Casey Reeves Office of Renewable Energy Programs

Pawleys Island, South Carolina September 9, 2015



OVERVIEW

- Program Philosophy
- Task Force Development
- Goals of the Day

The program's philosophy is centered on engagement of stakeholders, transparency, and providing opportunities for public input through formal and informal processes.



Renewable Energy Program Philosophy

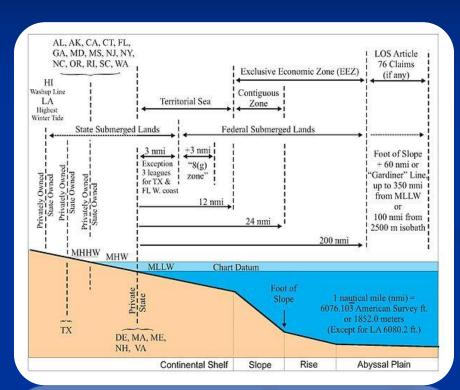
- Coordinate with federal, state, and local agencies, tribal governments, and stakeholders
- Apply our renewable energy regulatory framework in conjunction with interagency-led planning activities
- Focus on de-conflicting multiple-uses
- Work within the current authorities and responsibilities of agencies to maintain awareness with ongoing activities



Need for Coordination Offshore

■ Existing offshore users

- Marine protected areas
- Military operation
- Disposal sites
- Navigation and shipping lanes
- Areas of archaeological, historic, or cultural interest
- Sand, gravel, and mineral extraction
- Recreational and commercial fisheries
- Viewshed





SC Task Force

By engaging in BOEM's leasing process, Task Forces:

- Provide a regional perspective to the leasing process
- Engage federal, state, and other entities in long-term resource planning
- Facilitate site selection through stakeholder coordination
- Promote issue identification and mitigation of potential impacts
- Collaborate on the use of scientific research and information
- Enhance environmental monitoring and mitigation strategies

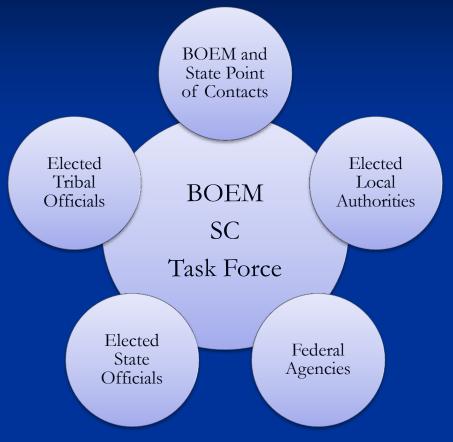


Task Force Current Status

- Established Intergovernmental Task Force, engaged stakeholders
- Developed Task Force Charter
- Introduced SC GIS Data Portal and assimilated information from TF members
- Gathered input and new data sources on existing OCS uses to inform planning process
- Screened initial areas for inclusion into the Call for Information and Nominations



BOEM SC Activities to Date



- Established BOEM South
 Carolina Renewable Energy Task
 Force in March 2012
- Held Task Force meetings in May 2012, May 2014, and September 2014
- Held Public Information Sessions in Charleston and at Coastal Carolina University in September 2014



Today's Goals

- Review the Call
- Report out to the Task Force the areas to be included in the Call
- Discuss realistic time frames for agency processes and sequences of events leading up to commercial development

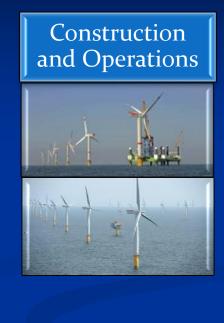


Wind Energy Development Process

Planning and Analysis 0 10 20 20 40 50 50 70 80 50







South Carolina OCS Wind Energy Planning

Stage 1: Stage 2: Planning & Analysis Leasing

Publish Call for Information and Nominations

Review

- Comments
- Nominations

Conduct Environmental Compliance

Reviews



NOI to Prepare an EA

- Publish
- Comment Period

Area Identification

Stage 1: Planning and Analysis

• Establish Task Force, engage stakeholders

 Develop and Publish Call for Information and Nominations

 Develop and Publish Notice of Intent to prepare an environmental analysis

Stage 1: Planning and Analysis

Evaluate comments on Call

Announce Area Identification

Conduct environmental compliance reviews

What is a Call?

Notice published in the Federal Register

• A way to assimilate interest from industry and relevant information from stakeholders to inform BOEMs future decisions

What is a Call?

