



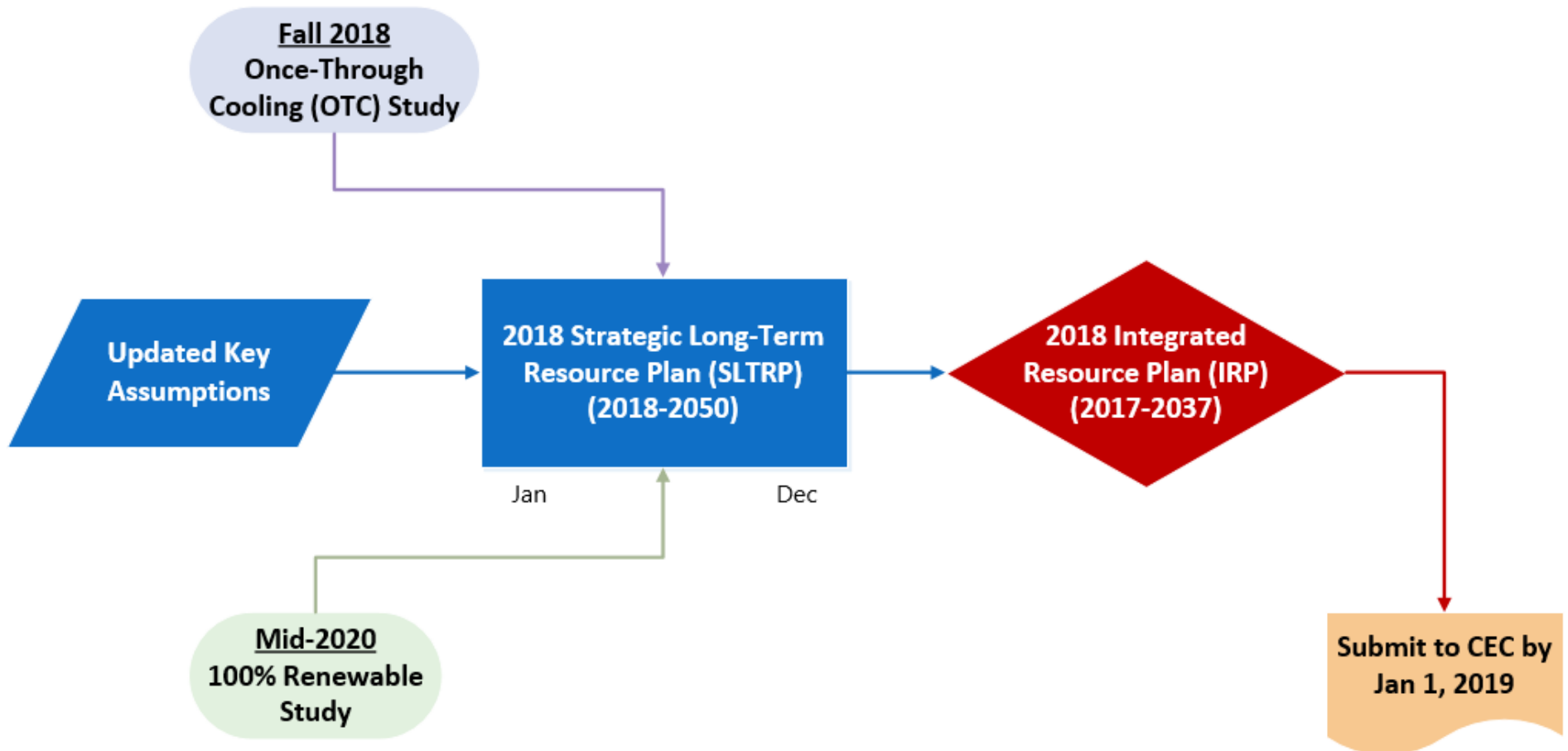
2017 Power Strategic Long-Term Resource Plan

Presentation to 100% Renewable Energy Study Advisory Group

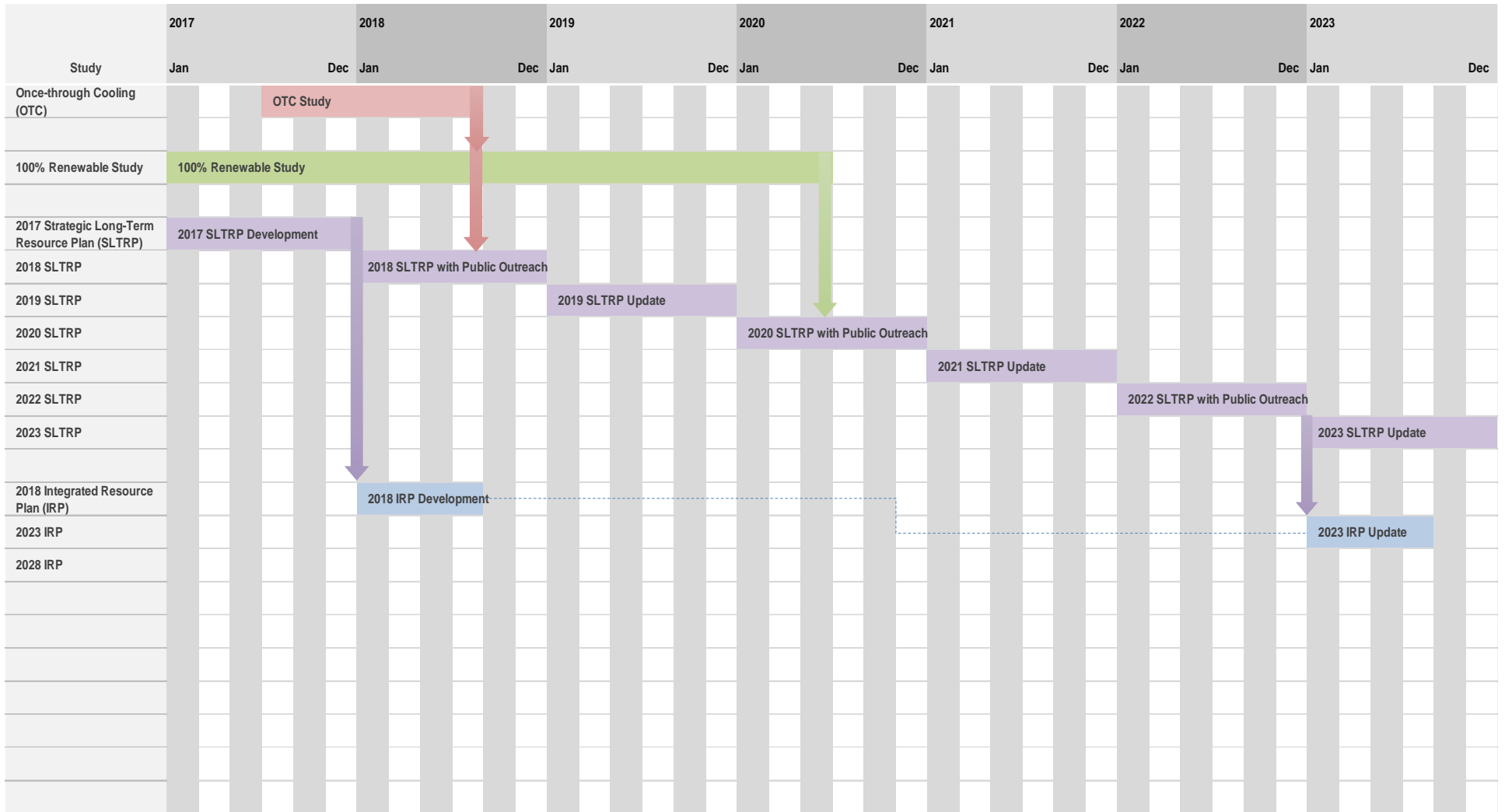
Website: www.ladwp.com/cleanenergyfuture

