

A black and white photograph of an offshore oil rig in the middle of the ocean. The rig is a complex of metal structures with a tall derrick. The sea is calm with gentle ripples. The sky is filled with soft, wispy clouds, and a bright light source, likely the sun, is visible behind the clouds, creating a silhouette effect on the rig and a glow on the horizon.

NOIA Board of Directors Meeting

February 3, 2021





CALL NOTES

NOIA
America's Offshore Energy Industry



Anti-trust Compliance.



Please keep your phone on mute unless you are speaking.



Please the chat box to submit questions.

Recent Administrative Actions

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NOIA EIAP Study: Benefits of the GOM Base Case

2019: A Gulf Coast *Snapshot*



2.3 MILLION BOE/DAY
PRODUCTION



345,000
JOBS SUPPORTED



\$28.6 BILLION
GDP IMPACT



\$5.4 BILLION
GOVERNMENT REVENUES



\$353 MILLION
GOMESA FUNDING



\$1 BILLION
FUNDING FOR LWCF

NOIA EIAP Study: Benefits of the GOM No Permitting and No Leasing Scenarios 2040: A Gulf Coast *Forecast*

BASILINE	NO NEW LEASING	NO NEW PERMITTING
1.9 MILLION BOE/DAY PRODUCTION	0.9 MILLION BOE/DAY PRODUCTION	332 THOUSAND BOE/DAY PRODUCTION
367,000 JOBS SUPPORTED	173,000 JOBS SUPPORTED	80,000 JOBS SUPPORTED
\$30.0 BILLION ANNUAL SPENDING	\$12.1 BILLION ANNUAL SPENDING	\$4.8 BILLION ANNUAL SPENDING
\$31.1 BILLION ANNUAL GDP CONTRIBUTIONS	\$16.4 BILLION ANNUAL GDP CONTRIBUTIONS	\$8.3 BILLION ANNUAL GDP CONTRIBUTIONS
\$6.7 BILLION GOVERNMENT REVENUES	\$3 BILLION GOVERNMENT REVENUES	\$1.1 BILLION GOVERNMENT REVENUES

Table 20: Projected No Permits Case Gulf of Mexico Offshore Oil and Natural Gas Supported Employment Reductions (Number of Jobs)

	2018	2019	2020	2021	2022	2023	2024
Texas	0	0	0	0	-70,206	-77,634	-73,942
Louisiana	0	0	0	0	-27,949	-34,379	-36,871
Mississippi	0	0	0	0	-6,916	-8,033	-8,065
Alabama	0	0	0	0	-7,608	-8,489	-8,304
Other U.S. States	0	0	0	0	-35,267	-38,101	-38,424
Total	0	0	0	0	-147,945	-166,637	-165,606

	2025	2026	2027	2028	2029	2030	2031
Texas	-79,937	-82,509	-87,793	-88,525	-89,933	-88,857	-88,115
Louisiana	-42,367	-46,561	-51,176	-53,871	-56,420	-58,760	-60,837
Mississippi	-9,083	-9,732	-10,624	-11,003	-11,444	-11,721	-12,016
Alabama	-9,344	-10,033	-11,128	-11,802	-12,635	-13,116	-13,623
Other U.S. States	-40,907	-41,554	-42,373	-43,719	-45,155	-44,003	-41,933
Total	-181,640	-190,389	-203,094	-208,920	-215,587	-216,457	-216,523

	2032	2033	2034	2035	2036	2037	2038
Texas	-87,159	-87,876	-86,554	-83,464	-105,127	-82,850	-88,830
Louisiana	-63,163	-65,182	-66,786	-67,042	-67,935	-70,189	-73,588
Mississippi	-12,281	-12,629	-12,809	-12,771	-12,760	-13,226	-13,995
Alabama	-14,031	-14,715	-15,149	-15,425	-15,620	-16,402	-17,579
Other U.S. States	-40,616	-40,532	-39,206	-35,965	-33,385	-32,906	-35,885
Total	-217,250	-220,933	-220,504	-214,668	-234,827	-215,573	-229,877

