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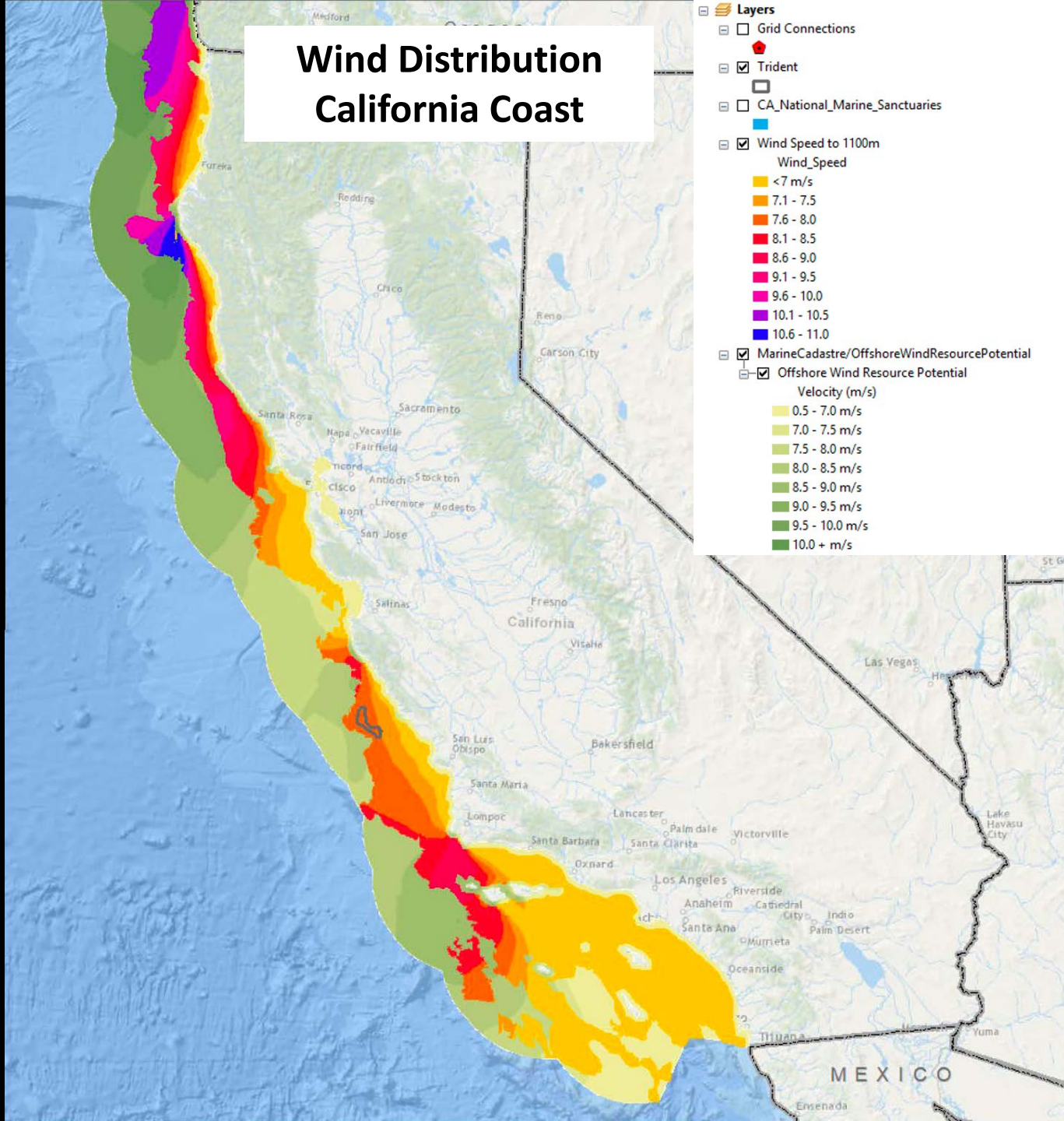