Putting Customers First 

2018 Strategic Planning Process



Strategic Planning Timeline



2017 Power Strategic Long-Term Resource Plan



Eliminate Coal from LADWP's Power Supply



Reach 33% RPS by 2020, 55% by 2030, 65% by 2036



Double Energy Efficiency by 2030



Develop Hybrid Energy Projects



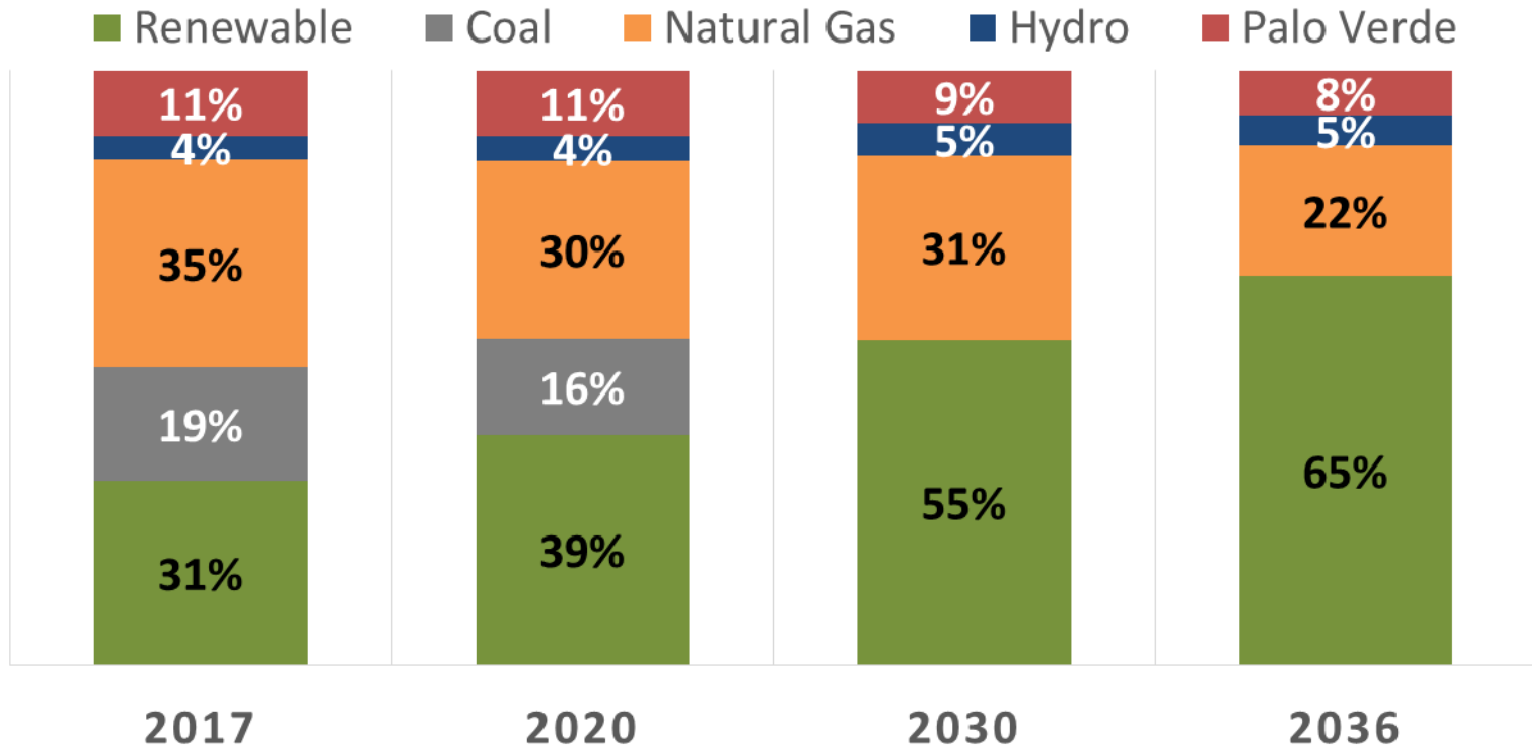
Accelerate Electric Vehicle Expansion



Invest in Power System Reliability Program

Transformation of Energy Resources

Resource Mix by Year

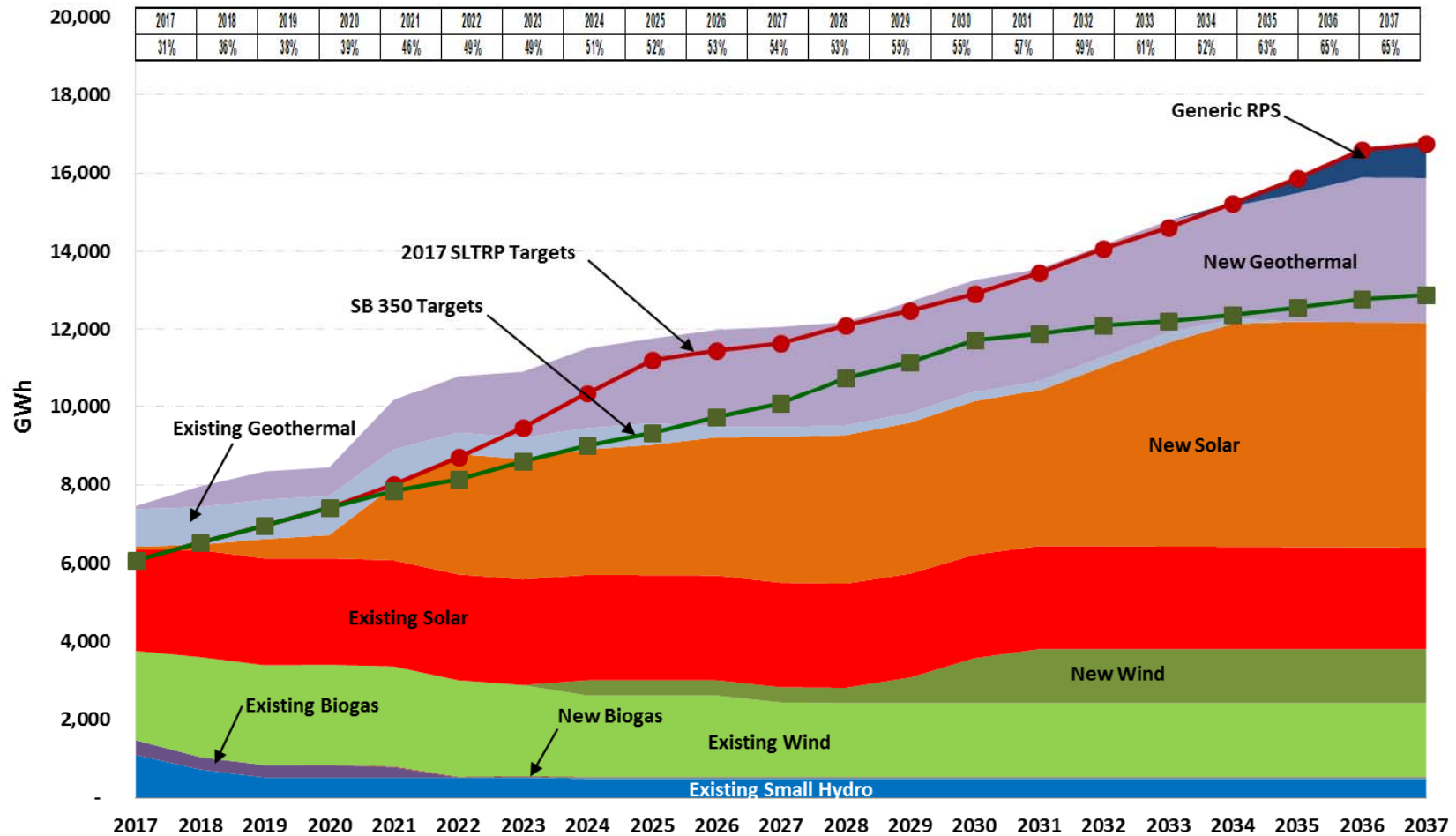


Note: Includes a doubling of energy efficiency by 2030

