



INCREASE EXPENDITURE FOR THREE-YEAR SUPPLY OF AMMONIA FOR USE AT RPU'S POWER PLANTS TO AIRGAS SPECIALTY PRODUCTS, INC.

Riverside Public Utilities

Board of Public Utilities
November 14, 2022

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BACKGROUND

19% Aqueous Ammonia is used in the emissions control systems at all of RPU's power plants

1. Ammonia is an essential component of the emissions control systems.
2. Usage varies with unit operation
 - a. Unexpected heatwave during Summer peak this year.
 - b. Increased power plant operations depleted approved budget for ammonia.
3. Staff recommends increasing awarded amount to support reliable plant operations and future heatwaves.

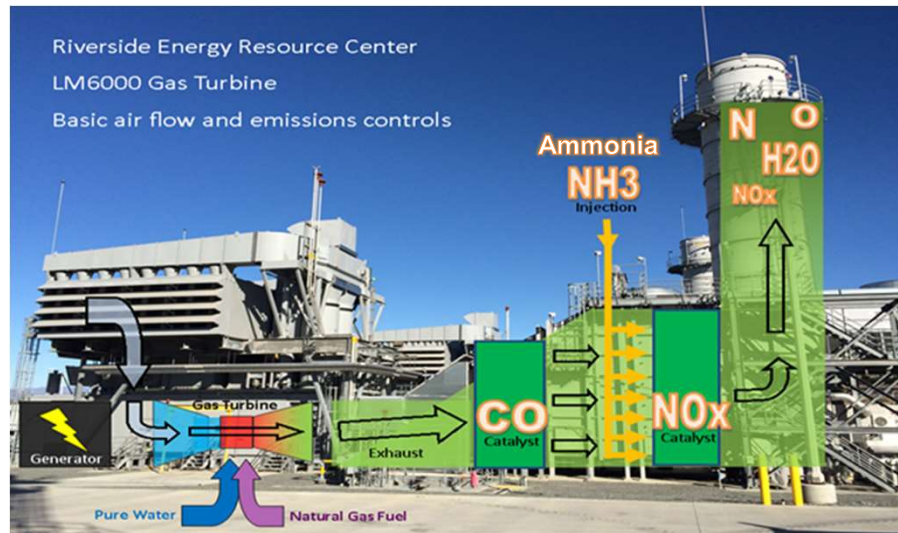


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EMISSIONS CONTROL SYSTEM AT RERC

NO_x emissions
reduced from
25 ppm to less
than 2.5 ppm



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DISCUSSION

1. Request for Bid No. 7900
 - a. Issued in February 2022
 - b. Board approved on June 27, 2022
 - c. Airgas Specialty Products, Inc. provided the lowest price
2. Fiscal Impact of staff recommendation
 - a. **Increase from \$33,100 to \$66,200 per year for revised total three-year amount of \$198,600.**
 - b. Only actual expenditures will be charged to Generation budget.



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STRATEGIC PLAN ALIGNMENT



Strategic Priority 4 - Environmental Stewardship



Strategic Priority 5 - High Performing Government



Strategic Priority 6 - Infrastructure, Mobility & Connectivity

Cross Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability & Resiliency



Equity



Innovation



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RECOMMENDATION

That the Board of Public Utilities approve an additional expenditure for annual costs associated with the three-year supply of 19% aqueous ammonia award by Request for Bid 7900 for Riverside Energy Resource Center, Clearwater and Springs Power Plants to Airgas Specialty Products, Inc. of Lawrenceville, Georgia for term ending on July 1, 2025, originally for \$99,300 over three years; revise expenditure in the amount of \$33,100 per year for a revised annual amount of \$66,200, and a revised three year total expenditure of \$198,600.



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