# California Offshore Wind Potential

Scott Flint  
California Energy Commission

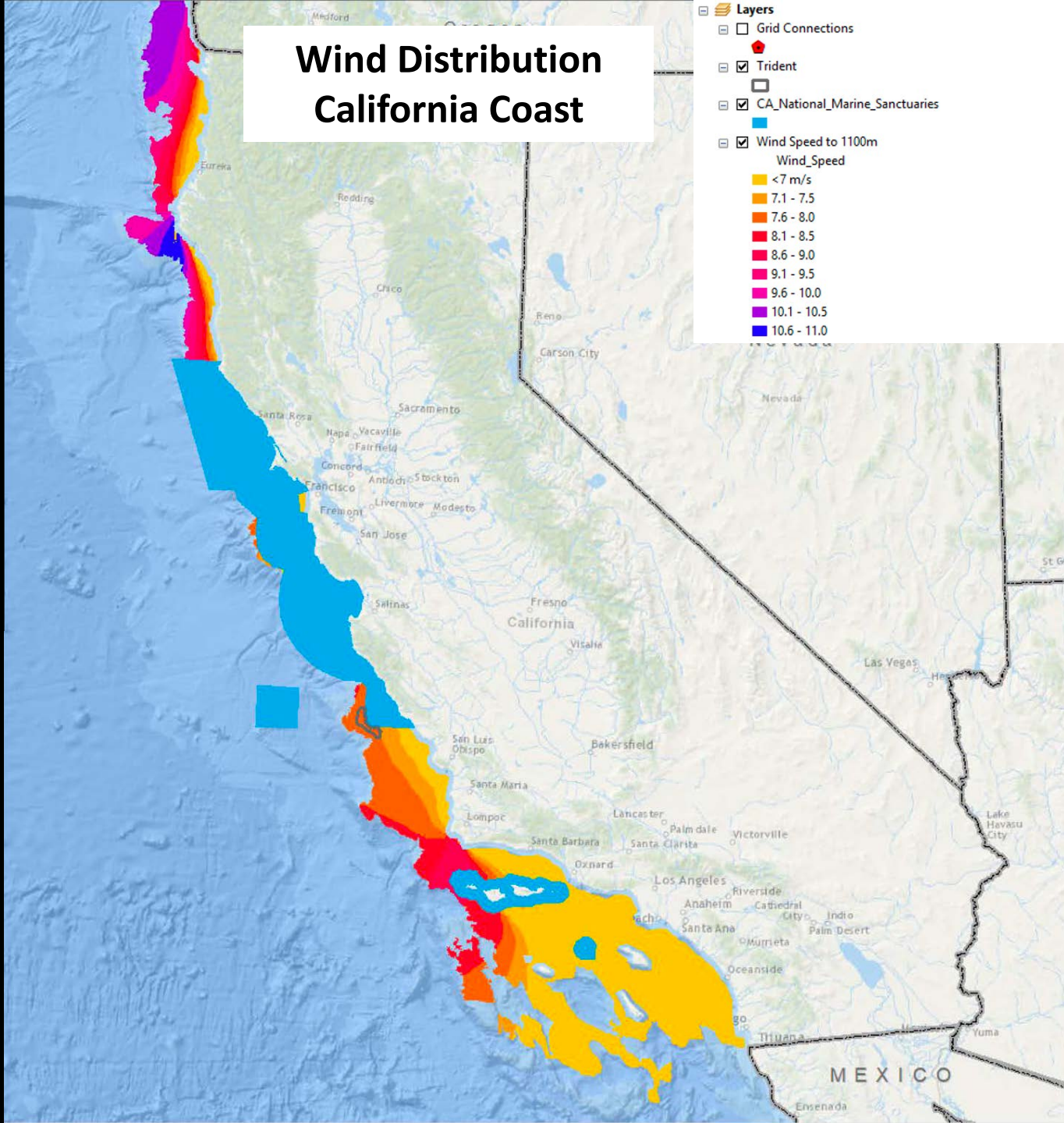
09-24-2019

# Wind Distribution California Coast



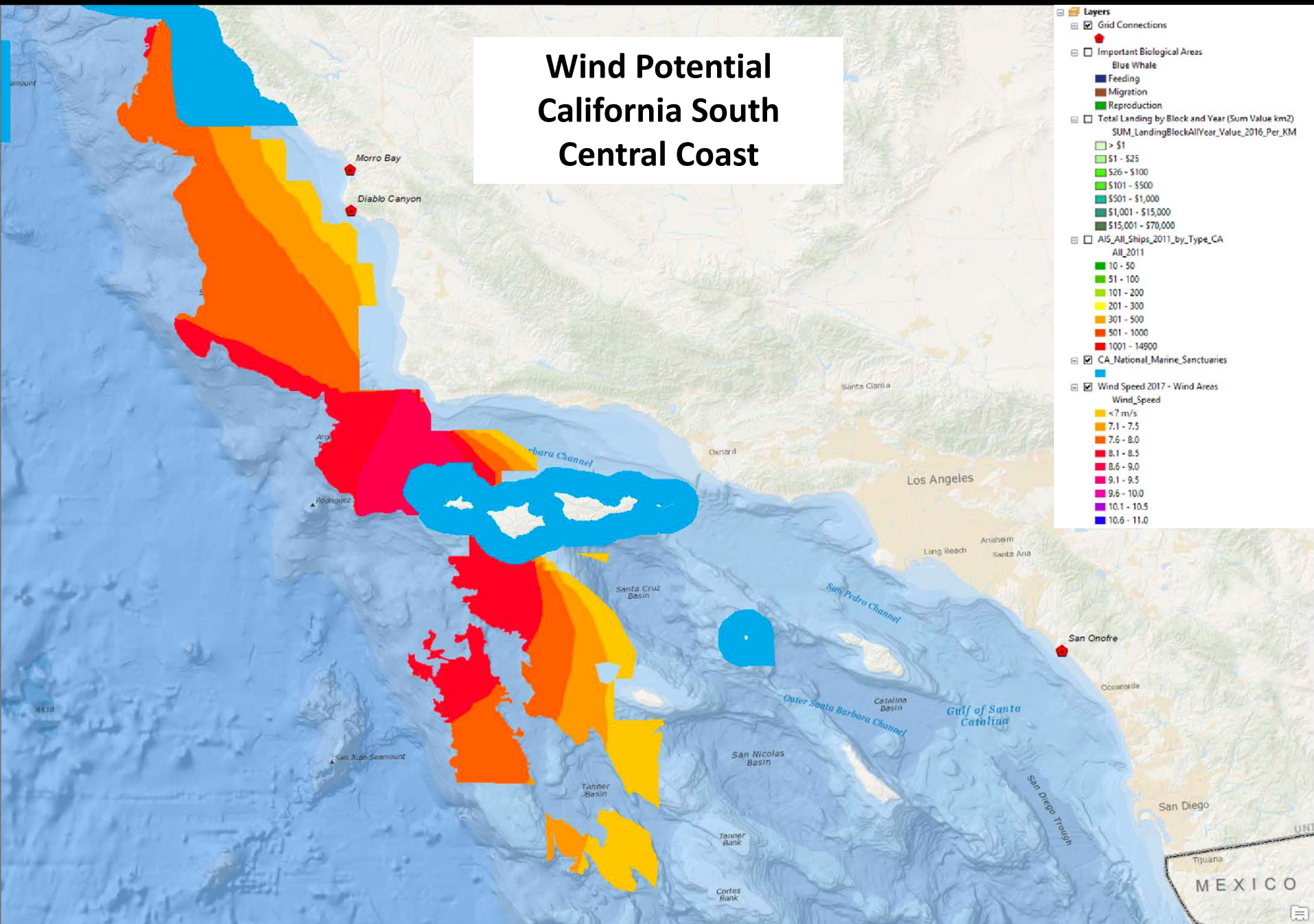
# Wind Distribution California Coast

- Layers**
- ☐ Grid Connections
  - ☒ Trident
  - ☒ CA\_National\_Marine\_Sanctuaries
  - ☒ Wind Speed to 1100m
- Wind\_Speed**
- <7 m/s
  - 7.1 - 7.5
  - 7.6 - 8.0
  - 8.1 - 8.5
  - 8.6 - 9.0
  - 9.1 - 9.5
  - 9.6 - 10.0
  - 10.1 - 10.5
  - 10.6 - 11.0