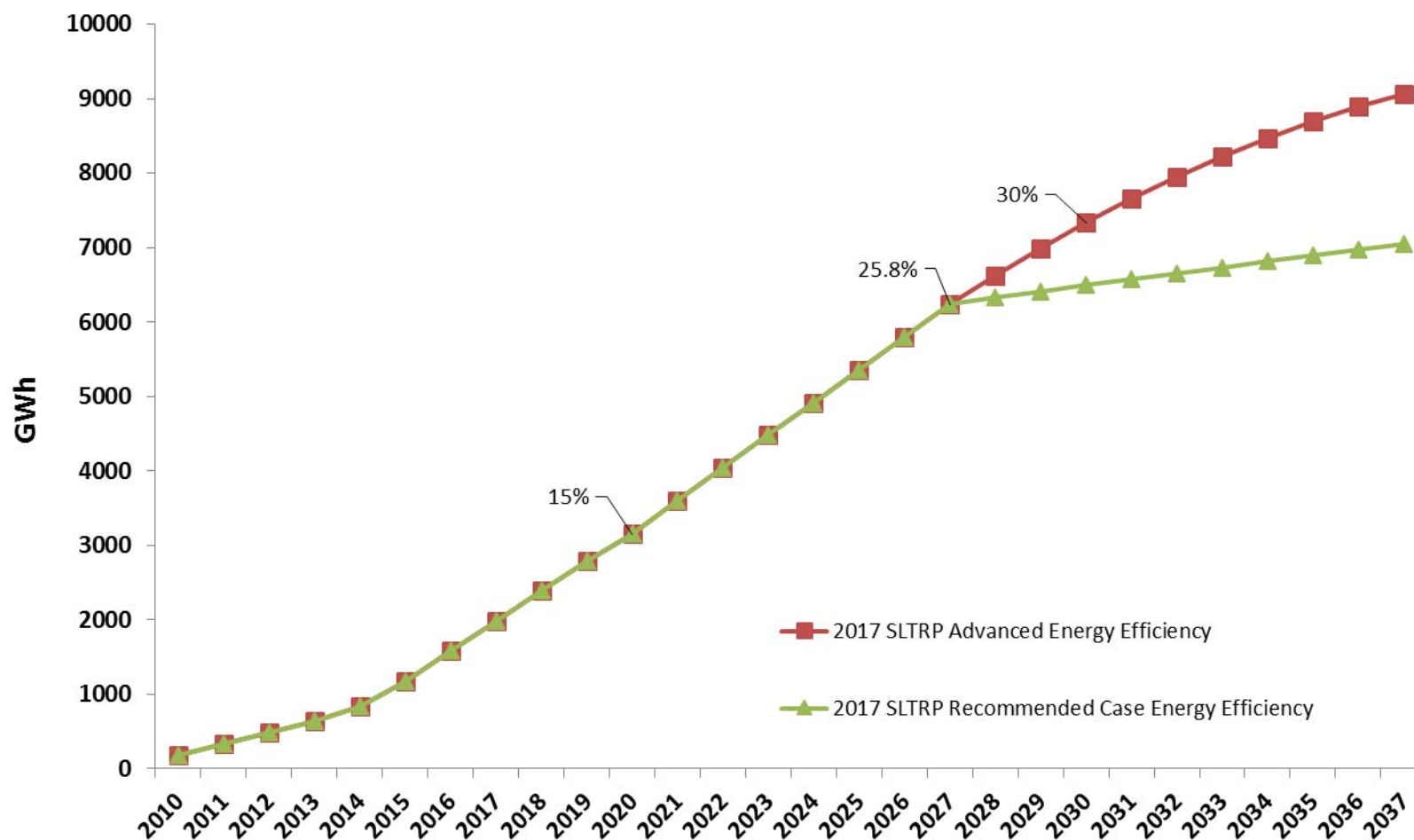


Renewable Portfolio Standard Growth

RPS Generation

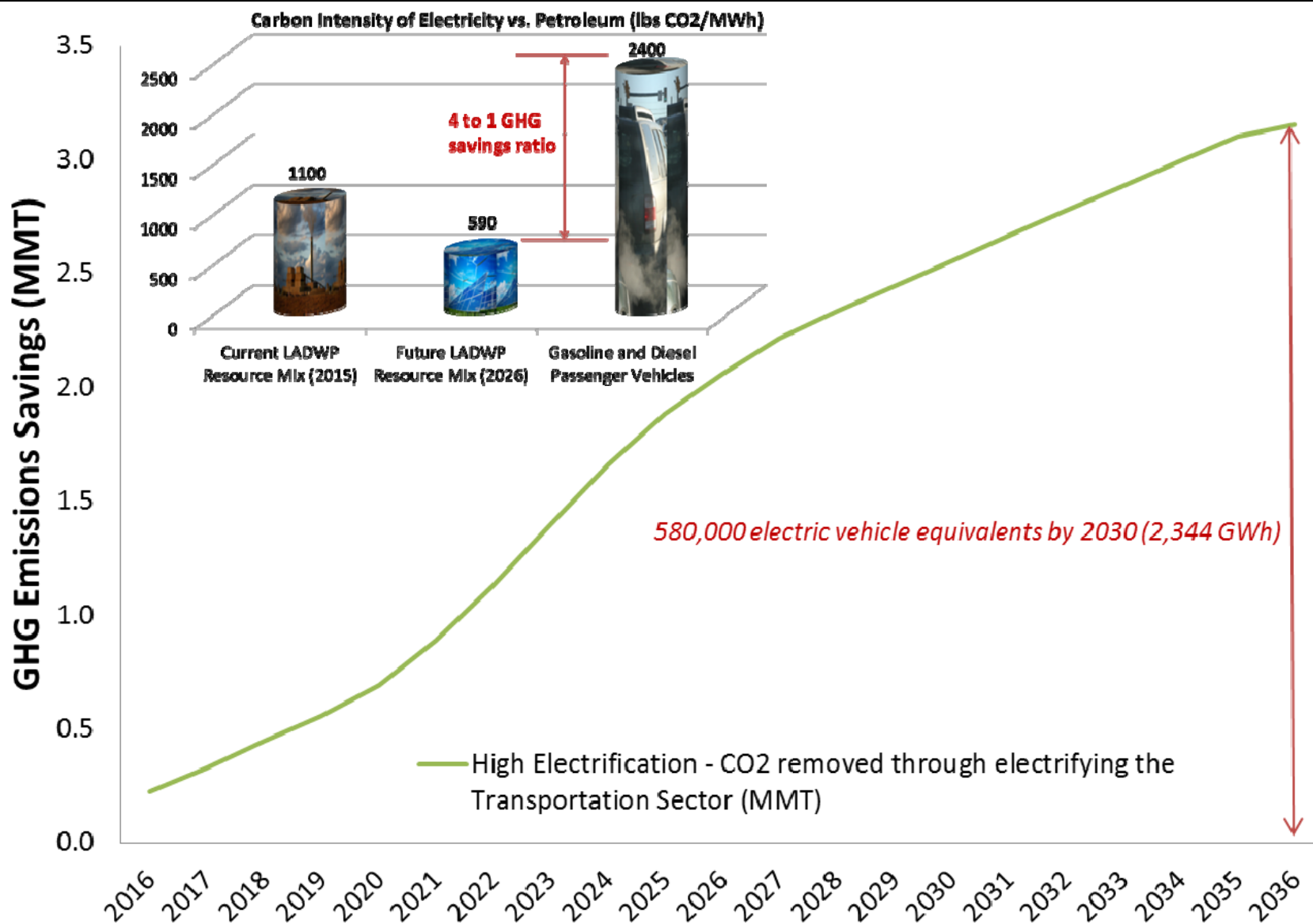


Energy Efficiency Cumulative Savings



Note: Estimated energy efficiency cumulative savings including codes & standards

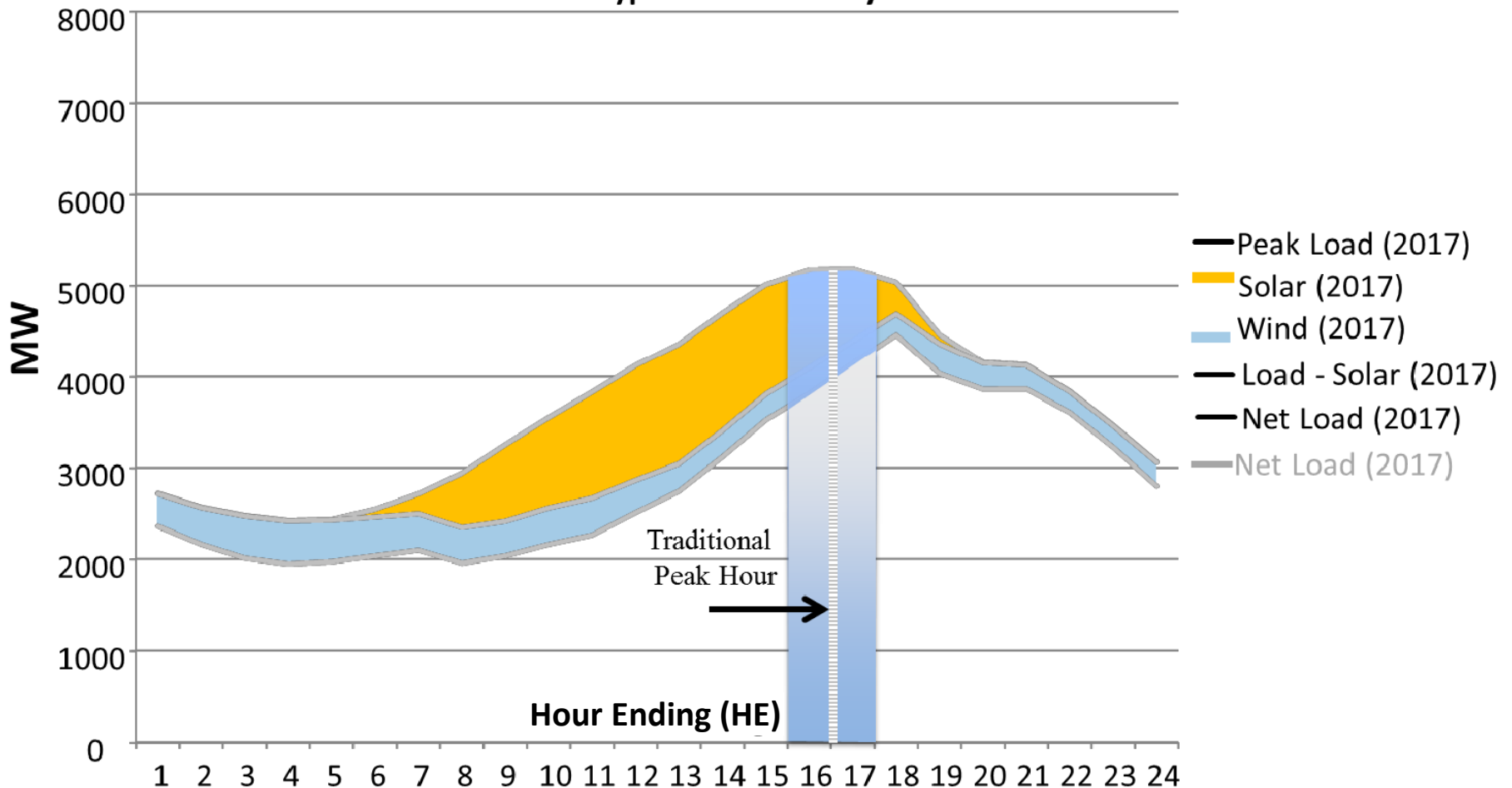
Transportation Electrification



