Development Board (TWDB) studies, or any other areas of concern to the TWDB by March 1, 2013. The information we collect will be used to assist Entergy in developing its application before the Public Utility Commission of Texas to seek a Certificate of Convenience and Necessity for this project. We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP

Project Manager



P.O. Box 13231, 1700 N. Congress Ave. Austin, TX 78711-3231, www.twdb.texas.gov Phone (512) 463-7847, Fax (512) 475-2053

February 19, 2013

Mr. Tony Bassak Project Manager, Burns & McDonnell 15950 N. Dallas Parkway, Suite 700 Dallas TX 75248-6630

Re: Proposed Ponderosa to Grimes 230 kV Electric Transmission Line Project, Montgomery and Grimes Counties

Dear Mr. Bassak:

We were informed of your request for information concerning environmental assessment and alternative route analysis for the proposed 230 kilovolt (kV) transmission line that would connect the proposed Ponderosa Switching Station in Conroe in Montgomery County to the existing Grimes substation near Shiro in Grimes County. To plan for the state's water resources and provide affordable water and wastewater services, the Texas Water Development Board (TWDB) provides planning, geographic data collection and dissemination, and financial and technical assistance services. TWDB is not a regulatory agency and does not issue any permits.

Based on the map and information provided, it appears that the proposed transmission line would not conflict with any recommended water management strategies in the regional or state water plans. Therefore, we have no specific comments in regard to the proposed project.

If you have any further questions, please contact me at (512) 936-0852.

Sincerely

W. David Meesey

Program Specialist VII

Water Resources Planning and Information

Our Mission

To provide leadership, planning, financial assistance, information, and education for the conservation and responsible

development of water for Texas

**Board Members** 

Billy R. Bradford Jr., Chairman Joe M. Crutcher, Vice Chairman Lewis H. McMahan, Member Edward G. Vaughan, Member Monte Cluck, Member F.A. "Rick" Rylander, Member

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Mr. Tom Wilkinson Executive Director Brazos Valley Council of Governments P.O. Drawer 4128 Bryan, TX 77805-4128

Request for Information

Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Wilkinson:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

Burns & McDonnell is requesting your assistance identifying the human and natural resources in the study area regarding any routing constraints or opportunities within the area. Routing constraints include those areas or resources which may not be compatible with transmission line construction, such as airports, protected species habitat, or dense residential areas. Routing opportunities include such things as previously disturbed areas, industrial corridors, and existing utility rights-of-way. Your input on any of the following resources will assist the project team in developing preliminary alternative routes that take advantage of opportunities while minimizing potential environmental and land use impacts.

Specifically, we are requesting that your office provide information regarding any proposed land developments, or any other areas of concern to the Brazos Valley Council of Governments by March 1, 2013. The information we collect will be used to assist Entergy in developing its application before the Public Utility Commission of Texas to seek a Certificate of Convenience and Necessity for this project. We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP

Project Manager

Mr. Jack Steele Executive Director Houston-Galveston Area Council P.O. Box 22777 Houston, TX 77227-2777

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Steele:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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- Land Use (current or proposed land development projects, park/recreation areas, etc.)
- Aesthetics
- Water quality and wetlands
- Soils and geology
- Wildlife, vegetation, and fisheries (including threatened and endangered species)
- Socioeconomics (population, employment, growth, current/future development)
- Cultural resources (historic and archaeological)
- Transportation and roads (airport and roadway expansions, construction, operations, and maintenance)

In addition to the above requested items, we are also requesting information regarding any permits or any type of approval for construction of the proposed transmission line within your jurisdiction.

Your input is important and we would appreciate any feedback by March 1, 2013. The information we collect will be used to assist Entergy in developing its application before the Public Utility Commission of Texas to seek a Certificate of Convenience and Necessity for this project.

