

February 20, 2024

Assembly Utilities & Energy Informational Hearing

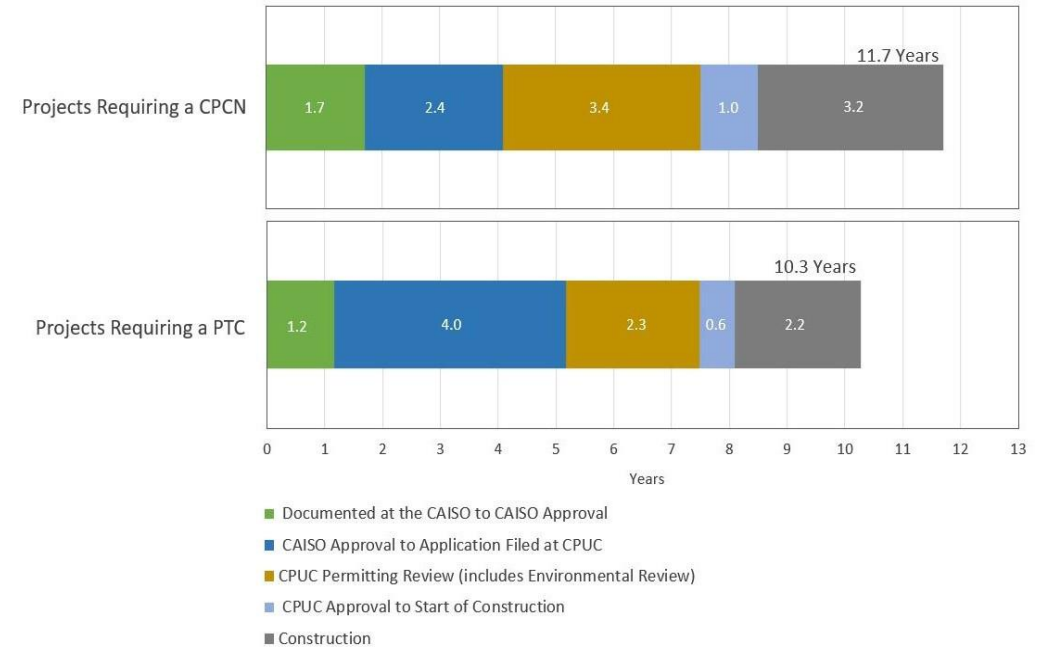
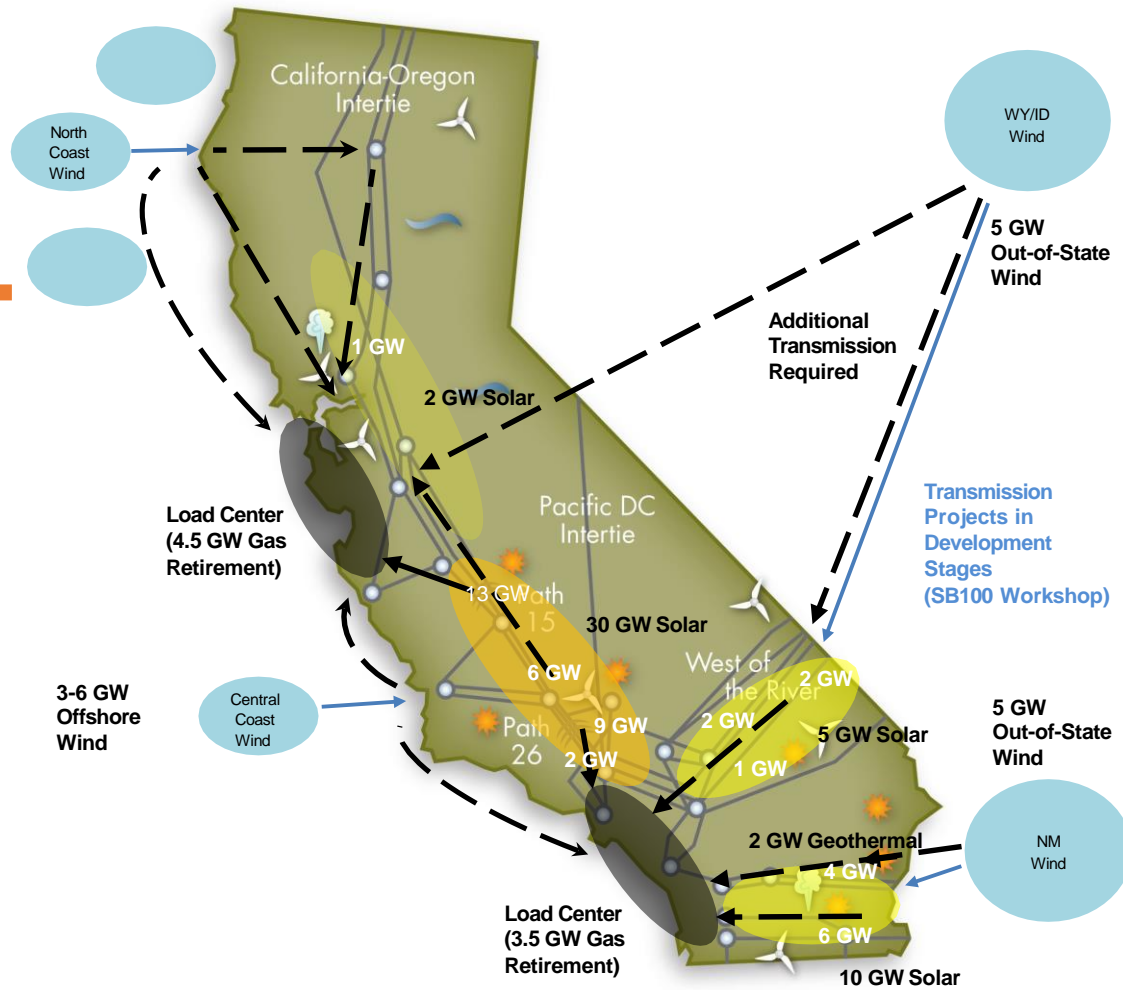
Resource Planning