Dependable Capacity

Definition: A generating plant's maximum output it can reliably produce with 95% certainty when required during the net peak hour (load minus variable energy resources)

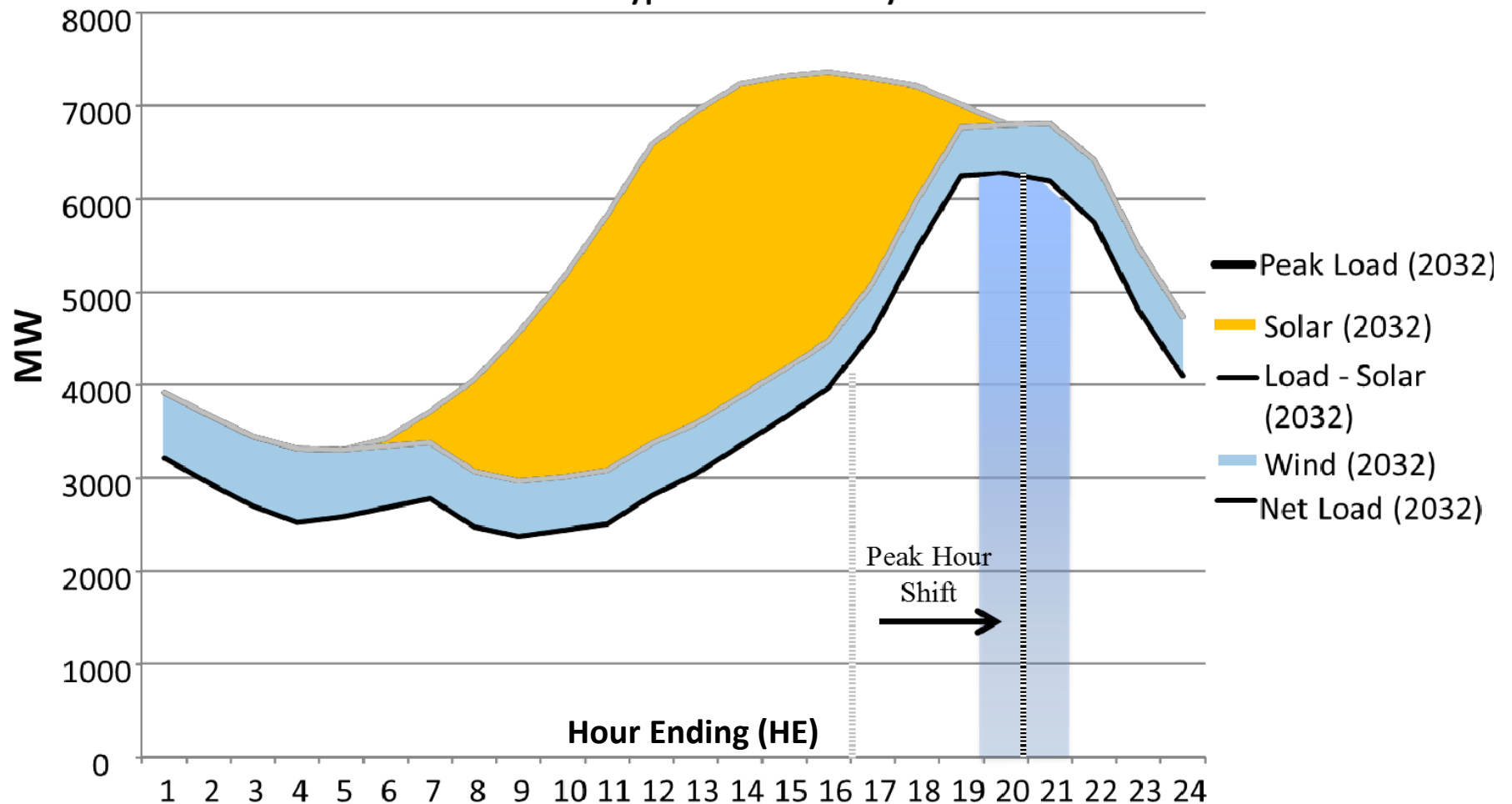
Net Load (Load minus Solar and Wind)
Typical Summer Day



