



## Filing Receipt

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**SOAH DOCKET NO. 473-22-05831  
PUC DOCKET NO. 53727**

<b>JOINT APPLICATION OF AEP TEXAS INC.</b>	<b>§</b>	<b>PUBLIC UTILITY COMMISSION</b>
<b>AND SHARYLAND UTILITIES L.L.C. TO</b>	<b>§</b>	
<b>AMEND CERTIFICATES OF CONVENIENCE</b>	<b>§</b>	
<b>AND NECESSITY FOR THE LA PALMA-TO-</b>	<b>§</b>	<b>OF</b>
<b>KINGFISHER DOUBLE-CIRCUIT 345-KV</b>	<b>§</b>	
<b>TRANSMISSION LINE IN CAMERON</b>	<b>§</b>	<b>TEXAS</b>
<b>COUNTY</b>	<b>§</b>	

**JOINT APPLICANTS' RESPONSE TO GOBAR BROTHERS  
SECOND REQUEST FOR INFORMATION**

**AUGUST 29, 2022**

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**Files Provided Electronically on the PUC Interchange**

53727 - ATTACHMENT GOBAR 2-1-1.xlsx

**SOAH DOCKET NO. 473-22-05831  
PUC DOCKET NO. 53727**

**JOINT APPLICATION OF AEP TEXAS § BEFORE THE STATE OFFICE  
INC. AND SHARYLAND UTILITIES, §  
L.L.C. TO AMEND THEIR §  
CERTIFICATES OF CONVENIENCE § OF  
AND NECESSITY FOR THE LA PALMA §  
TO KINGFISHER DOUBLE- CIRCUIT §  
345-KV TRANSMISSION LINE IN § ADMINISTRATIVE HEARINGS  
CAMERON COUNTY §**

**JOINT APPLICANTS' RESPONSE TO GOBAR BROTHERS  
SECOND REQUEST FOR INFORMATION**

**Question No. GOBAR BROTHERS 2-1**

Please consider an alternate route, named Route 5 Modified, from the La Palma Station to Kingfisher Station consisting of the following combination of Links, B1-B2-F-G-I-N1-N2-O-Q.

1. Please provide the Joint Applicants' best available estimates of the route evaluation criteria for this alternative route in the same format as Table 4-1, Environmental and Land Use Data for Primary Route Evaluation, which is contained in Application Attachment 1, Environmental Assessment and Route Analysis.
2. Please provide the Joint Applicants' best available cost estimate for this alternative route in the same format as the cost estimates provided in Application Attachment 3, Estimated Costs of Alternative Routes and Substations.
3. If the Joint Applicants are not willing to construct its proposed transmission line on this alternative route, please explain in detail why not.

**Response No. GOBAR BROTHERS 2-1**

1. Please see ATTACHMENT GOBAR 2-1-1.
2. The estimated cost of Route 5 Modified is provided below

<b>Route 5 Modified</b>	<b>AEP TEXAS</b>	<b>SHARYLAND</b>	<b>TOTAL</b>
Right-of-way and Land Acquisition	\$ 4,524,000	\$ 2,721,000	\$ 7,245,000
Engineering and Design (Utility)	\$ 186,000	\$ 204,000	\$ 390,000
Engineering and Design (Contract)	\$ 1,213,000	\$ 1,584,000	\$ 2,797,000
Procurement of Material and Equipment	\$ 5,327,000	\$ 5,937,000	\$ 11,264,000
Construction of Facilities (Utility)	\$ 10,000	\$ 506,000	\$ 516,000
Construction of Facilities (Contract)	\$ 4,358,000	\$ 5,724,000	\$ 10,082,000
Other	\$ -	\$ 550,000	\$ 550,000
<b>Total Cost</b>	<b>\$ 15,618,000</b>	<b>\$ 17,226,000</b>	<b>\$ 32,844,000</b>

3. Joint Applicants are willing to construct the proposed transmission line on Route 5  
Modified if approved by the Public Utility Commission.

Prepared by: Randal Roper, Regulatory Case Manager, AEP Texas Inc.

Sponsored by: Gary L. McClanahan, Project Manager, POWER Engineers, Inc.  
Eric W. Scott, Project Manager, AEP Service Company  
Mark D. Meyer, Vice President of Operations, Sharyland Utilities, L.L.C.

