

11:00 to 12:00 AM

Project: Energy Answers Fairfield Power Plant - 115 kV PJM Interconnect V1-033

County: Baltimore County & Baltimore City

Waterbody: Patapsco River

Tidal Wetlands: Y

Nontidal Wetlands:

MDE Project Number:

Corps Project Number:

MDE Reviewer: Robert Cuthbertson

Corps Reviewer: Jon Romeo

Presentation: Kurt Krammer, Roy Armstrong

Project Description: Energy Answers Baltimore, LLC is developing and privately-funding a resource recovery system comprised of two to three offsite Processed Refuse Fuel (PRF) production facilities and a 150MW Combined Heat and Power, materials and energy recovery plant (the Facility). The Facility will be located on the industrial zoned, former FMC Site located on Fairfield Peninsula in Baltimore, Maryland. The Facility will utilize processed biomass and other fuels generated from the municipal solid waste stream as its primary fuel source. The Processed Refuse Fuel will be produced from source separated municipal, commercial and light industrial waste streams which will be processed at retrofitted, upgraded existing solid waste management facilities.

PJM Interconnection is a regional transmission organization that coordinates the movement of wholesale electricity in all, or parts of, 13 states and the District of Columbia. Completing the PJM Interconnection process is necessary to sell the electricity generated by a merchant power plant in Maryland. By incorporating many electricity generators into the transmission process, PJM can ensure a steady delivery of electricity to the transmission owners (BG&E) and prevent interruption to consumers (i.e., residences, offices). The construction of the 115 kV power cable conduit system will consist of a single duct bank measuring 2 feet wide by 3 feet deep configured with four 6inch diameter PVC pipes encased in concrete, forming three rows of two conduit. This cable system will be buried by means of trenching with a minimum of 4 foot cover and horizontal directional drilling connecting manholes installed along the alignment for line service of the 4.3 mile route from Fairfield to the BGE Pumphrey substation. Energy Answers is requesting the Maryland Department of the Environment's expedited approval to have all the interconnection cabling done by the time the power plant comes on line.

12:00 to 1:00 PM

LUNCH

1:00 to 3:00 PM

Project Mid-Atlantic Power Pathway (MAPP) & Department of Energy Scoping Meeting

County: Prince Georges, Calvert, Dorchester, and Wicomico

Waterbody: Patuxent River, Chesapeake Bay, Choptank River, and Nanticoke River

Tidal Wetlands: Y

Nontidal Wetlands: Y

MDE Project Number:

Corps Project Number:

MDE Reviewer:

Corps Reviewer:

Presentation: Yes, PHI and DOE Scoping Meeting

Project Description: DOE will conduct an agency scoping meeting with the Maryland agencies. DOE would

have PHI give a brief presentation about the proposed transmission line and then ask them to leave and have the meeting open to Federal and State agencies only. This meeting would be for DOE to receive input from the Maryland agencies as part of our scoping process for the EIS being prepared for this project.

Joint Evaluation

Date: 3/23/rr

Project Name: CALVERT CLIFFS 3


Please "✓" next to your name or sign in if your name is not listed.

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Joint Evaluation

Date: 3/23/11

Project Name: CALVERT CLIFFS 3


Miscellaneous participants, please sign in.

“✓” if present

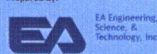
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CCNPP Unit 3
March 2011
Presentation to the JEC

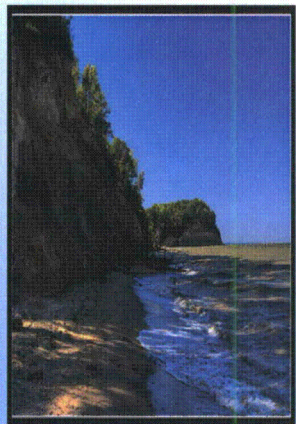
Prepared for:
UniStar Nuclear Energy



Prepared by:
EA Engineering, Science, & Technology, Inc.