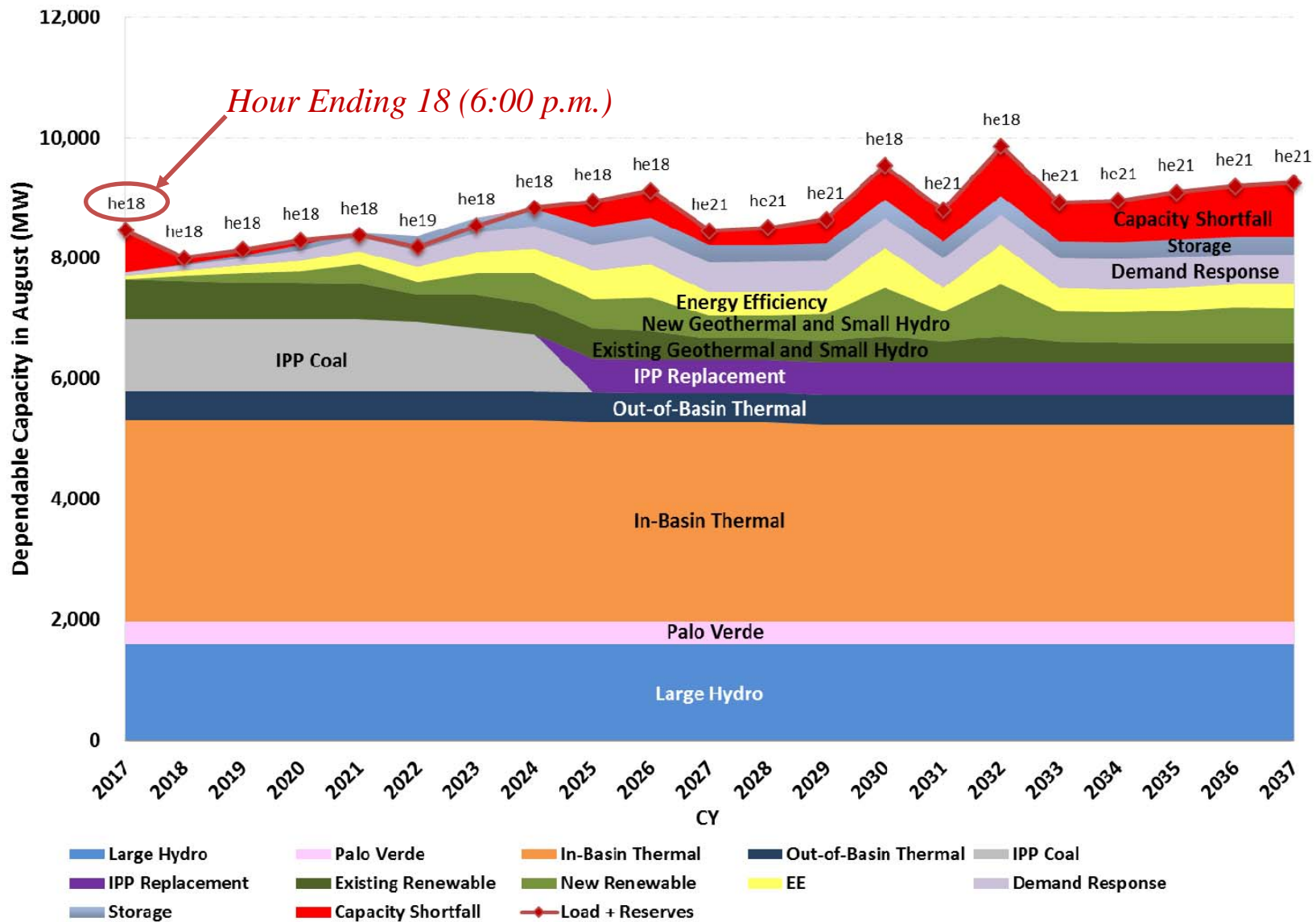
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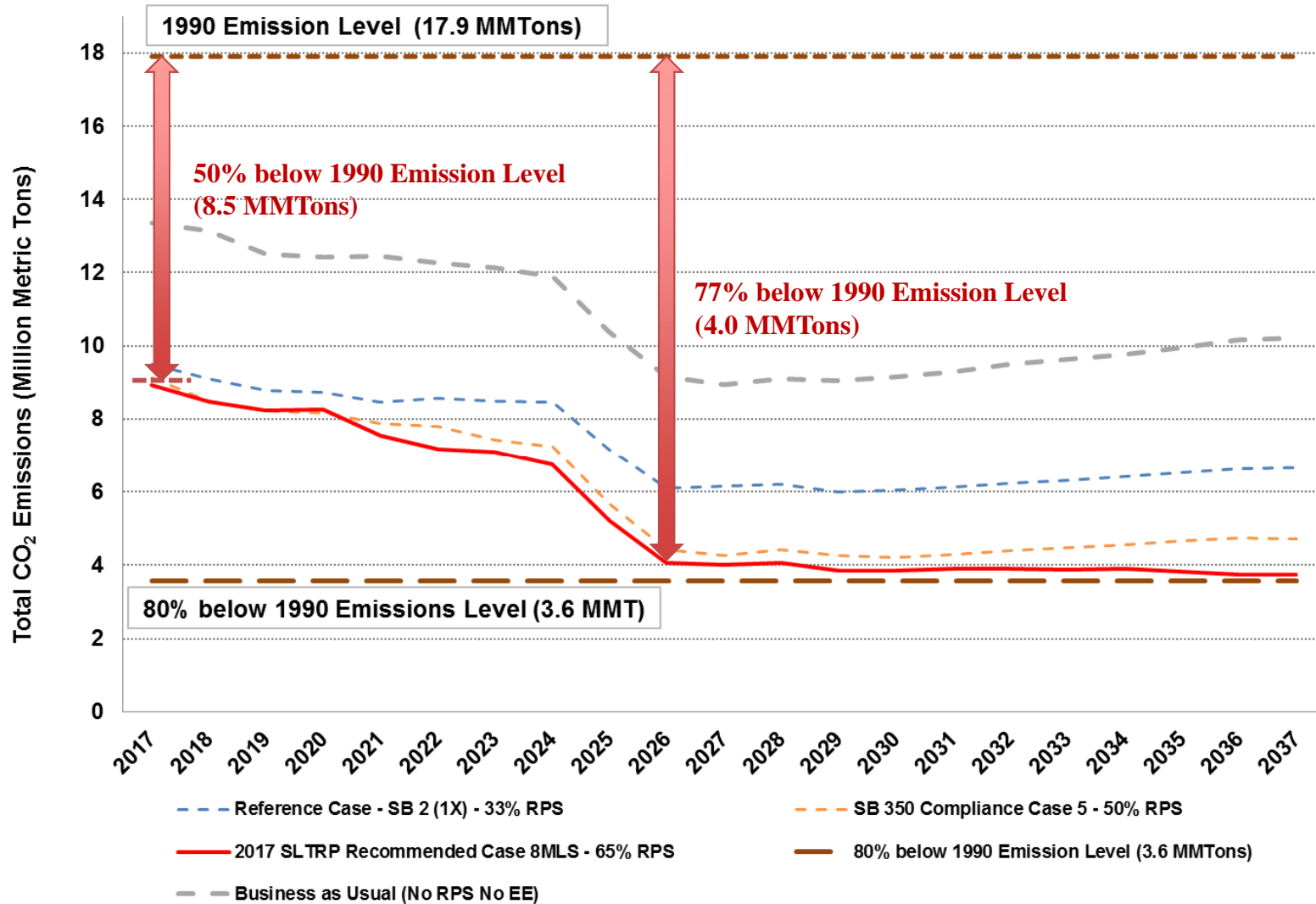
