



## **Filing Receipt**

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LIST OF EXHIBITS

Exhibit 1) PUC\_DirectTestimony\_Brown\_Exhibit1.docx

Exhibit 2) What is the safe distance of living near high voltage power lines?  
<https://www.brightsandz.co/living-near-high-voltage-power-lines>

Charles Dee and Gretchen Brown

817-313-2410

817-366-8419

[Cdbro61@gmail.com](mailto:Cdbro61@gmail.com)

[F16swgal@aol.com](mailto:F16swgal@aol.com)

EXHIBIT 1

Charles Dee and Gretchen Brown  
507 County Road 4840  
Haslet, TX 76052  
July 15, 2023

Chris Reily  
ONCOR Electric Delivery Company LLC  
1616 Woodall Rodgers Fwy Rm 6A-12  
Dallas, TX 75202

Public Utility Commission of Texas  
Central Records  
Attn: Filing Clerk  
1701 N. Congress Avenue  
P.O. Box 13326  
Austin, TX 78711-3326

To PUC Commissioners Kathleen Jackson, Will McAdams, Lori Cobos, Jimmy Glotfelty, and others whom it may concern,

This statement is with respect to the proposed transmission lines by ONCOR described in SOAH docket number 473-23-21216 and PUC docket number 55067. The particular link of concern is link U2 as it crosses north of County Road 4840. This statement is our direct testimony regarding the impact of this link on us and our property.



We own and have resided on the property listed as 2529 with the residence listed as 965 for the last 30 years. The proposed U2 link for the transmission line shows to be routed inside our eastern fence line and property line. This property line is located just 200 feet from our home, making the estimated transmission line center about 150 feet from our home. This proximity to

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our home is of great concern to us due to its potential negative impact on our health from continued exposure to electromagnetic energy. This transmission line center is also only 50 feet from our neighbor's residence (listed as 966) which is an even more alarming distance. Three of the routes that include U2 also include link R6 which runs east from the northeast corner of our property across the back of the same neighbor's property located only 50 feet from our neighbor's residence on the north side.



According to an article by Brightsandz Clean Technology the passage of electrical current through a conductor causes extremely low frequency (ELF) radiation. ELF radiation is associated with an increase of childhood leukemia by 200% as well as other health issues including headache, dizziness, fatigue, and insomnia which can then lead to hypertension, irritability, listlessness, decline in energy levels, and obesity. This article concludes that a safe distance for a home from a high voltage (230 – 400 KV) transmission line is 100 meters (about 328 feet). Therefore, our home is NOT located a safe distance from the proposed U2 link. In fact, our home is within the hazard zone of 60 meters (about 197 feet). And so is our neighbor's house. We have grandchildren that love to play out here, so the safety hazards of a transmission line are unacceptable.

In addition to the above concerns the proposed link U2 transmission line would cover our gardening area for which we have spent many years amending this hard clay soil so that it is conducive to growing vegetables. We cannot just move the garden without a good deal of additional labor and expense to provide amendments.

The link would also disrupt and likely destroy the wooded southeast corner of our property that provides wildlife habitat due to the soil being too wet most of the year to be useful for agricultural purposes. There is ample food, water and shelter in this area that supports a wide variety of wildlife including birds (wild geese during breeding, nesting, and brooding season, great blue heron, and many other types of bird species), bees, deer and the occasional beaver. We have future plans to create a wildlife management plan for this area and the majority of the remaining property and apply for a wildlife tax exemption (versus agriculture).

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The southeast corner of the property also includes a permanent historical structure in the form of an animal shelter/barn which has been on the property for over 50 years and is in the direct path of the proposed U2 link. This structure would likely be torn down during installation of the transmission lines.

We realize that expansion is a necessity with the recent and projected population growth in the area, but the impact on our family's and our neighbor's well-being is not worth the risk, not to mention the negative impact to wildlife and the devaluation of our property. It seems that there are many other possible routes that would have less impact on currently occupied homes and wildlife. There are multiple nearby properties that are either commercial or have unoccupied homes. The neighbors on all sides of us stand strong against this intrusion.

Please consider NOT choosing a route that includes link U2.

Thank you,

Charles Dee and Gretchen Brown

817-313-2410

817-366-8419

[Cdbro61@gmail.com](mailto:Cdbro61@gmail.com)

[F16swgal@aol.com](mailto:F16swgal@aol.com)