



Legislation Details (With Text)

| | | | | | |
|------------------------|--|----------------------|---|--------------|--|
| File #: | 81108 | Version: | 1 | Name: | Informational Presentation by Community Development Authority Regarding Potential Geothermal Concept in Brittingham Park as Part of CDA Triangle Redevelopment |
| Type: | Communication | Status: | | | Held in Commission |
| File created: | 12/4/2023 | In control: | | | BOARD OF PARK COMMISSIONERS |
| On agenda: | | Final action: | | | 12/13/2023 |
| Enactment date: | | Enactment #: | | | |
| Title: | Informational Presentation by Community Development Authority Regarding Potential Geothermal Concept in Brittingham Park as Part of CDA Triangle Redevelopment | | | | |
| Sponsors: | | | | | |
| Indexes: | | | | | |
| Code sections: | | | | | |
| Attachments: | 1. New Year Investments_Geothermal Memo 12.5.23.pdf, 2. CDA Geothermal Presentation 12.13.23.pdf, 3. CDA Geothermal Concept Public Submittals.pdf | | | | |

| Date | Ver. | Action By | Action | Result |
|------------|------|-----------------------------|--------|--------|
| 12/13/2023 | 1 | BOARD OF PARK COMMISSIONERS | | |

Title
Informational Presentation by Community Development Authority Regarding Potential Geothermal Concept in Brittingham Park as Part of CDA Triangle Redevelopment

Body
Located across West Washington Avenue from Brittingham Park, the Madison CDA's Triangle public housing site will begin a phased redevelopment beginning in 2025, known as "Taking Shape, Our Triangle." The redevelopment project will provide a safe, decarbonized, and long-lasting affordable housing community to nearly 1,500 residents. During the ongoing master planning phase, a community geothermal system has been identified as potential cost-effective solution to electrify approximately 90-100% of heating and cooling demands while keeping operating costs to a minimum for CDA and reducing energy bills for many of its low-income tenants.

Preliminary studies are underway to design and implement a new, networked geothermal heating and cooling system for the Triangle community redevelopment, which for maximum efficiency may be primarily located under Brittingham Park. This system would be entirely subterranean, and would not impact the long-term usability of the park. However, it would require a portion of the athletic fields to be offline for a period of approximately six months while a series of boreholes is created, all infrastructure is buried, and the site is regraded and seeded. CDA expects to retain ownership of the system and assume all future maintenance costs for any infrastructure located under the park.

CDA's development team, including representatives from New Year Investments (Co-developer) and Design Engineers (geothermal consultant) will provide an informational presentation to BPC on December 13 regarding the geothermal system concept and opportunities for collaboration between CDA and Parks on this innovative use of this sustainable technology. The team also seeks guidance from the Board on issues to consider if the system is located under the park, and if conceptual planning for the Brittingham Park scenario

may continue to move forward.