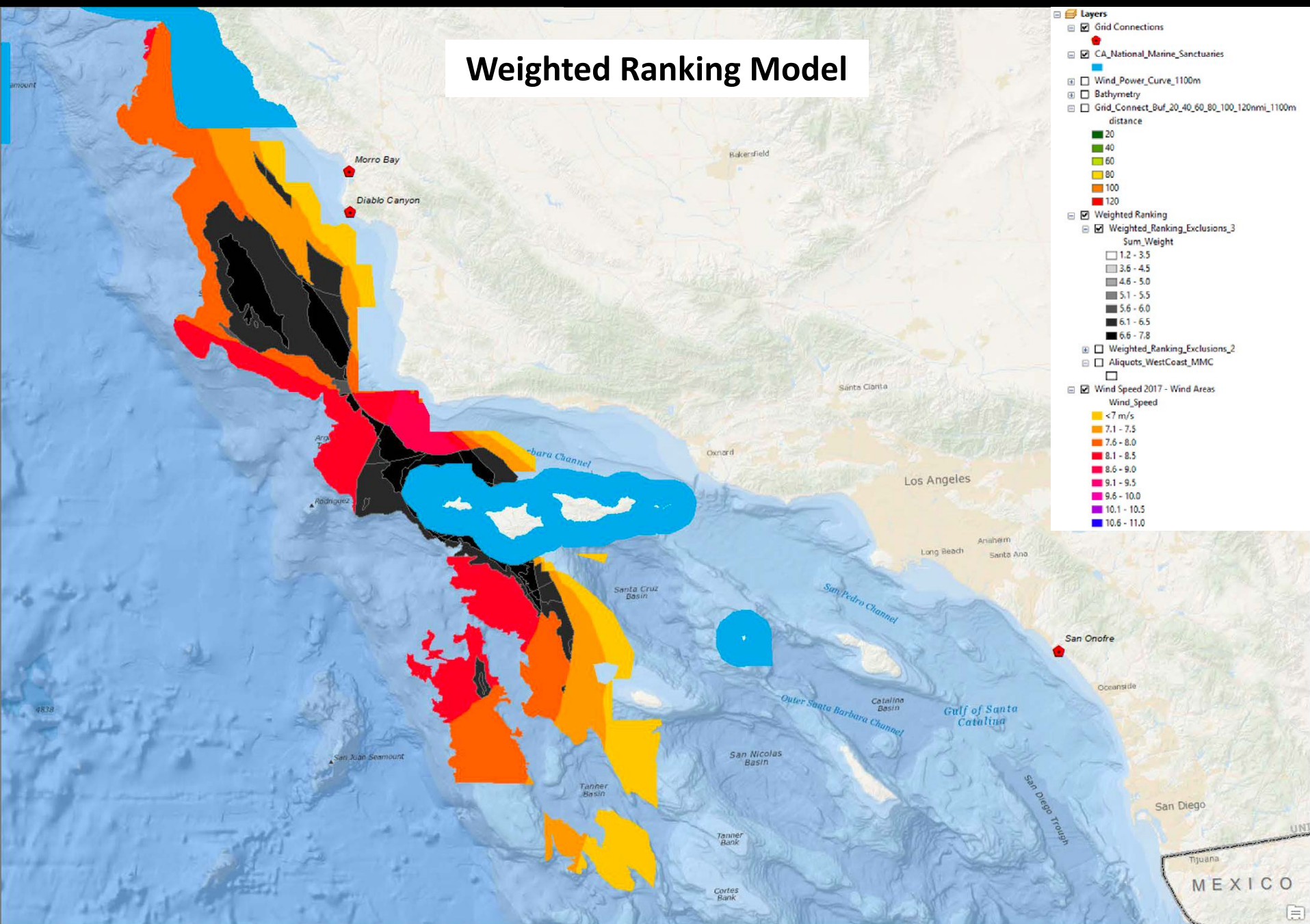


# Wind Potential California South Central Coast



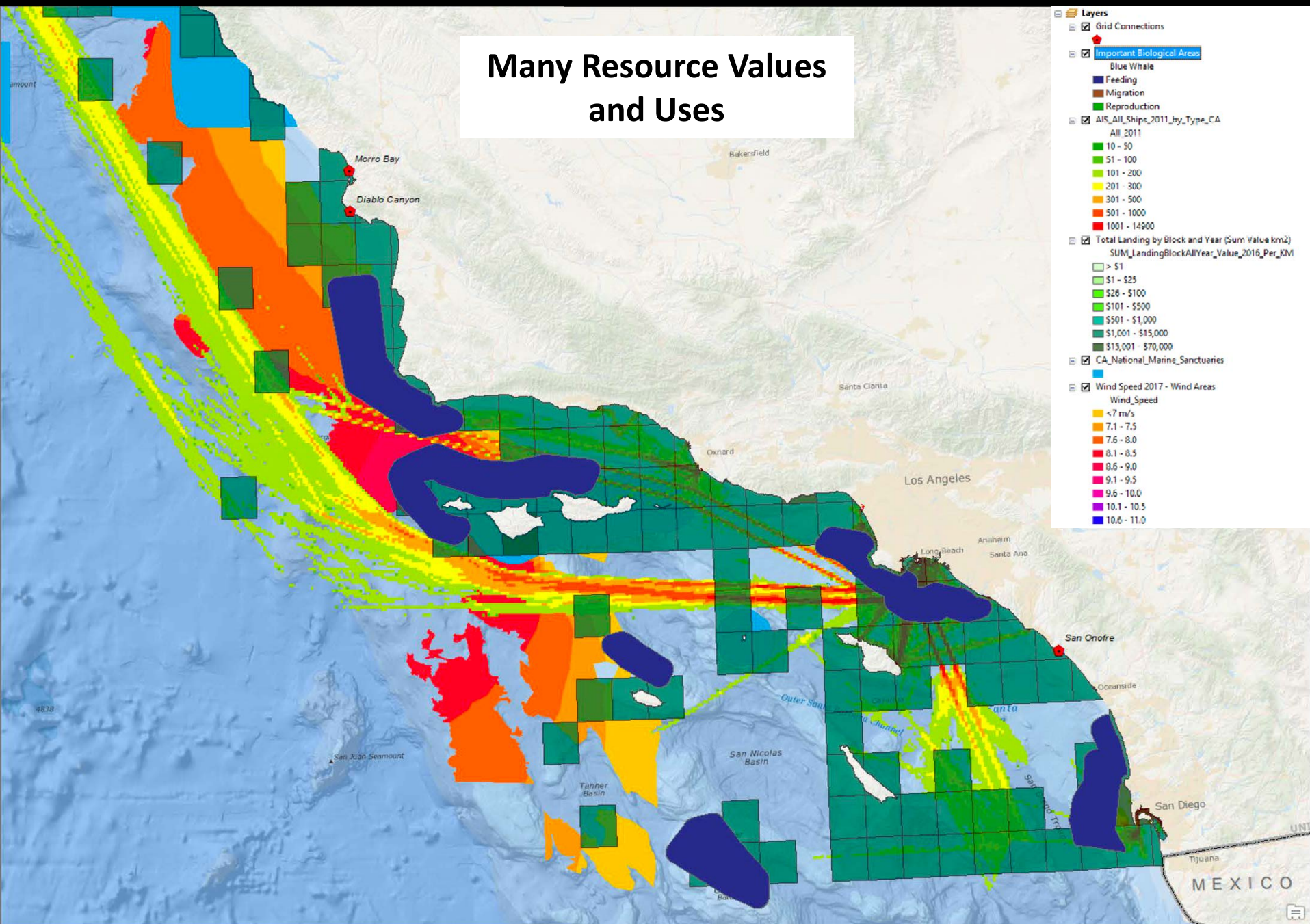


# Weighted Ranking Model





# Many Resource Values and Uses

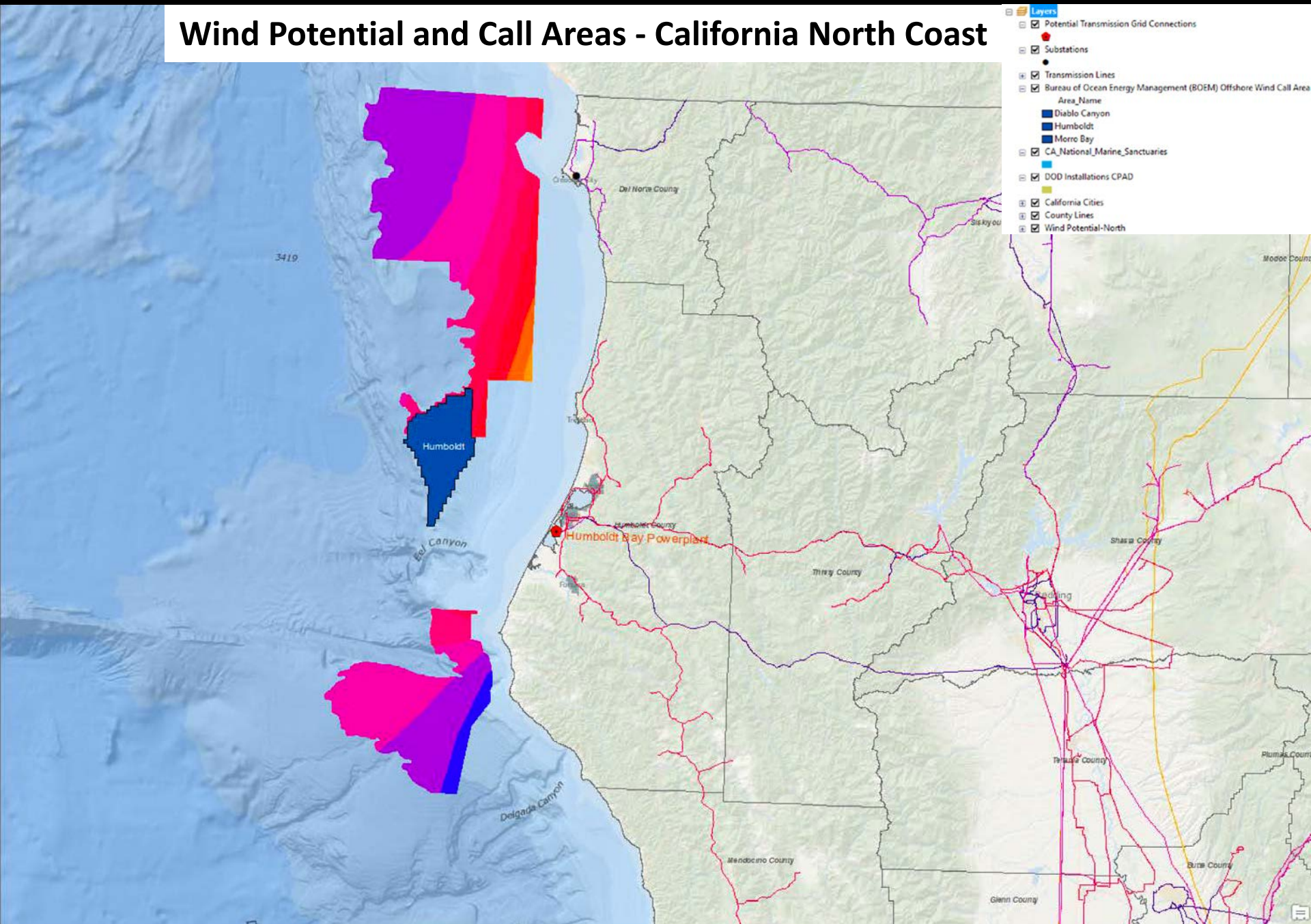






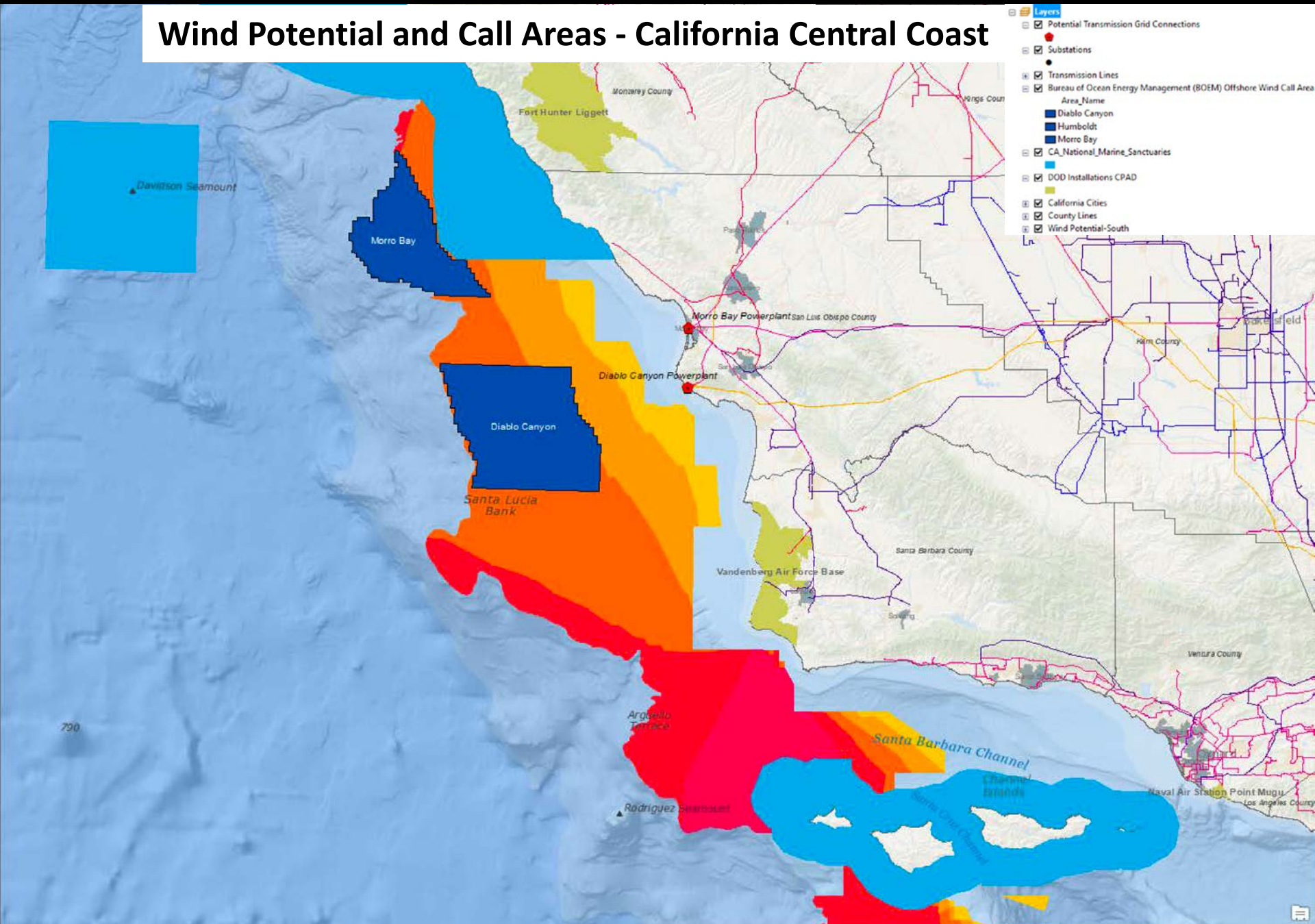


# Wind Potential and Call Areas - California North Coast





## Wind Potential and Call Areas - California Central Coast







# California Offshore Wind Energy Gateway

In support of the Intergovernmental Renewable Energy Task Force

Search by keyword or location

