



RIVERSIDE ENERGY RESOURCE CENTER UNITS 1 AND 2 CHILLER REPAIR

Riverside Public Utilities

Board of Public Utilities
November 26, 2018

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BACKGROUND

1. RERC 1 & 2 commissioned in 2006
2. 3,500-ton chiller supports both units
3. Cools air entering gas turbine
4. ~20MW output in the summer



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BACKGROUND

5. Vacuum leak detected inside the enclosure
6. Still in the early stages
7. Staff closely monitoring leak
8. Repairs planned for Feb 2019



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DISCUSSION

1. Trane U.S. Inc. is the original equipment manufacturer
2. Trane has contract with US Communities Cooperative Agreement RFP No. 15-JLP-023
3. Trane proposed a repair scope to address the unknown elements for repair
4. Will only charge RPU the actual cost for repair of \$109,517

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RECOMMENDATION

That the Board of Public Utilities approve the issuance of a purchase order with Trane U.S. Inc., of Davidson, NC, for the inspection and repair of the air inlet chillers at the Riverside Energy Resource Center Units 1 and 2, in the amount of \$109,517.