We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP Project Manager

Enclosure

Mr. Blake Kellum Lake Conroe Division Manager San Jacinto River Authority P.O. Box 329 Conroe, TX 77305

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Kellum:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

Burns & McDonnell is requesting your assistance identifying the human and natural resources in the study area regarding any routing constraints or opportunities within the area. Routing constraints include those areas or resources which may not be compatible with transmission line construction, such as airports, protected species habitat, or dense residential areas. Routing opportunities include such things as previously disturbed areas, industrial corridors, and existing utility rights-of-way. Your input on any of the following resources will assist the project team in developing preliminary alternative routes that take advantage of opportunities while minimizing potential environmental and land use impacts, including the following:

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In addition to the above requested items, we are also requesting information regarding any permits or any type of approval for construction of the proposed transmission line within your jurisdiction.

Your input is important and we would appreciate any feedback by March 1, 2013. The information we collect will be used to assist Entergy in developing its application before the Public Utility Commission of Texas to seek a Certificate of Convenience and Necessity for this project.

We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP Project Manager

**Enclosure** 

## Misplay, Melissa

From:

Karen R Thomas < krthomas@sira.net>

Sent:

Tuesday, February 26, 2013 12:07 PM

To:

Misplay, Melissa

Cc:

Blake Kellum; Steve Fenney; Ron Kelling; Jace Houston

Subject:

San Jacinto River Authority response to Entergy Texas Inc. BMcD Project number 71136

request for data

**Attachments:** 

EntergyTexasInc.zip

### Hello Melissa,

Please find data attached as 7 GIS Shapefiles from the SJRA, San Jacinto River Authority. These are the areas that may be of interest to Entergy as they begin to construct their new 230 kilovolt overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe to the existing Grimes Substation near Shiro in Grimes Co.

Can you please forward these files to Tony Bassak or the GIS Department.

You will not be able to read them, they are only viewable in GIS and are currently in a zip file.

- 1.Lake Conroe 2075ft Area of Concern This is the 2075ft area we administrate for construction close to the Lake
- 2.Lake Conroe Watershed this is our watershed, we like to know about major construction and industry within this region
- 3.SJRA Water Pipeline Construction- we are starting construction of a 60inch waterline from our dam to The Woodlands Township, April 2013 continuing through approximately Aug 2014.
- 4.CemeteryInWatershed- active and close cemeteries
- 5. Historic Markersin Watershed-locations of Texas Historic Texas signs denoting historic activity in that area
- 6.LandfillsInLakeConroeWatershed- old landfills
- 7.PondsInWatershed these include whether they have earthen dams.

We would be very interested in Entergy sharing the approximate route of the transmission line when it is known as we may have additional works west of our dam in the future.

If you or your GIS team have any other questions, please feel free to contact me.

Regards,

Karen

Karen R Thomas

GIS Supervisor, Technical Services

San Jacinto River Authority PO Box 329, Conroe, TX 77305 1577 Dam Site Rd, Conroe, TX 77304 (936) 689-6648 mobile (936) 588-3043 fax www.sjra.net

Mr. Keith Butler Biologist Sam Houston National Forest P.O. Box 868 Livingston, TX 77351

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Butler:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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- Cultural resources (historic and archaeological)
- Transportation and roads (airport and roadway expansions, construction, operations, and maintenance)

In addition to the above requested items, we are also requesting information regarding any permits or any type of approval for construction of the proposed transmission line within your jurisdiction.

Your input is important and we would appreciate any feedback by March 1, 2013. The information we collect will be used to assist Entergy in developing its application before the Public Utility Commission of Texas to seek a Certificate of Convenience and Necessity for this project.

We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP Project Manager

**Enclosure** 

Judge Betty Shiflett County Judge Grimes County P.O. Box 160 Anderson, TX 77830

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Judge Shiflett:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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In addition to the above requested items, we are also requesting information regarding any permits or any type of approval for construction of the proposed transmission line within your jurisdiction.

Your input is important and we would appreciate any feedback by March 1, 2013. The information we collect will be used to assist Entergy in developing its application before the Public Utility Commission of Texas to seek a Certificate of Convenience and Necessity for this project.

