



## ENERGY EFFICIENCY AND DEMAND REDUCTION TEN-YEAR TARGET

Public Utilities Department

City Council  
June 15, 2021

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## LEGISLATIVE HISTORY

AB-1890 Public Benefits Charge – 2.85%

Mandated an established usage-based charge to be used for:

1. Low Income Assistance
2. Energy-Efficiency and Conservation Programs
3. Renewable Energy
4. Research, Development and Demonstration



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## LEGISLATIVE HISTORY

SB-1 (2006) California Solar Initiative (CSI)

Mandated solar goals/expenditures

AB-2021 (2006)

Mandated RPU identify, target and achieve all cost-effective energy savings and report goals every three years to CEC

SB-1037 (2006)

Mandated annual reporting

AB 2227 (2012)

Target setting to 4-year cycle



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## GDS ASSOCIATES, INC. PERFORM POTENTIAL STUDY

1. Every 4 Years kWh Savings Goals are re-evaluated.
2. GDS Associates, Inc. performs potential available for goals for CMUA Member Utilities.
3. Reports the potential based on gross savings as that is the model most Utilities in California are using.
4. GDS identified an average potential for savings at 0.59% of load each year over the 10-year period.

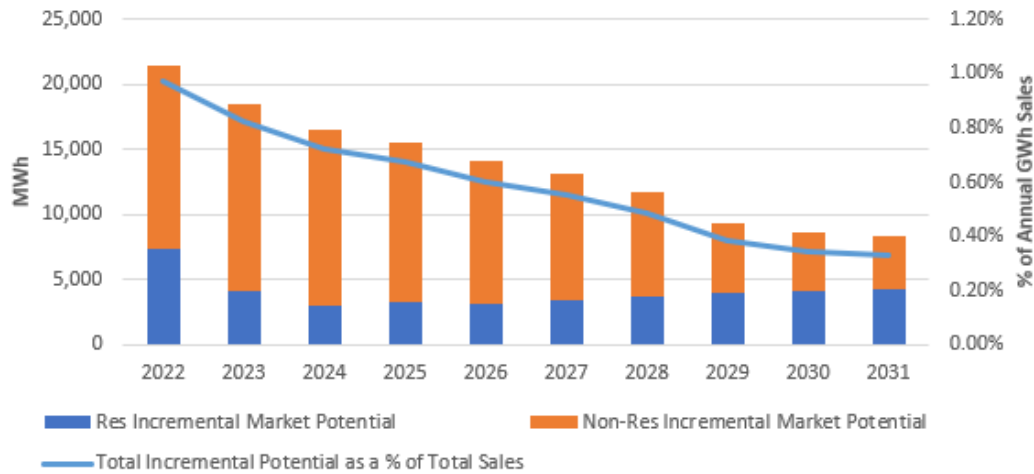


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## GDS POTENTIAL IDENTIFIED



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## GDS POTENTIAL IDENTIFIED, CONT.

10 Year Energy Goals (Incremental Net MWh)										
ALL Sectors (MWh)	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Total Market Potential	21,383	18,523	16,569	15,551	14,120	13,117	11,694	9,340	8,584	8,394
Res Market Potential	7,383	4,099	3,045	3,253	3,142	3,385	3,684	3,934	4,123	4,276
Non-Res Market Potential	13,999	14,425	13,524	12,298	10,978	9,732	8,010	5,407	4,461	4,118
Total Potential as a % of Total Sales	0.97%	0.82%	0.72%	0.67%	0.60%	0.55%	0.48%	0.38%	0.35%	0.33%
Res Potential as a % of Res Sales	1.04%	0.57%	0.42%	0.45%	0.43%	0.46%	0.50%	0.53%	0.55%	0.56%
Non-Res Potential as a % of Non-Res Sales	0.94%	0.94%	0.86%	0.78%	0.68%	0.59%	0.48%	0.32%	0.26%	0.23%



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## RECOMMENDATION

That the City Council approve the Riverside Public Utilities updated Annual Energy Efficiency and Demand Reduction Goal of 1% of annual projected retail energy sales for the period beginning 2022 through 2031.



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