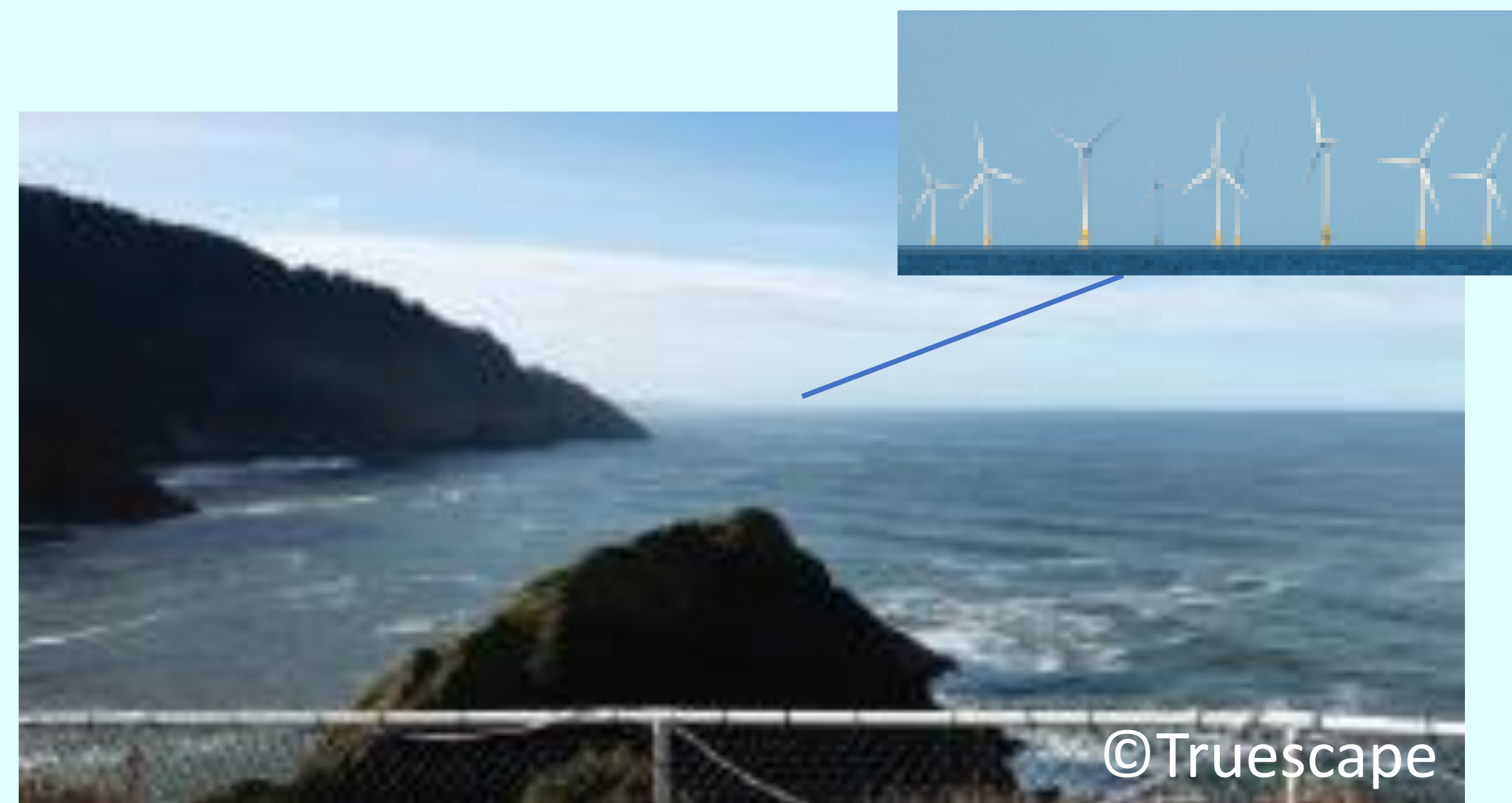


2023 DRAFT WIND ENERGY AREAS

Visual Simulations



Viewing the Visual Simulations

The simulations are intended to be viewed as large high-resolution printed panoramas. While the images are okay to be viewed flat or online, for full experiential accuracy, they are best viewed full-sized and properly mounted at an appropriate viewing distance based on the image width. The panoramas cover a field of view 124-degrees horizontally by 55-degrees vertically, which is consistent with the typical human field of view.

For example, a 59.25"-wide panorama image would be placed at approximately 19.7 inches from the viewer. Images viewed digitally are representations and the visibility of the turbines projected on a computer screen will depend on the scale at which the image is being viewed. Simply put, zooming in on the image will over-represent visibility and, conversely, zooming out will minimize visibility of the turbines.

Visualization Engagement

In Fall 2022, BOEM invited Tribes and Oregon state agencies to assist in identifying key observation points (KOPs). BOEM met with several of these entities to inform on the identification of KOPs for the visualization simulation study. These entities included the Confederated Tribes of the Coos, Lower Umpqua and Siuslaw Indians, the Coquille Indian Tribe, and several Oregon state agencies, such as the Department of Land Conservation and Development and Oregon State Parks.

In Winter 2023, viewshed experts conducted pre-site visits with members of these entities to finalize the KOP locations.

Key Observation Points (KOPs)

Six KOPs were chosen through collaborative discussions with the Tribal governments and Oregon state agencies.

Wind Energy Area – A

- o Gregory Point (Baldicha)
- o Heceta Head Lighthouse
- o Umpqua Lighthouse area

Wind Energy Area – B

- o Otter Point
- o Samuel H. Boardman State Scenic Corridor, Cape Ferrello Viewpoint
- o Harris Beach State Park area



Map of Oregon Coastline with BOEM-Oregon Call Areas, Draft Wind Energy Areas