Evaluation Criteria

Land Use		Route 5 Modified
1	Length of alternative route	5.48
2	Number of habitable structures <sup>1</sup> within 500 feet of ROW centerline	51
3	Length of ROW using existing transmission line ROW	0
4	Length of ROW parallel and adjacent to existing transmission line ROW	1.72
5	Length of ROW parallel and adjacent to other existing ROW (roadways, highways, railways, irrigation/drainage district canals, etc.)	1.54
6	Length of ROW parallel and adjacent to apparent property lines <sup>2</sup> (or other natural or cultural features, etc.)	1.25
7	Sum of evaluation criteria 4, 5, and 6	4.51
8	Percent of evaluation criteria 4, 5, and 6	82%
9	Length of ROW across parks/recreational areas <sup>3</sup>	0
10	Number of additional parks/recreational areas <sup>3</sup> within 1,000 feet of ROW centerline	0
11	Length of ROW across cropland	2.69
12	Length of ROW across pasture/rangeland	0.75
13	Length of ROW across land irrigated by traveling systems (rolling or pivot type)	0
14	Number of pipeline crossings	0
15	Number of transmission line crossings	0
16	Number of US and state highway crossings	2
17	Number of farm-to-market (FM) road crossings	1
18	Number of FAA registered airports <sup>4</sup> with at least one runway more than 3,200 feet in length located within 20,000 feet of ROW centerline	0
19	Number of FAA registered airports <sup>4</sup> having no runway more than 3,200 feet in length located within 10,000 feet of ROW centerline	0
20	Number of private airstrips within 10,000 feet of the ROW centerline	1
21	Number of heliports within 5,000 feet of the ROW centerline	0
22	Number of commercial AM radio transmitters within 10,000 feet of the ROW centerline	0
23	Number of FM radio transmitters, microwave towers, and other electronic installations within 2,000 feet of ROW centerline	1
<b>Aesthetics</b>		
24	Estimated length of ROW within foreground visual zone <sup>5</sup> of US and state highways	1.86
25	Estimated length of ROW within foreground visual zone <sup>5</sup> of FM roads	4.77
26	Estimated length of ROW within foreground visual zone <sup>5[6]</sup> of parks/recreational areas <sup>3</sup>	0
<b>Ecology</b>		
27	Length of ROW across upland woodlands/brushlands	1.81
28	Length of ROW across bottomland/riparian woodlands	0.05
29	Length of ROW across NWI mapped wetlands	0.09
30	Length of ROW across critical known habitat of federally-listed threatened or endangered species	0
31	Length of ROW across open water (lakes, ponds)	0.09
32	Number of stream/canal crossings	9
33	Number of resaca crossings	1
34	Length of ROW parallel (within 100 feet) to streams or rivers	1.38
35	Length of ROW across 100-year floodplains	1.95
<b>Cultural Resources</b>		
36	Number of cemeteries within 1,000 feet of the ROW centerline	1
37	Number of recorded cultural resource sites crossed by ROW	0
38	Number of additional recorded cultural resource sites within 1,000 feet of ROW centerline	0
39	Number of NRHP listed or determined eligible properties crossed by ROW	1
40	Number of additional NRHP listed or determined eligible properties within 1,000 feet of ROW centerline	0
41	Length of ROW across areas of high archeological site potential	5.35

<sup>1</sup> 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 500 feet of the centerline of a transmission project of 230-kV or more.

<sup>2</sup> Apparent property boundaries created by existing roads, highways, or railroad ROWs are not "double-counted" in the length of ROW parallel to apparent property boundaries criteria.

<sup>3</sup> Defined as parks and recreational areas owned by a governmental body or an organized group, club, or church within 1,000 feet of the centerline of the project.

<sup>4</sup> As listed in the Chart Supplement South Central US (FAA 2020a formally known as the Airport/facility Directory South Central US) and FAA 2020b.

<sup>5</sup> One-half mile, unobstructed. Lengths of ROW within the foreground visual zone of Interstates, US and state highway criteria are not "double-counted" in the length of ROW within the foreground visual zone of FM roads criteria.

<sup>6</sup> One-half mile, unobstructed. Lengths of ROW within the foreground visual zone of parks/recreational areas may overlap with the total length of ROW within the foreground visual zone of interstates, US and state highway criteria and/or with the total length of ROW within the foreground visual zone of FM roads criteria.

All length measurements are shown in miles unless noted otherwise.

Route 5 Modified: B1-B2-F-G-I-N1-N2-O-Q

The following files are not convertible:

53727 - ATTACHMENT GOBAR 2-1-1.xlsx

Please see the ZIP file for this Filing on the PUC Interchange in order to access these files.

Contact [centralrecords@puc.texas.gov](mailto:centralrecords@puc.texas.gov) if you have any questions.