

## Bertron, Cara

---

**From:** Greg Casey <greg.casey@enertechresources.com>  
**Sent:** Monday, April 15, 2019 11:51 AM  
**To:** Pittman, Michael  
**Cc:** Gilbert Martinez; Dale Shumaker; Elizabeth Brummett; Bertron, Cara  
**Subject:** City of Austin - Moonlight Towers - Meeting to Discuss New Material Fabrication

Good Morning Michael,

We have performed some preliminary calculations based on historical information regarding the third-party testing component failure rate for the previous 8 Towers. As you know, Enertech has utilized materials from 6 towers that were taken down and 2 towers from Austin Energy Storage yard. With these materials, 5 towers were restored and completed using 100% original 1894 tower members.

To date, Enertech has a material testing failure rate of approximately 40%. With this information, we have projected this failure rate to the balance of the towers to determine the amount of new materials that will need to be fabricated to complete all 17 Towers restorations.

Towers 8, 3 and 16 have been completely consumed to complete the first 5 towers. In our calculations, these 3 towers have been denoted as 100% failures requiring 100% replacement parts. The balance of the 9 Towers a 40% failure rate was used.

As a result, this project will have to fabricate a considerable amount of new star posts (vertical and horizontal members) and sockets. As discussed previously maintaining a maximum percentage of original tower members in each of the remaining towers.

**We have determined that there will be a little more than 40% original members in the remaining 12 Moonlight Towers to be completed.**

Enertech is currently working on having replacement star posts and sockets re-quoted with these approximate quantities.

It is our understanding, the Moonlight Towers Restoration project is on the (April 22, 2019) City of Austin Historical Commission's Agenda for discussion of the Certificate of Appropriateness. They will need to know that original materials per tower will be approximately 40%. Elizabeth Brummett and Cara Bertron have been copied on this email

Enertech would like to set a meeting with you to discuss the project going forward and introduce you to Gilbert Martinez (New Enertech Project Manager for Moonlight Towers Project). Would you be available to meet on Thursday morning?

If you have any questions, please contact me at your convenience.

Sincerely,

**Gregory J. Casey, PE**  
Senior Engineer

Enertech Resources, LLC  
5920 W. William Cannon Drive  
Building 1, Suite 102  
Austin, Texas 78749  
O: 830-387-4502 | M: 512-589-0074