	2039	2040
Texas	-101,285	-114,275
Louisiana	-78,895	-85,182
Mississippi	-15,378	-16,857
Alabama	-19,468	-21,362
Other U.S. States	-42,122	-49,211
Total	-257,148	-286,886

Source: Energy and Industrial Advisory Partners



Environmental, Social & Governance Program

Foundational ESG Principles:

- NOIA member companies provide the energy that is essential for our everyday lives and raises the quality of life of our communities, reducing poverty and hunger while promoting good health and well-being.
- We operate in coastal and ocean environments with safety, health, environmental protection and sustainability as core values.
- We share a commitment to a high standard of corporate citizenship and continuous improvement in environmental, social and governance performance.
- We recognize the risks of climate change and, as innovators, we strive to contribute solutions and best practices to optimally balance societal and environmental needs.

Climate Change:

NOIA and its member companies commit to a collaborative approach with all stakeholders in providing solutions that balance economic, environmental and energy needs for society. We contribute to the advancement of principles of innovation, conservation, efficiency, resiliency, mitigation and adaptation that must be part of a systematic approach to addressing the climate challenge.



Washington, D.C.

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The Offshore Wind Opportunity

1. Special Initiative on Offshore Wind, September 2019

U.S. OFFSHORE WIND	
Economies of Scale-o-Meter	
– 22 GWs & Counting –	
STATE	OSW Approved or Committed
Connecticut	2.300 GW
Maine	0.012 GW
Maryland	1.568 GW
Massachusetts	3.200 GW
New Jersey	3.500 GW
New York	9.000 GW
Rhode Island	0.430 GW
Virginia	2.512 GW
Total (Sept 2019)	22.52 GW
<i>Special Initiative on Offshore Wind (SIOW)</i>	
<small>College of Earth, Ocean & Environment at University of Delaware</small>	

Component	Cumulative CAPEX by 2030
Onshore substation EPCI	\$2.1 bn
Upland cable EPCI	\$3.7 bn
Offshore substation EPCI	\$4.7 bn
Export cable	\$5.5 bn
Array cable EPCI	\$4.1 bn
Foundation EPCI	\$16.2 bn
WTG EPCI	\$29.6 bn
Other (marine support, insurance, PM)	\$5.3 bn
Total	\$68.2 bn

2. AWEA, March 2020

Summary Results		
	2025	2030
Operating Offshore Wind Capacity	9 – 14 GW	20 – 30 GW
Offshore Wind Jobs	19,000 – 45,000	45,000 – 83,000
Annual Economic Output	\$5.5 – \$14.2 billion	\$12.5 – \$25.4 billion

3. Wood Mackenzie, July 2020

	2025	2030	2035	Beyond 2035
Capacity	4 GW	25 GW	37 GW	37 GW
Jobs	80,000	80,000	80,000	16,000
Investment	\$17 Billion	\$108 Billion	\$166 Billion	\$60 Billion