 An initial stage in a long and deliberate process

 Requests information for BOEM to consider in the planning, analysis, and decision-making process

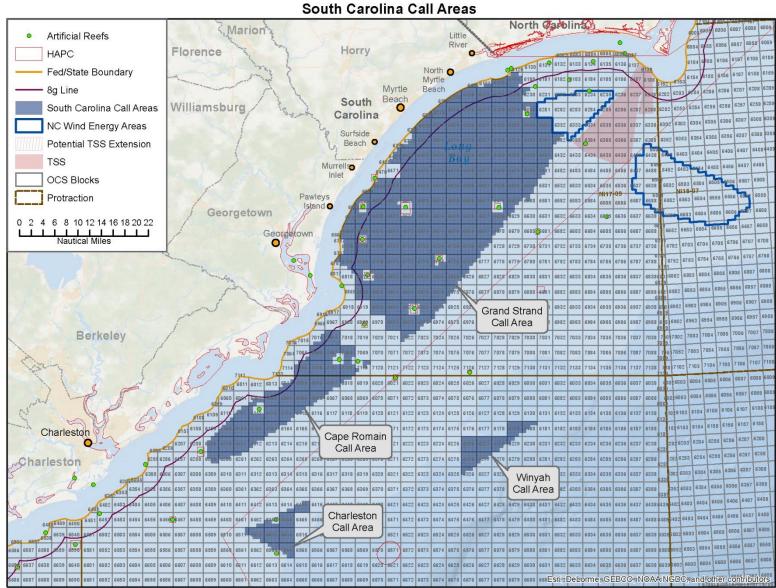
What a Call Is Not

Not a decision to lease

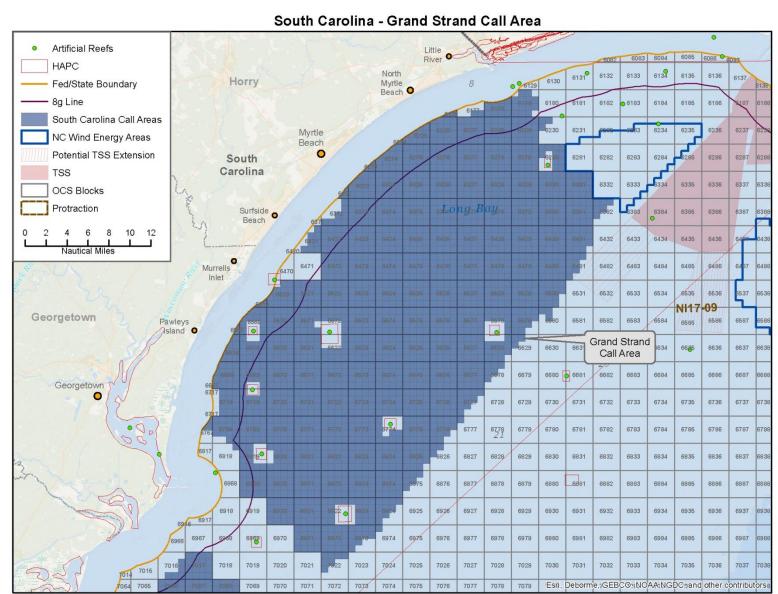
Not a comprehensive environmental analysis