AB 525 Offshore Wind Planning Targets	
2030	2-5 GW
2045	25 GW

Planned and Selected Capacity (GW) for 25 MMT Core Case

Resource Category	2030	2035	2039	2040	2045
Geothermal	1.5	2.0	2.0	2.0	2.0
Biomass	0.2	0.2	0.2	0.2	0.2
In-State Wind	5.0	7.0	7.0	7.0	8.3
Out-of-State Wind	5.3	7.1	9.1	9.1	12.7
Offshore Wind	0.0	4.5	4.5	4.5	4.5
Solar	14.8	19.0	30.7	35.0	57.5

Transmission Development

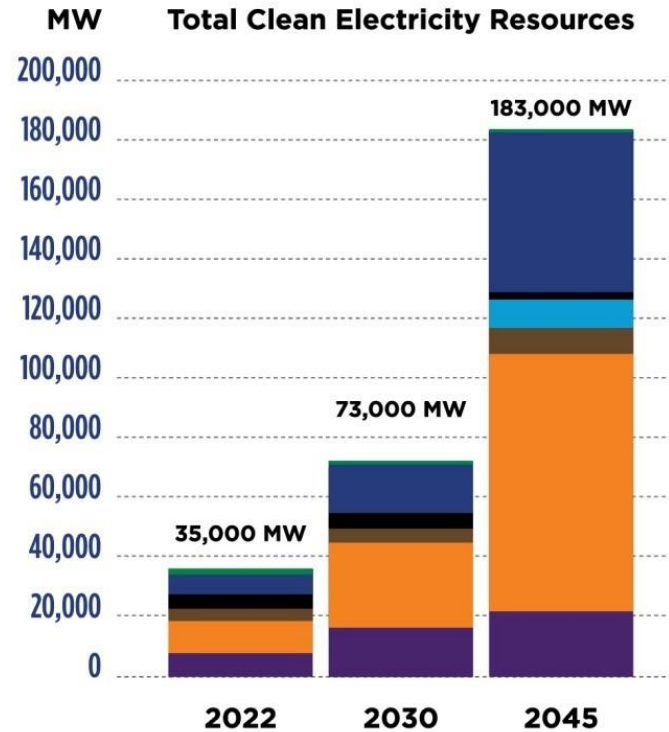
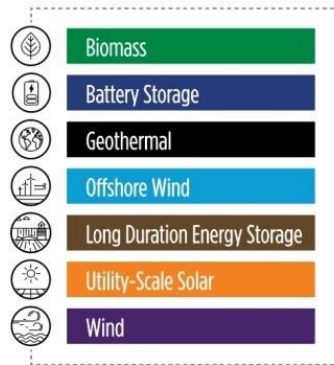


Avg. timeline of 14 CAISO-approved transmission projects (CalPA, 2/5).

Land Use and Sea Space

Totals represent new and existing resources. The 2021 SB 100 Joint Agency Report projects the need for 148,000 MW of new resources by 2045.

In addition, California also expects new capacity from energy efficiency, customer solar and demand response.



Source: 2021 SB 100 Joint Agency Report

New national monument proposed

A coalition of organizations is proposing the nearly 700,000-acre Chuckwalla National Monument south of Joshua Tree National Park.



Source: California Wilderness Coalition

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