

EMISSIONS TESTING AND ENVIRONMENTAL CONSULTING SERVICES AT RERC, SPRINGS, AND CLEARWATER POWER PLANTS

Riverside Public Utilities

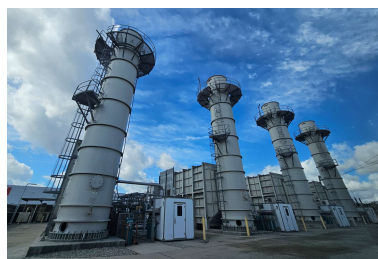
Board of Public Utilities

July 13, 2026

RiversideCA.gov

1

BACKGROUND



Springs Power Plant (36MW)



Clearwater Power Plant (28MW)



Riverside Energy Resource Center (RERC) (196 MW)

1. Provide a combined total of 260 megawatts of electricity
2. Availability is critical to ensuring RPU can meet minimum electricity demand and reliability needs
3. Must comply with operating permits and stringent federal, state, and local regulations



2

RiversideCA.gov

2

BACKGROUND

1. Each facility operates under a separate SCAQMD air permit and must comply with numerous regulatory requirements
 - a. Continuous emissions monitoring
 - b. Emissions testing (SCAQMD-certified company)
 - c. More than 3,300 regulatory reports annually
2. SCAQMD transitioning to new rules and regulations
 - a. Expected to impact permit language, monitoring, reporting, and recordkeeping
3. Given the complexity of navigating regulations and high volume of reports additional technical expertise is critical



3

RiversideCA.gov

3

DISCUSSION

1. Onterris USA, Inc. (formerly know as Montrose Environmental Solutions, Inc.) has supported RPU facilities since commissioning
2. Both emissions testing and environmental consulting services
 - a. Integrated solution – Only source
 - b. Establishes a single point of accountability
 - c. Higher level of confidence with regulatory compliance
3. More than 20 years of direct experience
 - a. Original air permits and any modifications and rule changes up until this point
 - b. Historical knowledge of specific regulations for each power plant
 - c. Timely resolution of complex regulatory matters
 - d. Critical for ongoing compliance



4

RiversideCA.gov

4

DISCUSSION

1. Five-Year Term for Emissions Testing and Environmental Consulting Services
 - a. Negotiated favorable pricing
 - b. Annual rate increase capped at 5%
 - c. Current market costs for RATA approximately \$15,000 per test
Proposed 2027 rate of \$8,658
 - d. Minimum savings of \$57,000 per year (9 tests)
 - e. Additional cost savings from emissions testing optimization – perform other tests during the RATA - \$52,000+

| Test | Proposed Cost 2027 | Approximate Market Cost 2025 | Approximate Savings per Test | Annual Savings |
|------|--------------------|------------------------------|------------------------------|----------------|
| RATA | \$8,658 | \$15,000 | \$6,342 | \$57,000 |



5

RiversideCA.gov

5

DISCUSSION

1. Annual amount developed from the expected number of emissions tests to be conducted each year, plus 400 hours of as-needed consulting services

| Year | Annual |
|----------------------|-------------|
| Year 1 FY 2027/28 | \$311,967 |
| Year 2 FY 2028/29 | \$327,565 |
| Year 3 FY 2029/30 | \$343,944 |
| Year 4 FY 2030/31 | \$361,141 |
| Year 5 FY 2031/32 | \$379,198 |
| TOTAL | \$1,723,815 |

2. Only charged for actual expenditures



6

RiversideCA.gov

6

RECOMMENDATIONS

That the Board of Public Utilities recommend that the City Council:

1. Approve a Professional Consultant Services Agreement with Onterris USA, Inc. of North Little Rock, Arkansas to provide emissions testing and environmental consulting services at Riverside Energy Resource Center, Clearwater, and Springs Power Plants for a 5-year term commencing July 1, 2027 through June 30, 2032, for a total agreement amount of \$1,723,815; and
2. Authorize the City Manager, or designee, to execute the Professional Consultant Services Agreement with Onterris USA, Inc., including making minor and non-substantive changes, subject to the availability of budgeted funds.



7

RiversideCA.gov