Turbine Supply Chain : 31,000 jobs

General Services: 19,000 jobs

Construction Industry : 16,000 jobs

Operations & Maintenance : Up to 16,000 jobs

Transportation & Port Industry : 4,000 jobs

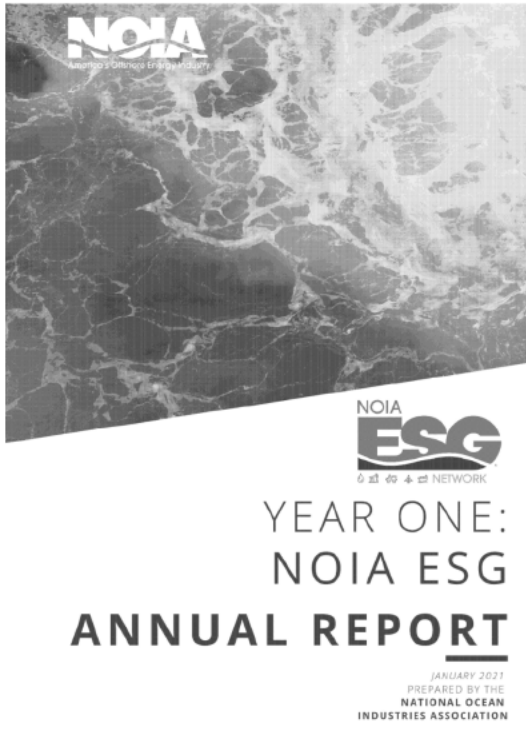


Table of Contents

2020 in Review.....	3
NOIA Overview.....	5
Message from NOIA Leadership	
Erik Milito, NOIA President.....	6
Galen Cobb, NOIA Chair.....	7
Tim Duncan, NOIA Vice Chair.....	7
Bill Langin, NOIA ESG Chair.....	8
Paul Howes, NOIA ESG Vice Chair.....	8
About the NOIA ESG Network.....	9
YEAR ONE: Launching the ESG Network	
Modernize Mission, Vision, Objectives.....	10
NOIA ESG Principles.....	11
Participating NOIA Members.....	12
Supporting Clean Energy Legislation.....	13
Offshore Wind Advocate.....	15
Improving ESG Through Learning & Collaboration.....	16
Raising the Bar on ESG.....	17
#ESG: Environment	
Offshore Wind: Ready to Ascend.....	18
GOM: Oil & Gas Leading the Way.....	19
Benji Becker, ACC.....	21
Karin Wiston, Halliburton.....	22
Kosmos Energy.....	23
Newpark Resources.....	24
TechnipFMC.....	25
Occidental.....	26
Valaris.....	27
#ESG: Social Responsibility	
NOIA Safety in Seas Awards.....	28
COVID-19: OOC Leadership.....	29
Paula Glover, AABE.....	30
Talos Energy.....	31
#ESG: Corporate Governance	
Kosmos Papadopoulos, FTI Consulting.....	32
Danielle Sugarman, BlackRock.....	34
Jeffrey Hales, SASB.....	35
Myron Prots, BHP.....	37
Additional NOIA Member ESG Effort Links.....	38
NOIA ESG Ad.....	39

MESSAGE FROM NOIA LEADERSHIP

Despite the challenges of the pandemic in 2020, the National Ocean Industries Association was able to come together and successfully launch its new ESG program, "The NOIA ESG Network". As the voice, advocate, and focal point for the offshore energy industry, NOIA serves as a learning organization and we have brought together leaders from industry, academia, and the investment community to collaborate and improve in the areas of environmental stewardship, social responsibility, and corporate governance.

As reflected in our organization's revamped mission and vision statements, **the offshore energy industry should be recognized for its continuous role in promoting solutions that provide the energy vital for lifting society in an environmentally sustainable way.**

This report provides but a snapshot of our industry's high standard of corporate citizenship and leadership in solving the greatest energy challenges, including expectations for reduced emissions and finding solutions to climate change.


