

**DOCKETED**

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# Electric Program Investment Charge 2021-2025 Investment Plan Scoping - Offshore Wind Energy R&D Opportunities for EPIC 4

## Panel Discussion Questions

### Topic 1: Research and Development Opportunities for Floating Offshore Wind (FOSW)

- What technical developments are most critical to early deployment (next 5 to 10 years) of FOSW in California?
- What specific research needs, or promising innovations, would help address cost reductions?
- What target performance metrics, other than levelized cost of energy, would you recommend to measure success of floating offshore wind systems?

### Topic 2: Facilitating Early FOSW Deployments in California

- What are some research opportunities for advancing floating offshore wind energy to accelerate the transition to clean energy?
- What innovations would help the offshore wind industry capitalize on its complementary generation profile with solar?
- What does the grid of the future look like and what are key challenges to grid integration and transmission that can be addressed through research?

### Topic 3: FOSW Environmental Impact Assessment and Minimization

- What areas of environmental research are most critical to support sustainable development of FOSW on California's Outer Continental Shelf?
- What mitigation tools can and should be prioritized for development, where environmental impacts are sufficiently understood? Can some impacts be reduced through smarter design of FOSW technologies?
- What advances in monitoring technologies are most needed to support adaptive management for FOSW?