powered by DATA BASIN

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Explore

Create

Community

My Workspace

What is the California Offshore Wind Energy Gateway?

What can I do?

How do I start exploring?

The Offshore Renewable Wind Energy Gateway assembles geospatial information on ocean wind resources, ecological and natural resources, ocean commercial and recreational uses and community values. This information will help identify areas off of California that are potentially suitable for wind energy generation.

[read more](#)



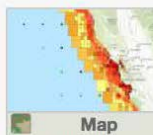
California Marine & Coastal Energy

California Marine & Coastal Management

California Marine & Coastal Ecology and Natural Resources

California Marine Fishing and Traditional Uses

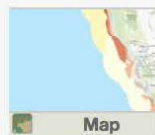
## Featured Items



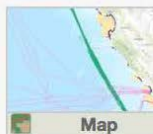
Map  
California Commercial Fishing Recent History



Map  
West Coast USA Federal and State Marine Protected Areas



Map  
California Offshore Wind Resources



Map  
Central California Offshore Use Zones



Map  
Central California Offshore Geology and Wind Technology Depth Zones



Map  
Central California Offshore Biological Resources

## California Off-Shore Wind Resources



This map is comprised of spatial datasets provided by BOEM to highlight wind resources along the coast of California along with some other designations.

Download the Fact Sheet & Get Involved



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# Contact Information

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California Offshore Wind Energy Gateway

<https://caoffshorewind.databasin.com>