 Not the final agency decision on Wind Energy Areas

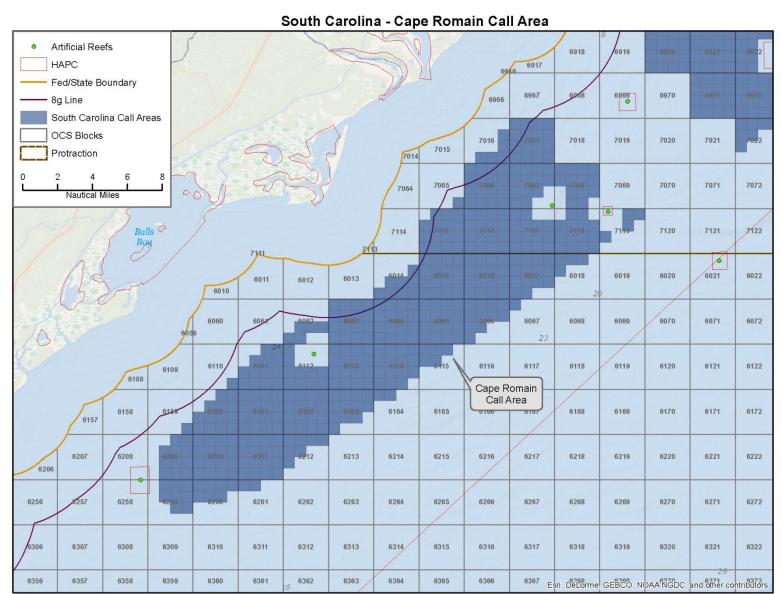
Proposed Call Areas



Grand Strand Call Area



Cape Romain Call Area

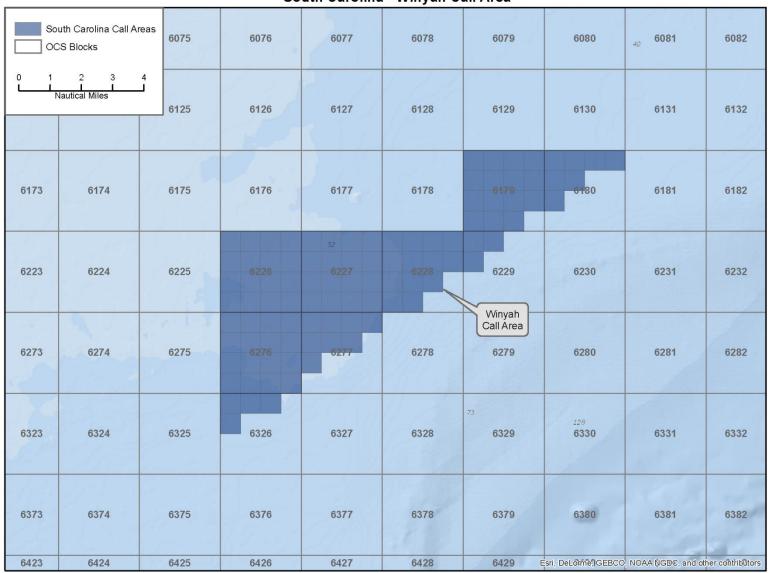


Charleston Call Area

South Carolina - Charleston Call Area Artificial Reefs HAPC Fed/State Boundary 8g Line South Carolina Call Areas OCS Blocks Protraction Charleston Call Area Nautical Miles 6463 0 Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors

Wynyah Call Area

South Carolina - Winyah Call Area



Areas Not Included in the Call

Sand and Gravel Borrow and disposal areas

Artificial reefs

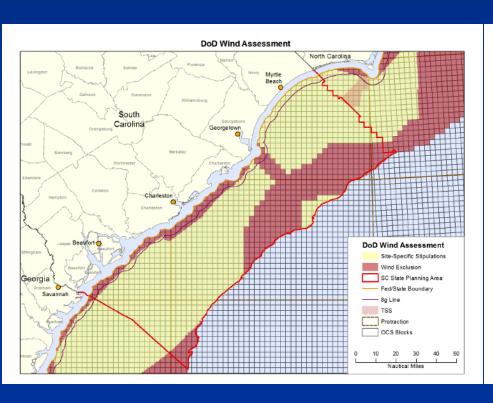
DOD operational and disposal areas

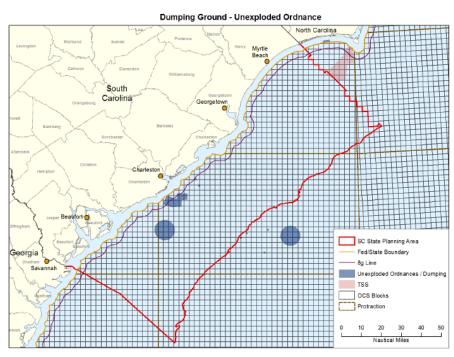
 USCG determined areas of high vessel traffic for navigation

