



# **IEPR Commissioner Workshop on Senate Bill (SB) 605 Wave & Tidal Energy**

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# California's

## Clean Electricity Goals



2020

33%

Under the Renewables Portfolio Standard, eligible resources include solar, wind, geothermal, biomass and small hydroelectric.



2030

60%

2045

100%



Under SB 100 which expands eligibility to include additional carbon-free resources



# SB 605 Statutory Requirements

As part of the 2024 Integrated Energy Policy Report, the Commission, in consultation with other state agencies, shall evaluate the feasibility, costs, and benefits of using wave and tidal energy, including:

- Evaluate factors that may contribute to the increased use of wave and tidal energy.
- Evaluate wave and tidal energy transmission needs and permitting requirements, and economic and workforce development needs.
- Identify near-term actions related to investments and the workforce for wave energy and tidal energy projects.
- Provide findings on the technological and economic feasibility of deploying offshore wave and tidal energy.
- Identify a monitoring strategy to evaluate impacts from wave and tidal energy projects to marine and tidal ecosystems and affected species.



# Additional SB 605 Statutory Requirements

The Commission, in coordination and consultation with other state agencies, shall work with California Native American tribes, fishing communities, industry, nongovernmental organizations, and other stakeholders, to...

- Identify suitable sea space for offshore wave energy and tidal energy projects in state and federal waters.
- Identify measures that would avoid, minimize, and mitigate environmental and ecosystem impacts and use conflicts, and for monitoring and adaptive management for offshore wave energy and tidal energy projects.





# Coordination and Engagement

- State and federal agencies
- California Native American tribes
- Commercial and recreational fishing communities
- Disadvantaged communities
- Commercial shipping
- Wave and tidal energy industry
- Environmental non-governmental organizations



# SB 605- IEPR Report Timeline

August 22,  
2024

- Public comments on workshop and draft consultant report Due

End-Sept  
2024

- Finalize SB 605 consultant report (public comments incorporated)

End-Oct 2024

- Post Draft 2024 IEPR Update



# Resources

## CEC SB 605 Webpage

- CEC wave and tidal webpage

## IEPR List Serve

- Subscribe to IEPR list serve for updates
- [2024 Integrated Energy Policy Report Update \(ca.gov\)](#)

## Wave and Tidal Energy Docket (documents for proceeding)

- Docket: 24-IEPR-04
- [California Energy Commission : Docket Log](#)