



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

Riverside Public Utilities

Board of Public Utilities
June 27, 2022

RiversideCA.gov

BACKGROUND

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

1. Power plant air emissions have stringent regulatory requirements
 - a. Air emissions are constantly monitored and recorded
 - b. Require annual third-party certified emissions tests
2. Ammonia is an essential component of the emissions control systems
3. Best current technology to control air emissions, particularly NOx emissions
4. Usage varies with unit operation

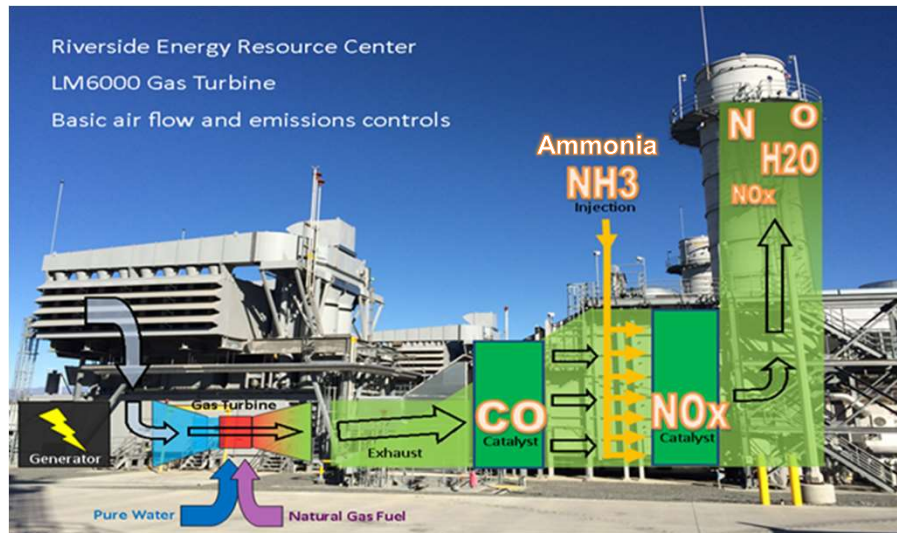


2

RiversideCA.gov

EMISSIONS CONTROL SYSTEM AT RERC

NOx emissions
reduced from
25 ppm to less
than 2.5 ppm



RiversideCA.gov

DISCUSSION

1. Request for Bid No. 7900
 - a. Two bids submitted
 - b. Only a few local chemical suppliers
 - c. Airgas Specialty Products, Inc. provided the lowest price
2. Fiscal Impact
 - a. \$33,100 budget annually for three years for a total cost of \$99,300
 - b. Actual expenditures will be charged to Generation budget



4

RiversideCA.gov

STRATEGIC PLAN ALIGNMENT



No. 4. Environmental Stewardship



No. 5. High Performing Government



No. 6. Infrastructure, Mobility & Connectivity

Cross Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability &
Resiliency



Equity



Innovation



5

RiversideCA.gov

RECOMMENDATION

That the Board of Public Utilities award Request for Bid No. 7900 to Airgas Specialty Products, Inc. of Lawrenceville, Georgia for a three-year supply of 19% aqueous ammonia for Riverside Energy Resource Center, Clearwater, and Springs Power Plants for term ending on July 1, 2025, for \$99,300.



6

RiversideCA.gov