Erik Milito,
NOIA President

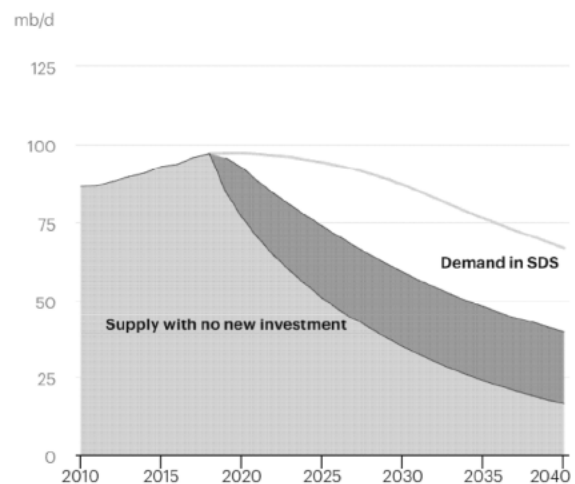
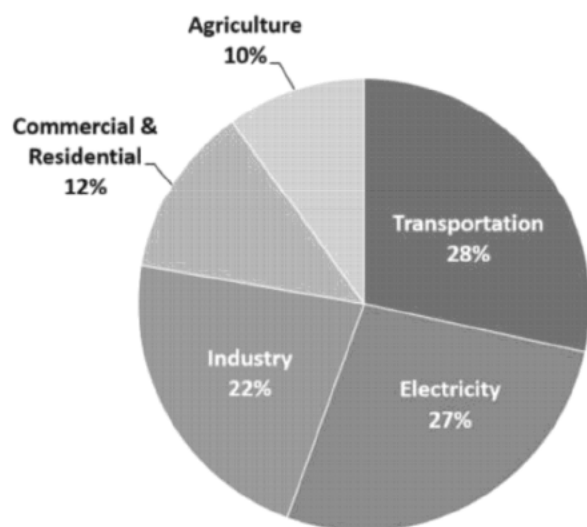
NOIA
Leadership:
Driving ESG
Performance
FORWARD

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Climate Policy and Advocacy – Demand Side

Total U.S. Greenhouse Gas Emissions
by Economic Sector in 2018



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- Supply with no new investment
- Supply with investment in existing fields
- Demand in SDS

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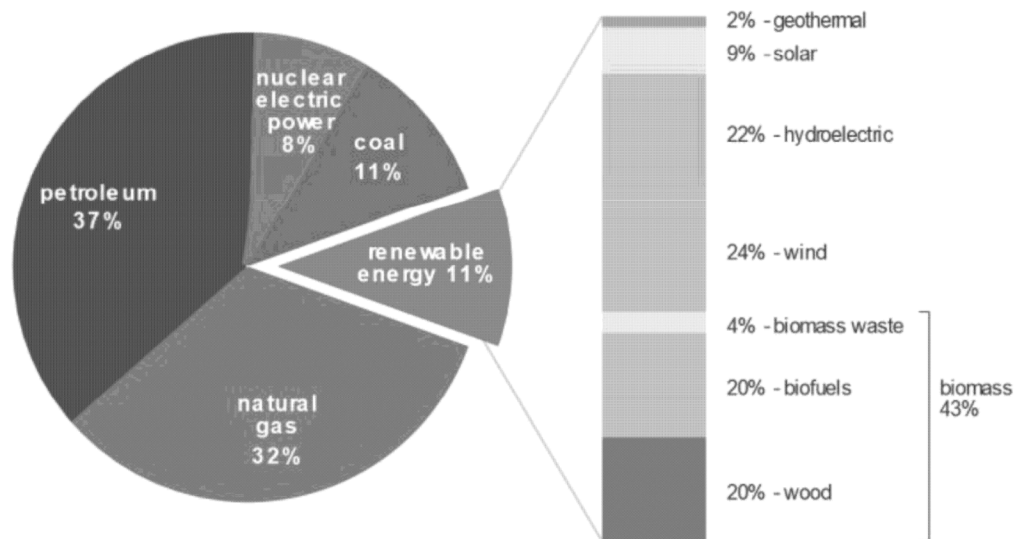
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Climate Policy and Advocacy – Demand Side

U.S. primary energy consumption by energy source, 2019

total = 100.2 quadrillion
British thermal units (Btu)

