Pacific Marine Energy Center

Belinda Batten

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Oregon State University
University of Washington

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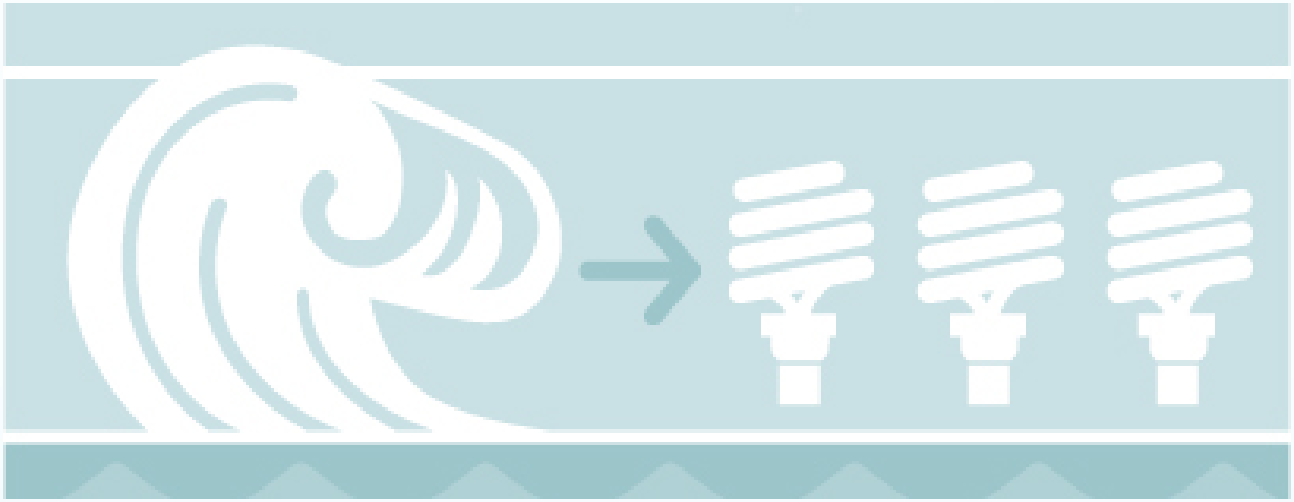
US Grid-Connected Site



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Site Selection Process

Action	Who	When
Feasibility Study	PEV/NNMREC	December 2011
Meetings in Communities	NNMREC	January – August 2012
Technical Site Development Plan	EMEC	June – October 2012
Town Hall Meetings	NNMREC/OWET	August 2012
Two Communities Selected	NNMREC/OWET/EMEC/Community Input	September 2012
Suitable Sites Proposed	Community Siting Committees	December 24, 2012
Suitable Sites Analyzed	EMEC, NNMREC	December - January
Site Selected	NNMREC	January 2012

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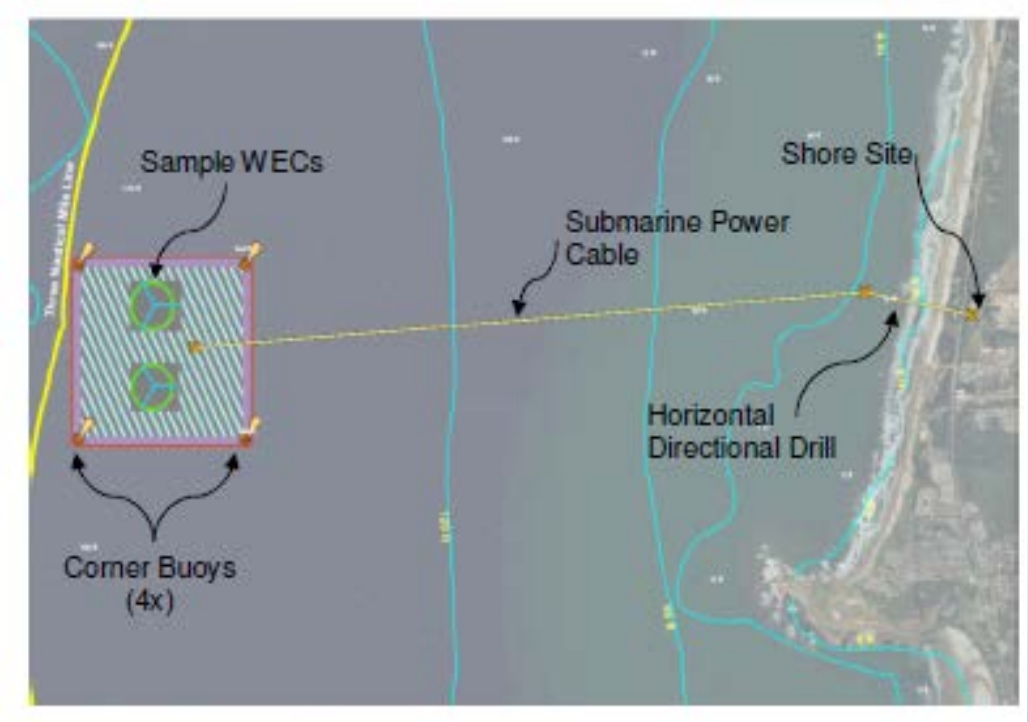
Pacific Marine Energy Center (PMEC)