We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP Project Manager

Enclosure

Mr. John Bertling Commissioner Grimes County, Precinct 1 P.O. Box 510 Anderson, TX 77830

Request for Information

Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Bertling:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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- Socioeconomics (population, employment, growth, current/future development)
- Cultural resources (historic and archaeological)
- Transportation and roads (airport and roadway expansions, construction, operations, and maintenance)

In addition to the above requested items, we are also requesting information regarding any permits or any type of approval for construction of the proposed transmission line within your jurisdiction.

We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP Project Manager

**Enclosure** 

Mr. Randy Krueger Commissioner Grimes County, Precinct 2 8512 C.R. 204 Plantersville, TX 77363

Request for Information

Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Krueger:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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- Transportation and roads (airport and roadway expansions, construction, operations, and maintenance)

In addition to the above requested items, we are also requesting information regarding any permits or any type of approval for construction of the proposed transmission line within your jurisdiction.

We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP Project Manager

**Enclosure** 

Mr. Julian Melchor, Jr. Commissioner Grimes County, Precinct 3 208 Judson #14 Navasota, TX 77868

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Melchor, Jr.:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

Burns & McDonnell is requesting your assistance identifying the human and natural resources in the study area regarding any routing constraints or opportunities within the area. Routing constraints include those areas or resources which may not be compatible with transmission line construction, such as airports, protected species habitat, or dense residential areas. Routing opportunities include such things as previously disturbed areas, industrial corridors, and existing utility rights-of-way. Your input on any of the following resources will assist the project team in developing preliminary alternative routes that take advantage of opportunities while minimizing potential environmental and land use impacts, including the following:

- Land Use (current or proposed land development projects, park/recreation areas, etc.)
- Aesthetics
- Water quality and wetlands
- Soils and geology
- Wildlife, vegetation, and fisheries (including threatened and endangered species)
- Socioeconomics (population, employment, growth, current/future development)
- Cultural resources (historic and archaeological)
- Transportation and roads (airport and roadway expansions, construction, operations, and maintenance)

In addition to the above requested items, we are also requesting information regarding any permits or any type of approval for construction of the proposed transmission line within your jurisdiction.

We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP Project Manager

Enclosure

Ms. Pam Finke Commissioner Grimes County, Precinct 4 382 FM 149 West Anderson, TX 77830

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Ms. Finke:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP

Project Manager

Enclosure

Mr. David Pasket County Clerk Grimes County P.O. Box 209 Anderson, TX 77830

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Pasket:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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We appreciate your assistance. Please contact Melissa Misplay at (972) 455-3123 if you have any questions or require additional information.

Sincerely,

Tony Bassak, AICP, GISP Project Manager

Enclosure

Judge Adam B. Sadler
County Judge
Montgomery County
County Courthouse 501 N Thompson Street
Conroe, TX 77301

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Judge Sadler:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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Sincerely,

Tony Bassak, AICP, GISP Project Manager

Enclosure

Mr. Mike Meador Commissioner Montgomery County, Precinct 1 510 Hwy 75 N Willis, TX 77378

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Meador:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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Sincerely,

Tony Bassak, AICP, GISP Project Manager

Enclosure

Mr. Craid Doyal Commissioner Montgomery County, Precinct 2 38927 FM 1774 Magnolia, TX 77355

Request for Information Entergy Texas, Inc. Proposed Ponderosa to Grimes 230kV Transmission Line Project

BMcD Project number: 71136

Dear Mr. Doyal:

Entergy Texas, Inc. (Entergy) is proposing to construct a new 230 kilovolt (kV) overhead electric transmission line to connect the proposed Ponderosa Switching Station on the southwest side of Conroe, in Montgomery County, Texas to the existing Grimes Substation near Shiro, in Grimes County, Texas. Please refer to the enclosed map for the location and details of the project area.

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