



*Arts & Innovation*

# Riverside Public Utilities

---

**CMUA Water/Energy Briefing**

**February 25, 2016**

**Kevin S. Milligan, P.E.**

**Utilities Deputy General Manager**

# Riverside at a Glance

Full service municipal water and electric utility

- Established in 1895
- 82 square mile service territory
- 305,000 service population – fully metered
  - 105,000 electric meters
  - 67,000 water meters



WATER | ENERGY | LIFE



# RPU Governance and Organization

- City Council – City Manager form of government
- Riverside Public Utilities is a department of the City
- RPU led by General Manager Girish Balachandran
  - Reports to City Manager
  - 9 member citizen advisory board – Board of Public Utilities
- Six divisions within RPU
  - Energy Delivery
  - Power Resources
  - Water
  - Customer Relations
  - Office of the GM
  - Finance

# Strategic Planning

- 2015 RPU completed Utility 2.0 strategic plan
- Comprehensive forward look
- Identifies 10-year \$1 billion infrastructure plan
  - Ensure resilient & sustainable water supply
  - Ensure reliable electric supply
  - Implement workforce development plan
  - Implement fiber business plan
  - Implement customer focused technology

# Water Utility and Supply

- Founded in 1870 as private utility
  - Became municipal utility in 1913
- 100% local water supply
  - Sustainable adjudicated groundwater basins
  - Potable, non-potable and recycled water systems
- No dependence on State Water Project

# Water Conservation

- Assigned to 28% conservation bracket
- Created “Less Water More Color” campaign
- Self funding turf replacement program



**LESS WATER, MORE COLOR**

# Impacts of SWRCB Regulations

- 21% revenue loss compared to 2013
- Revenue too low to support new debt
- Required technology investment unmet
  - Automated metering
  - Customer information systems
- Revenue model broken
  - Need shift to higher fixed charges
  - Proposition 218 requirements onerous

# Electric Utility and Supply

- Established 1895 as municipal light department
- Currently 25<sup>th</sup> largest municipal utility in nation
- Historic peak demand = 610 MW
- Energy resources = 24% renewable
  - On track to meet 50% renewable by 2030



# Energy Programs

- Net Energy Metering
  - Implemented expedited approval process in 2015
  - 1,900 residential and commercial customers
  - 18 MW installed capacity
  - Approximately 60% toward our cap
- Other in system solar
  - 10 MW installed capacity

# Energy Programs

---

- Electric Vehicles
  - Estimated 300+ in community
  - 25 public charging stations
    - Municipal facilities
    - Public locations
  - Piloting new Level 3 fast charger

# Energy Program Impacts

- RPU Goal: allow customers access to what they want
  - Solar
  - EV's
- Critical to avoid cross subsidies
- Need to address revenue/expense imbalance

# Questions?

---

Kevin S. Milligan

Deputy General Manager

Riverside Public Utilities

[kmilligan@riversideca.gov](mailto:kmilligan@riversideca.gov)

951-826-5780

3750 University Ave., Suite 300 | Riverside, CA 92501

[RiversidePublicUtilities.com](http://RiversidePublicUtilities.com)

[GreenRiverside.com](http://GreenRiverside.com)

[BlueRiverside.com](http://BlueRiverside.com)

RiversidePublicUtilities.com

