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Presentation - Innovative Concrete Solutions and Civil Construction (2 of 3)

Innovative Concrete Solutions and Civil Construction: MIT Deep Water Offshore Wind Floater for Gulf of Maine

Additional submitted attachment is included below.
Innovative Concrete Solutions and Civil Construction: MIT Deep Water Offshore Wind Floater for Gulf of Maine

Andy Zalay, P.E., MIT Alumni, Class of ‘69, Course XVI
Innovative Concrete Solutions and Civil Construction

Exciting New Opportunity - concrete/ceramic composite offshore wind towers and foundations to maximize local jobs and economic benefits using Jones Act compliant vessels.
Maine’s $100M Floating Offshore Wind Finds Major Backers: RWE and Mitsubi

Two heavyweight global offshore wind investors will acquire UMaine’s demons be built by 2023.

KARL-ERIK STROMSTA | AUGUST 55, 2020
Applied Energy Symposium
MIT A+B
Co-organized with Harvard
NEW MATERIALS TECHNOLOGY

CERAMIC COMPOSITE CEMENT SPAR BUOY
* Geopolymer cement with basalt fibers
* Basalt reinforcing bars
* Basalt/geopolymer form strong chemical bond control cracking
* 100 yr. service life in ocean

Walk the Talk: MIT Harvard Campus Powered by a Floating Wind Farm • Andy Zalay, P.E.
1) LOCAL CONTENT
2) LOWEST COST
3) MINIMUM IMPACT ON EXISTING PORTS
4) US CENTER OF EXCELLENCE
Questions? Email/call zalaype@gmail.com 949 378 0807

GOVERNMENT- Promote US center of excellence for critical floating wind infrastructure “opportunity ready projects”
TECHNOLOGY- Develop integrated WTG/foundation design suitable for existing US ports with highest local content
COMMERCE- Utilities to seek power purchase agreements for critical floating wind infrastructure on basis of lowest levelized cost (LCOE ($/MWh) highest US jobs, local content and $ economic benefits
PUBLIC- Support commercial development of best offshore wind resources protective of the environment as a critical tool to overcome/mitigate rolling blackouts/water rationing and global warming