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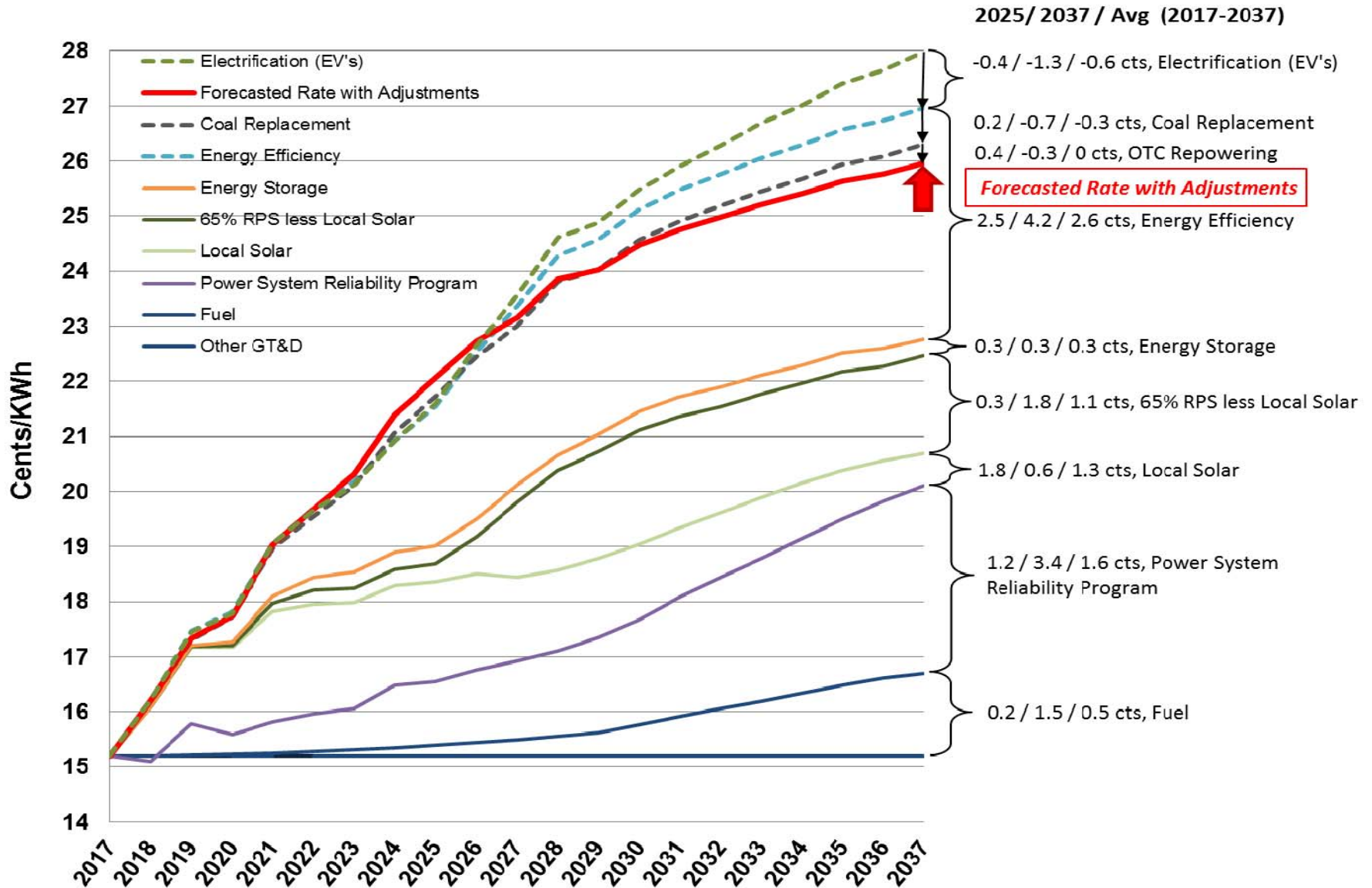
Dependable Capacity Profile



