

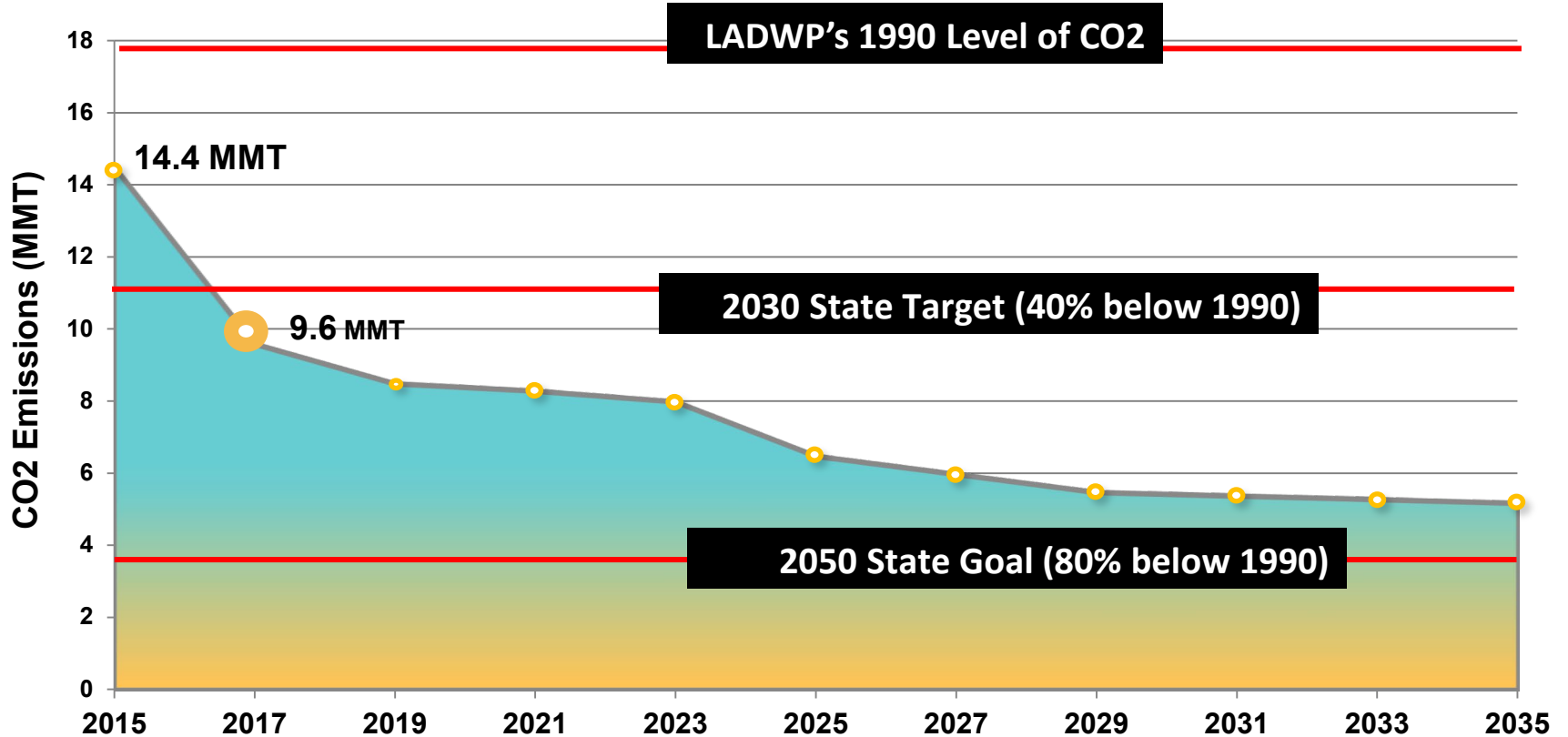


Clean Energy Future: Our Path Forward

Historical Innovations Bringing Water and Power to L.A.