Call Areas

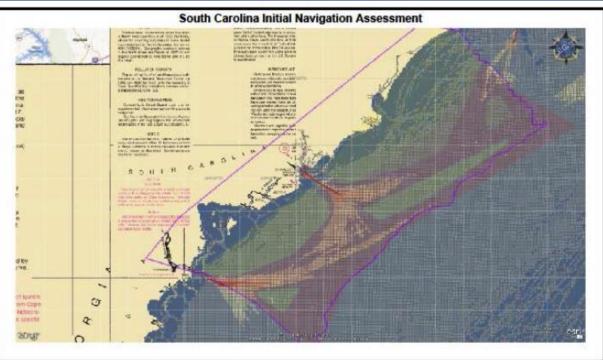
South Carolina Call Areas North Carolina Marion 6006 6007 6008 Artificial Reefs Little 6 55 6056 6057 6058 River Florence Horry HAPC 6105 6106 6187 6108 610 6130 6139 6132 6133 6134 6135 6136 6136 North O Fed/State Boundary 6155 6156 6157 6158 6158 181 6182 6183 6184 6185 6186 Myrtle Beach 8g Line Beach South 6252 6253 6254 6255 6256 6257 6258 South Carolina Call Areas Williamsburg Carolina 6332 6333 6334 6335 6336 6337 6338 6302 6303 6304 6305 6306 6307 6308 NC Wind Energy Areas 6352 6353 6354 6355 6356 6357 6358 Surfside Potential TSS Extension Beach • 6403 6404 6405 6406 6407 6408 6432 6433 6434 6435 6436 TSS Murrells 6482 6483 6484 6485 6486 8 OCS Blocks 6552 6553 6554 6555 6556 Protraction Pawleys 6680 6581 6582 6583 6584 6585 6586 6587 6588 Georgetown 0 2 4 6 8 10 12 14 16 18 20 22 6652 6653 6654 665 78 6679 6680 6881 6682 6683 6684 6686 6686 6687 6688 Georgetown 6728 6729 6730 6731 6732 6733 6734 6735 6736 6737 6738 6777 6778 6779 6780 6781 6782 6783 6784 6785 6786 6787 6788 6752 6753 6754 6755 6756 8757 6758 826 6827 6828 6829 6830 6831 6832 6833 6834 6835 6836 6837 6838 60 6802 6803 6804 6805 6806 6807 680 6 6877 6878 6879 6880 6881 6882 6883 6884 6886 6886 6887 6888 6852 6853 6854 6855 6856 6857 6858 6932 6933 6934 6935 6936 6937 6938 690 6902 6903 6904 6905 6906 6907 Grand Strand 8985 6986 6987 6988 6 5 6952 6953 6954 6955 6956 6957 695 Call Area 922 7023 7024 7025 7026 7027 7028 7029 7030 7031 7032 7033 7034 7035 7036 7037 7038 7 0 7002 7003 7004 7005 7006 7007 Berkelev 7069 7070 7071 7072 7873 7074 7075 7076 7077 7078 7079 7080 7081 7082 7083 7084 7085 7086 7087 7088 7 6 7052 7053 7054 7127 7128 7129 7130 7131 7132 7133 7134 7135 7136 7137 7138 710 7102 7103 7104 7105 7106 7107 6011 6012 6013 6 018 6019 6020 6021 6022 6023 6024 6026 6026 6027 6028 6029 6030 6031 6032 6033 6034 6035 6036 6037 6038 526053 6054 6055 6056 6057 6058 026103 6104 6105 6106 6107 6108 6116 6117 6118 6119 6120 6121 6122 6123 6124 6125 6126 6127 6128 6129 6130 6131 6132 6133 6134 6135 6136 6137 6138 6164 6165 6 6172 6173 6174 6175 6176 6177 6178 80 6181 6182 6183 6184 6185 6186 6187 6188 Charleston Cape Romain 02 6203 6204 6205 6206 6207 6208 229 6230 6231 6232 6233 6234 6235 6236 6237 6238 6213 6214 6215 62 6222 6223 6224 6225 Call Area 53 6253 6254 6255 6256 6257 6258 0 6261 6262 6263 6264 6265 6266 78 6279 6280 6281 6282 6283 6284 6285 6286 6287 6288 Charleston 302 6303 6304 6305 6306 6307 6308 6313 6314 6315 6316 6317 6318 6319 6320 6321 6322 6323 Winvah 352 6353 6354 6355 6356 6357 6358 6358 6359 6360 6361 6362 6363 6364 6365 6366 6387 6368 6369 6370 6371 6372 6373 6374 6375 6376 6377 6378 Call Area 2 6383 6384 6385 6386 6387 6388 6 6421 6422 6423 6424 6425 6426 6427 6428 6429 6430 6431 6432 6433 6434 6435 6436 6437 6438 643 6471 6472 6473 6474 6475 6476 6477 6478 6479 6480 6481 6482 6483 6484 6485 6486 6487 6488 6485 6485 6453 6453 6454 6455 6456 6457 Charleston 6451 6457 6453 6454 6455 645606457 6458 6459 6460 6461 6462 6465 646 Call Area 6521 6622 6623 6624 6626 6626 6627 6628 6527 6628 6629 6630 6631 6632 6633 6634 6636 6637 6638 6637 6638 6636 6637 6638 6636 6637 6638 6502 6503 6504 6505 6506 6507 6508 6509 6510 6514

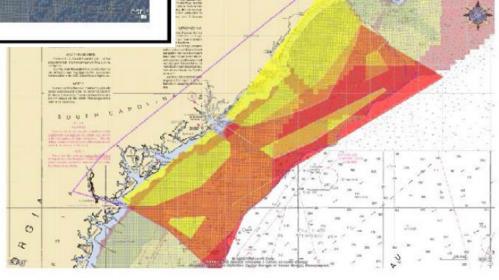
Areas Not Included in the Call





Areas Not Included in the Call





DoD and USCG Assessments

Next Steps

- Publish a Call to collect more information and determine interest
- Continue stakeholder outreach and data gathering (public meetings, scoping)
- Conduct environmental compliance reviews
- Area Identification

Stage 2: Leasing

- Competitive or noncompetitive process
- Depends on number and location of qualified nominations received in response to the Call

Concluding Thoughts

- For OCS renewable energy and transmission projects, BOEM:
- Applies renewable energy regulations along with interagency-led planning activities
- Focuses on de-conflicting multiple-use
- Works with tribal, local, state, federal, and other interested partners
- Goal: Efficient, safe, and environmentally sound national ocean energy development



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