Greenhouse Gas Emissions Forecast



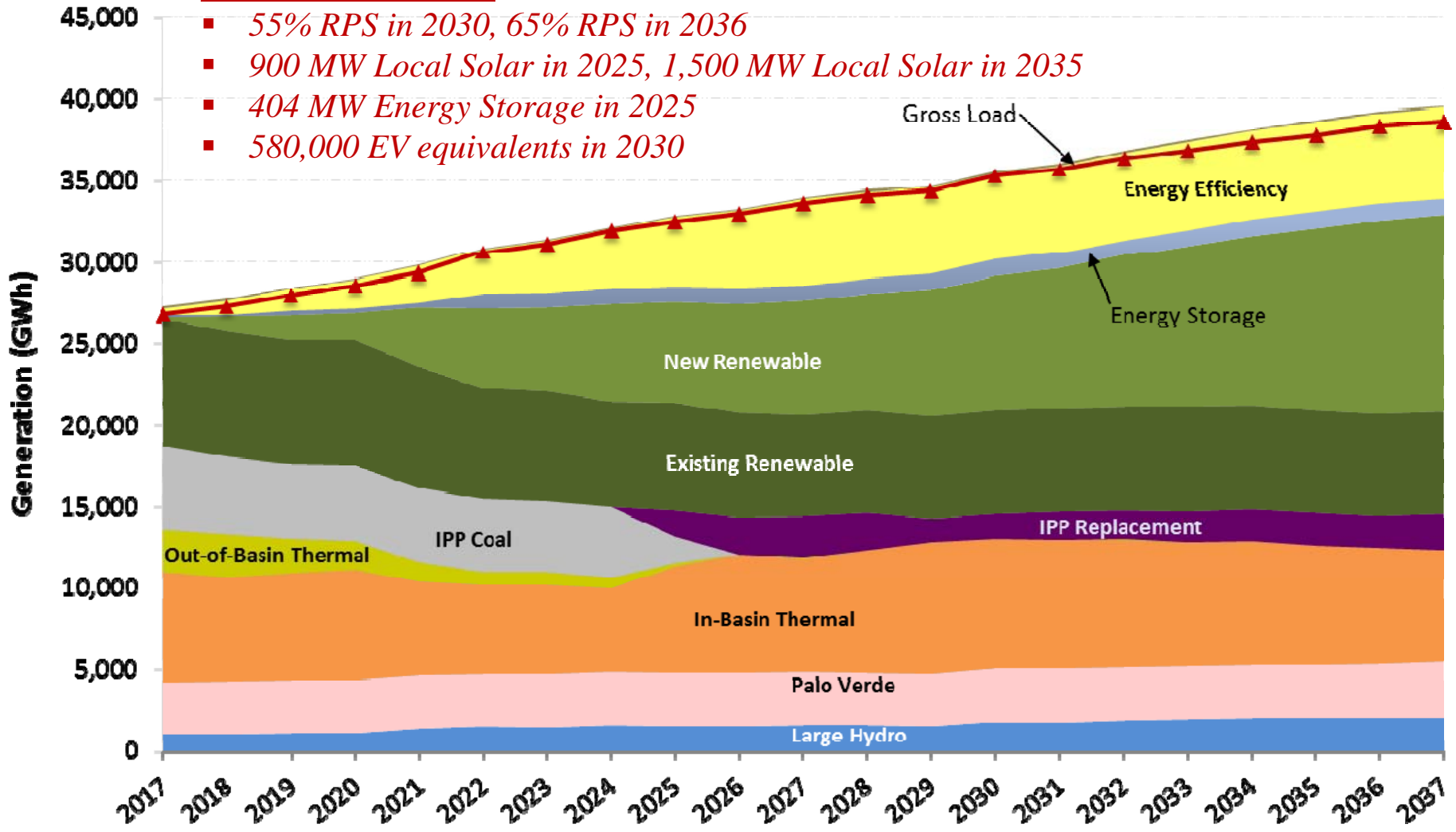
Rate Layer Diagram



2017 SLTRP Resource Timeline

Recommended Case: (same as 2016 IRP Recommended Case)

- *55% RPS in 2030, 65% RPS in 2036*
- *900 MW Local Solar in 2025, 1,500 MW Local Solar in 2035*
- *404 MW Energy Storage in 2025*
- *580,000 EV equivalents in 2030*



For more information, visit:
www.ladwp.com/powerSLTRP

Questions?