Beating State GHG Targets



Major Renewable Projects



**Pine Tree
Wind & Solar**

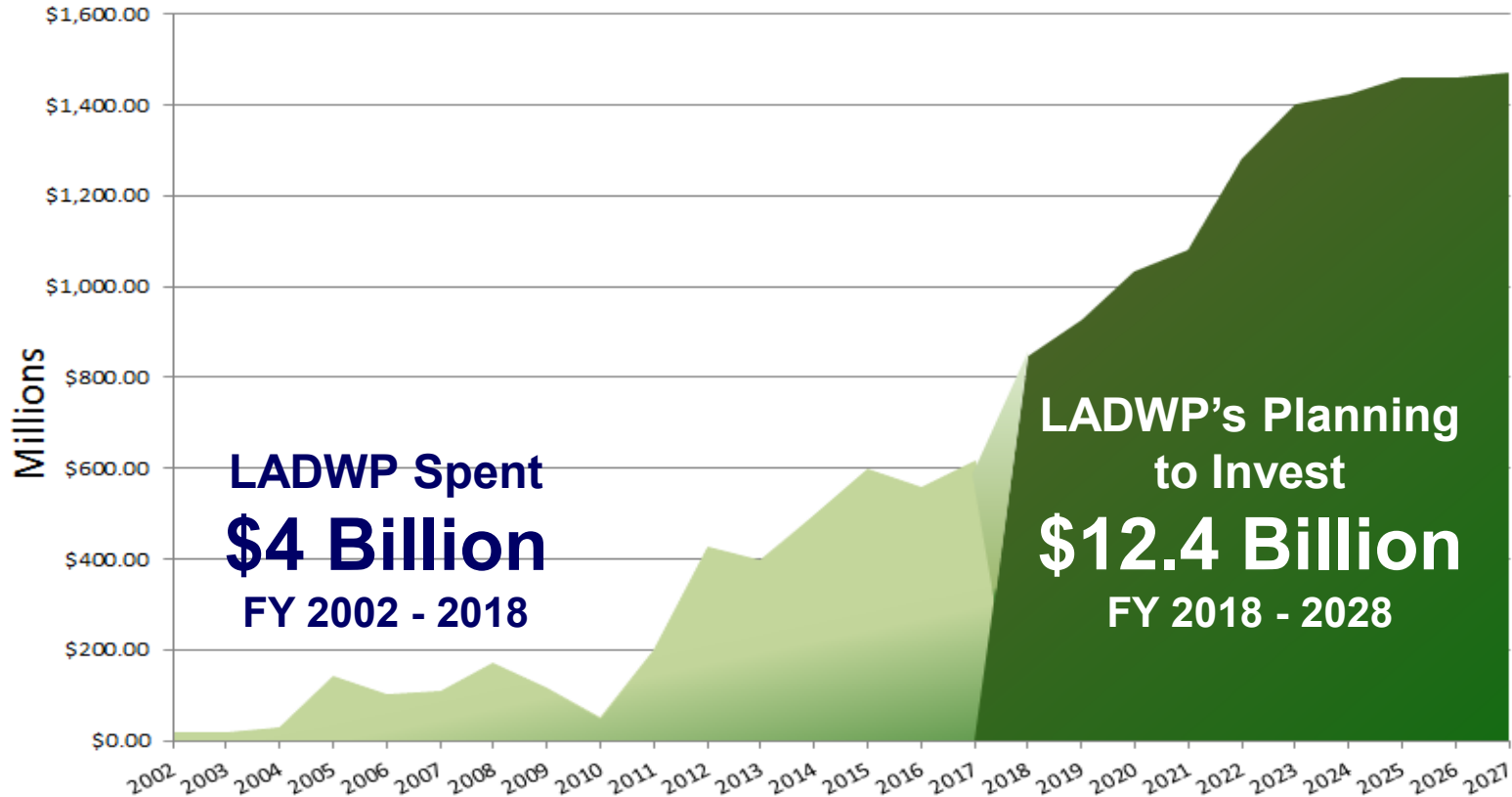


Beacon Solar



Barren Ridge Transmission

Investing in Clean Energy



Energy Transformation is Complex!

We must be –



Green



Reliable



and Affordable

Clean Grid L.A.

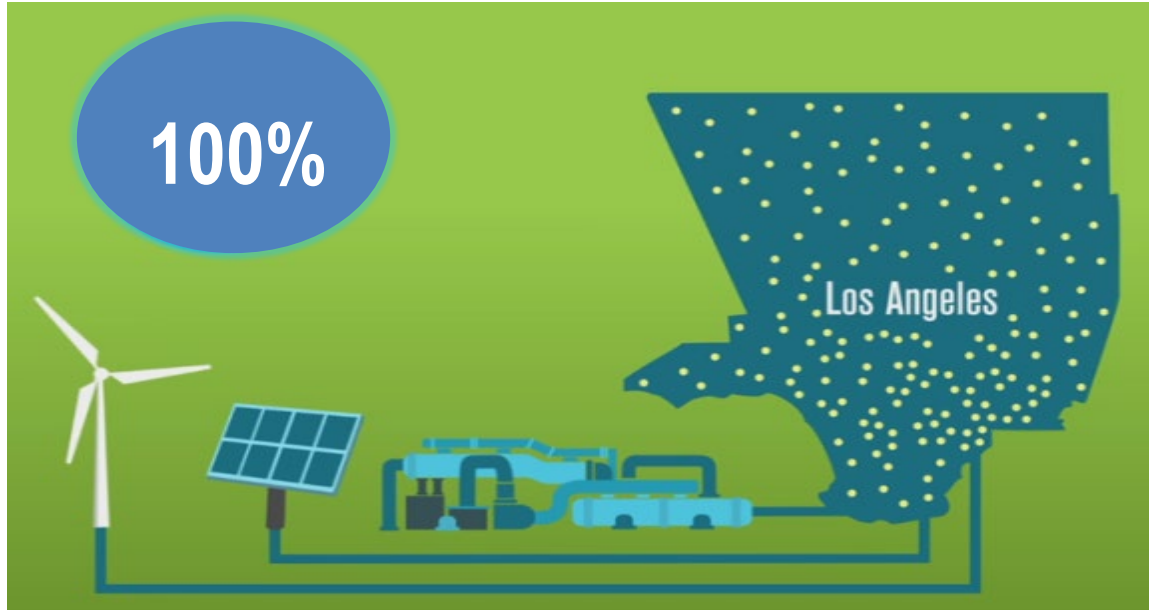
Plan for Local Power Grid –Guiding Principles