- Shore-side infrastructure
- Bury cable to test site
- Attachment points to devices



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PMEC

- **Two siting proposals requested: Newport, Reedsport**
- **Desired Site Characteristics**
  - 60m in depth, 80 – 100m optimal
  - Sandy or soft bottom preferred
  - Proximity to deep water port (min 30 – 35m depth)
  - Suitable on-shore location for monitoring
  - Proximity to Interconnection: Maximum desired cable length: 3 – 5 miles
  - Proximity to O&M facilities: 1 hr transit each way
  - Minimal negative effects on environment and prior use

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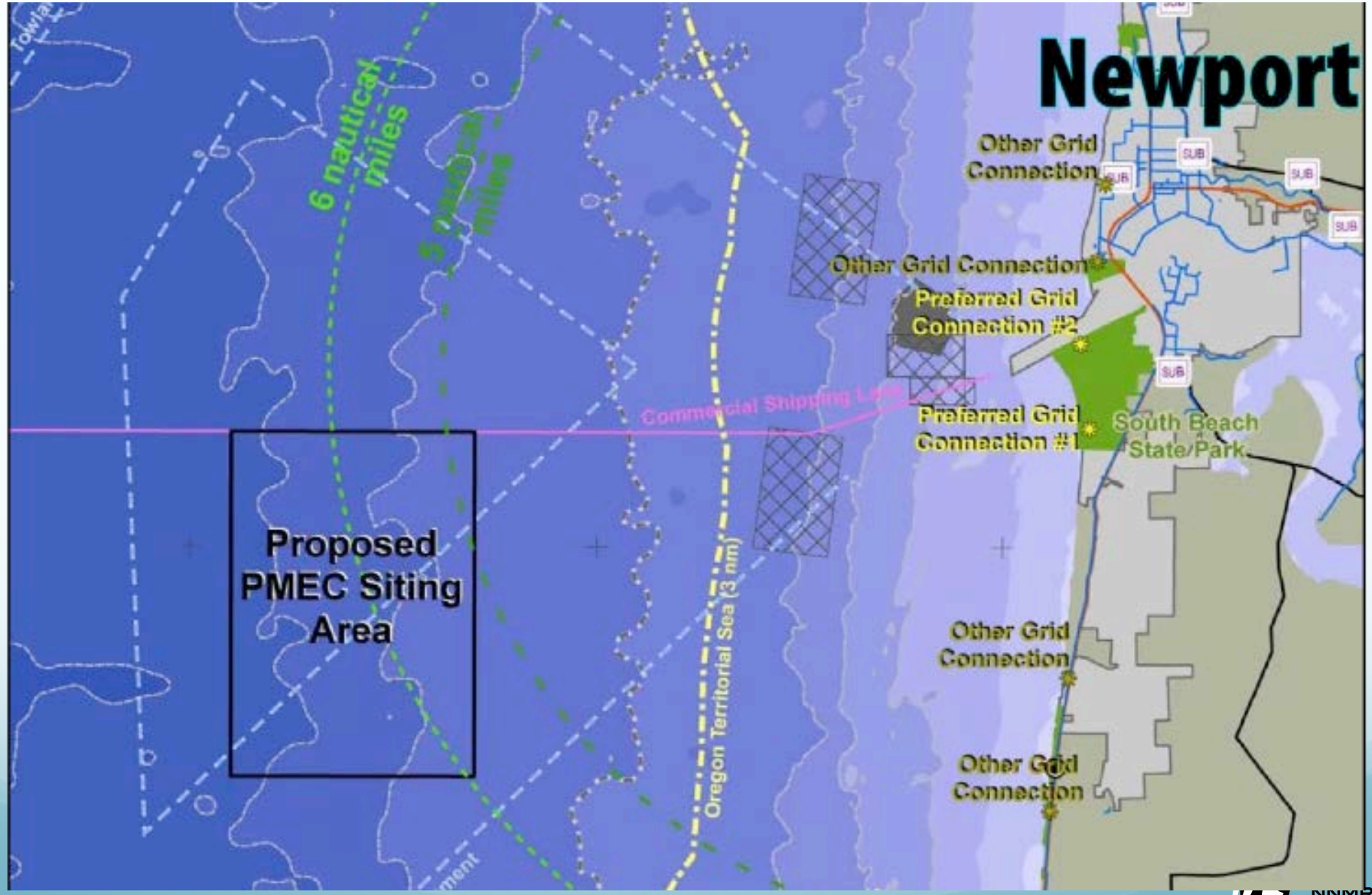
Newport, OR



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Reedsport, OR

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Thank you

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