total = 11.4 quadrillion Btu



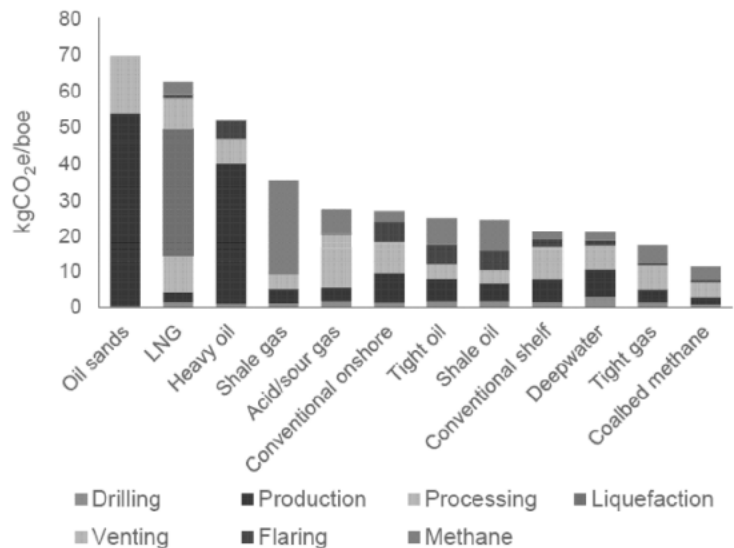
Note: Sum of components may not equal 100% because of independent rounding.

Source: U.S. Energy Information Administration, *Monthly Energy Review*, Table 1.3 and 10.1, April 2020, preliminary data

Climate Policy and Advocacy – GOM Production

“U.S. GHG emissions would be **HIGHER** if BOEM were to have no lease sales.... Emissions from substitutions are higher due to exploration, development, production, and transportation of oil from international sources being more carbon intensive.”

Average Scope 1 & 2 emissions intensity by source



Source: Wood Mackenzie

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NOIA EXECUTIVE DISCUSSION

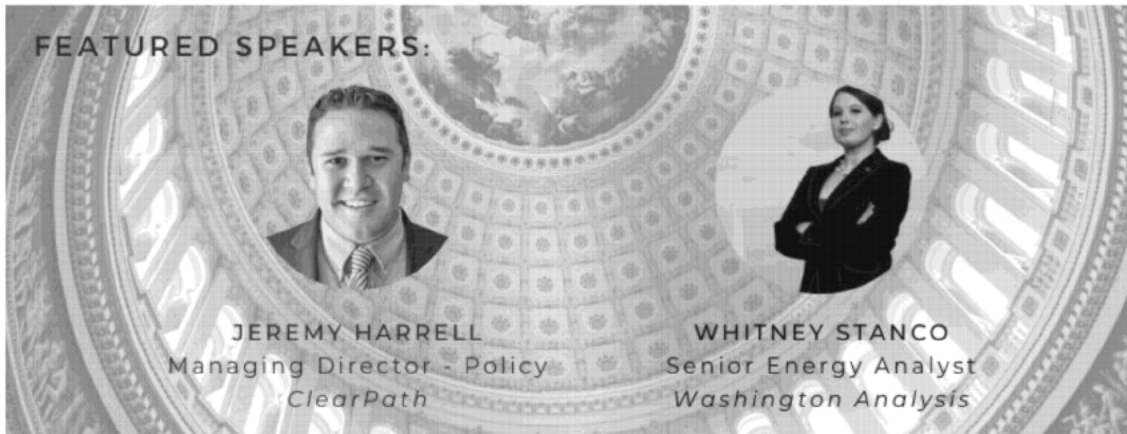
2021: NEW EXPECTATIONS FOR CLIMATE CHANGE POLICY

February 3, 2021

9:30 am - 10:30 am CST



FEATURED SPEAKERS:



JEREMY HARRELL
Managing Director - Policy
ClearPath

WHITNEY STANCO
Senior Energy Analyst
Washington Analysis

Presentation

Presentation



Washington, D.C.

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A black and white photograph of an offshore oil rig in the middle of the ocean. The rig is a complex of metal structures with a tall derrick. The sea is calm with gentle ripples. The sky is filled with soft, wispy clouds, and a bright light source, likely the sun, is visible behind the clouds, creating a silhouette effect on the rig and a glow on the horizon.

NOIA Annual Meeting Sponsorships Available

April 14-16, 2021

NOIA