- Ensure Reliability
- Environmentally Beneficial
- Allow Flexibility
- Sensitive to Rate Impacts

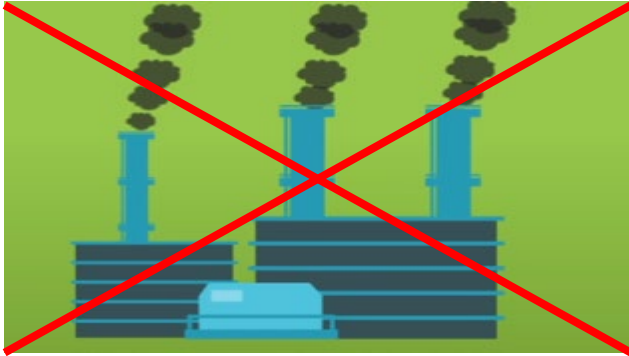


Clean Grid L.A. Goals

L.A.'s Clean Grid will support 100% renewables by 2045 and carbon neutrality by 2050.



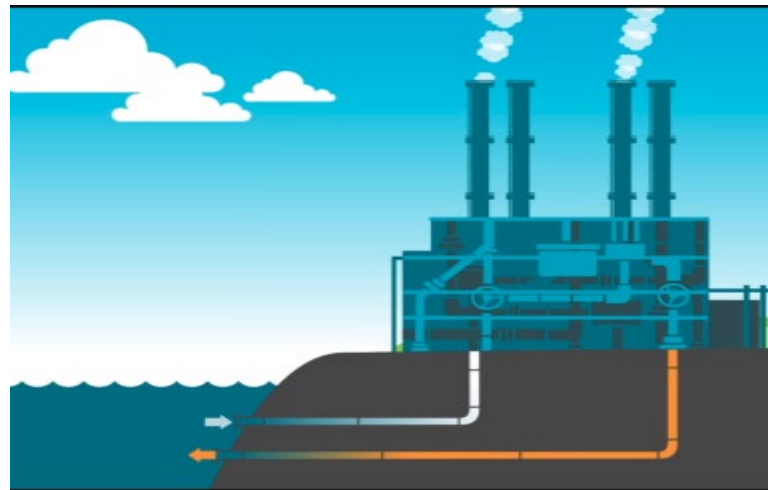
We Will Achieve These Goals Through—



- Investing strategically in local transmission and distribution to enhance grid reliability
- Seeking out innovative and new technology
- Ensuring all Angelenos benefit
- Phasing out local, fossil fuel generation
- Checkpoints to ensure grid reliability

Next Steps

- Request to align all Ocean Water Cooling deadlines to 2029
 - Shift focus on repowering Scattergood and other in-basin power plants to clean repowering alternatives
- Issue RFI for new Distributed Resources (i.e. Solar, Demand Response, Energy Storage, Microgrid)
- Convene Transmission Working Group
 - Work with neighbor utilities to maximize resources



Finalize Clean Grid L.A. Plan by 2020

- Complete and incorporate findings of 100% Renewable Study
- Identify investments to upgrade local transmission and distribution
- Update goals and budget to maximize energy efficiency
- Plan grid-scale energy storage
- Plan upgrade of pollution control equipment
- Issue RFP for expanding distributed energy resources
- Develop accelerated electrification strategy
- Evaluate in-depth path to carbon neutrality by 2050
- Provide complete financial analysis and rate review

Clean Grid L.A. Investments

Renewables



in basin &
out-of-basin **solar**



wind



geothermal

Storage



**battery/energy
storage
new technology**

Distributed Energy Resources



energy efficiency



demand response



rooftop solar

Transmission

**increased capacity
on external
transmission**



**in-basin
transmission
system
upgrades**

Partnerships and Public Engagement

- Postpone 2018 Strategic Long Term Resource Plan and merge into 100% Renewable Advisory Group
- Form Transmission-focused advisory group
- Partner with Labor, Private-Sector, Energy Experts, State Agencies
- Public outreach and workshops



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