



Quarterly Council Update

Riverside Public Utilities

Riverside City Council
October 24, 2017

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1

WATER HIGHLIGHTS

Jackson Avenue Recycled Water Pipeline Project (Phase I)

1. Board approved the project in June 2017 for \$8,609,000.
2. Phase 1 construction began – Van Buren Blvd. to Don Derr Park.



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2

WATER HIGHLIGHTS

Indiana Ave. and Mary St. Water Distribution Main Replacement Project

1. Board approved the project in June 2017 for \$1,284,968.
2. Replaces 4-inch cast iron and asbestos cement pipe installed in the 1940's.



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3

SOLAR HIGHLIGHTS

Cooley Solar Project

1. Electrical pad grounding installed

Scheuer Solar Project

1. Storm water retention pond construction complete
2. New RPU and solar area access roads construction complete

Garner Solar Project

1. Started solar panel installation



4

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ELECTRIC HIGHLIGHTS

1. MicroSynchro Phasors- Partnership with Department of Energy & Lawrence Berkeley National Lab.
2. Reduces the ability to detect system disturbances and works 400 times faster than SCADA.
3. Lessons learned will support the expansion of energy storage options.



5

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ADVANCE METERING INFRASTRUCTURE

1. AMI is an integrated system of smart meters, communications networks, and data management that enables two-way communication between the utility and customers.

2. Board approved \$3,000,000 with Utiliworks Consulting, LLC for the infrastructure upgrade.



6

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WOW CUSTOMER SERVICE

"Our oldest daughter heard a crackling noise, looked up and noticed Mylar balloons in a high voltage line. I contacted RPU, gave them the location and boom, Ray, a lineman with the City was out there in no time! Great job!"



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7

GREEN RIVERSIDE

1. The Riverside Convention Center was recognized as a Certified California Green Business.

"From recycling, to low-use water fixtures, to our own farm-to-table garden and citrus grove, sustainability is a part of the unique experience we offer our guests. This recognition is testament to our commitment to providing our guests the best hospitality in an environmentally friendly fashion."



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8

MUTUAL AID

1. RPU provided mutual aid under the Southern California Public Power Authority mutual aid agreement to help repair over 80 damaged poles in the Imperial Valley Irrigation District service area.
2. RPU sent 6 crew members and 5 trucks to work for a week.



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9

COMMUNITY HIGHLIGHTS

1. RPU celebrated Customer Service Week and Public Power Week October 2-6.



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10

COMMUNITY HIGHLIGHTS

1. RPU participated in Long Night of Arts & Innovation and the STEP Conference at Bourns Inc. showcasing how the grid works on a smaller scale.



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11

Recommendation

That the City Council receive and file this report.

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12