

Compliance Filing with CAISO: Approval of RPU Electric 2018 Annual Resource Adequacy Plan

Riverside Public Utilities
Power Resources Division

Board of Public Utilities
October 23, 2017

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BACKGROUND

1. Resource Adequacy describes a utility's procurement of sufficient power supply capacity to serve its customers, plus additional storage for unanticipated circumstances such as outages.
2. Section 40 of the CAISO tariff governs the RA Program requirements for load serving entities participating in CAISO markets. It allows non-CPUC utilities, such as Riverside's City Council to adopt their own RA program.
3. On May 23, 2006, Riverside established its own RA program in response to Section 40 of the CAISO tariff.

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BACKGROUND

4. In June 2012, City Council approved a revised RA Program to reflect current grid operational conditions, delete obsolete provisions and ensure efficient implementation and reliability.
5. The current RA Program requires Riverside to prepare an Annual RA Plan each year for the following calendar year. Must have sufficient resources to serve at least 100% for non-summer months and 115% for summer months (July – September).
6. On November 13, 2012, City Council delegated the authority to approve future Annual RA Plans to the Board of Public Utilities.



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DISCUSSION

The 2018 Annual RA Plan:

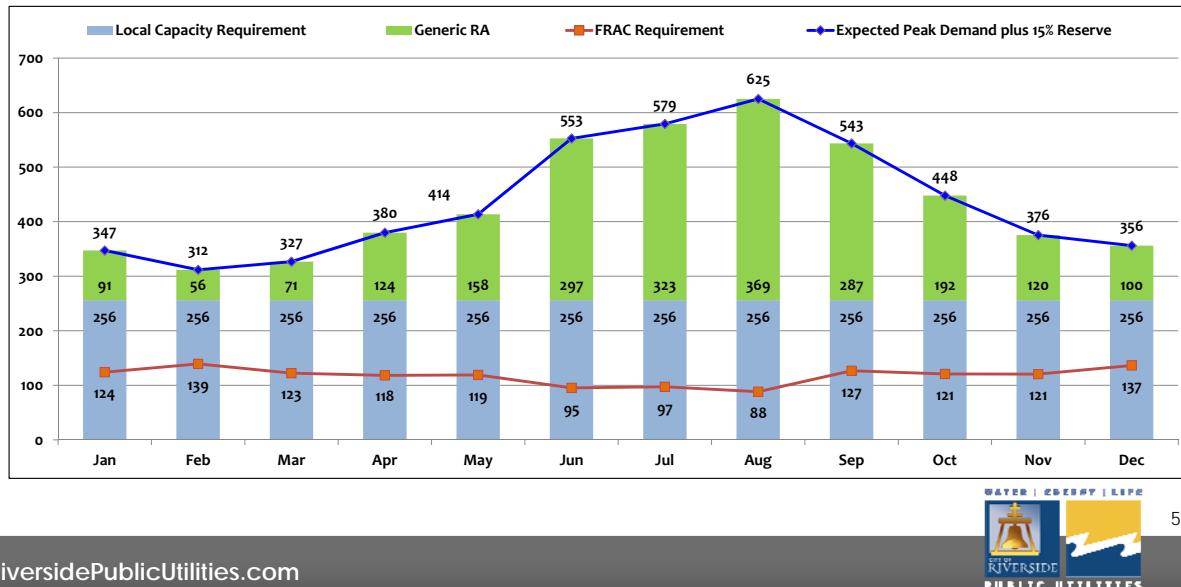
1. Includes the CAISO Flexible Resource Adequacy Criteria (FRAC) requirement.
2. Is fully compliant with the City Council's approved RA Program.
3. Assures sufficient capacity to serve Riverside customers' expected 2018 electrical requirements.



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2018 Generic, Local and Flexible RA Requirements



Recommendations

That the Riverside Public Utilities Board:

1. Approve the 2018 Annual Resource Adequacy Plan; and
2. Authorize filing the Annual Resource Adequacy Plan with the CAISO in compliance with Section 40 of its tariff.