March 23, 2011





Presentation Overview

- Project Status Update
- MDE Public Hearing Summary
- Non-Tidal Mitigation Milestones, Goals and Approach
- Tidal Mitigation Work Plan Milestones, Goals and Approach
- Questions and Comments





Project Status Update

- MDE Public Hearing Occurred March 7, 2011.
- Currently revising the Phase II Nontidal Mitigation Plan in order to address agency comments in an effort to meet the April 24, 2011 deadline for the Water Quality Certification decision.
- No Comments to date from the USCAE regarding the Non-Tidal Wetland Mitigation Plan and JPA.
- The FEIS writing session is ongoing and UniStar continues to work with the NRC and USACE to provide additional information when requested.





Public Hearing Summary

- Prior to the meeting, UniStar provided a poster presentation and met informally with interested parties and adjacent landowners
- UniStar provided handouts describing the facility development.
- Overall, all comments received during the hearing were positive and in favor of the project.
- UniStar can provide a transcript of the hearing to any interested parties.

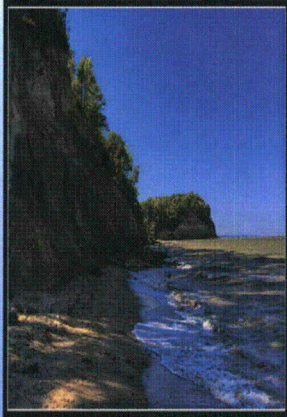


Public Hearing Summary

- Opening statements from Amanda Sigillito (MDE), Doldon Moore (BPW), and George Vanderhayden (Unistar).
- Received public comment from:
 - Susan Shaw (President of the Board of County Commissioners, Calvert County)
 - Dr. Richard Fleming (Dean, Prince Frederick Campus of the College of Southern Maryland)
 - Brooks Grady (Treasurer, Calvert County Chamber of Commerce)
 - Dr. Norman Meadow (Maryland Conservation Council)
 - Karen Meadow (Maryland Conservation Council)






Non-Tidal Mitigation



Non-tidal Mitigation Milestones



- 3/7/2011 – Public Hearing
- 3/21/2011 – Close of Public Comment Period
- Week of 4/4/11 – Onboard review of MDE comment Response with Kelly Neff
- Week of 4/11/11 – Submit Final Phase II Mitigation Plan to Agencies
- 4/24/11 – Receive decision on Water Quality Certification from MDE
- TBD – FEIS issued by NRC
- USACE Issues ROD
- MDE issues report to the Board of Public Works (BPW)
- BPW holds public hearing and approved tidal wetland license
- USACE and MDE approve Joint Permit Application and issue permit.

Restoration Goals

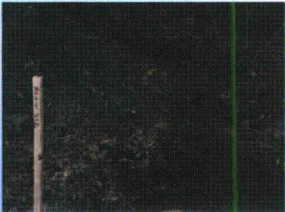


Protect existing resources by:

- Limiting / restoring channels affected by incision
- Limiting migration of incised portions of stream channel
- Protecting channels from stormwater impacts
- Effecting an uplift of the shallow groundwater table to enhance and create floodplain wetlands

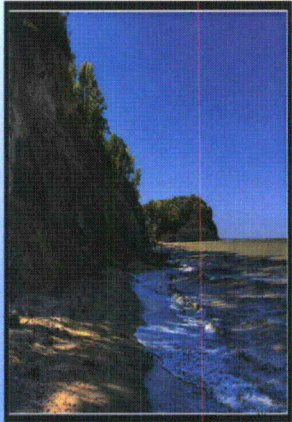



Restoration approach

- Uplift Groundwater
- Reference Reaches
- Riffle Grade Control
- Onsite Materials
- Beaver
- Regenerative Stormwater Conveyance







Tidal Impacts and Mitigation



Project Footprint

Description	Area	Notes
Total Limit of Disturbance	5.7 acres	
Area of new work within N.O.B. 19-2	2.5 acres	NOB 19-2 mitigation per CPCN Condition 53.
• Barge Slip	1.3 acres	
• Discharge Pipe	1.0 acres	
• Wedge Shaped Pool	0.04 acres	
• Fish Return	0.2 acres	
Maintenance Dredging Area	3.2 acres	No mitigation for maintenance work
New Work Dredging Area (Sand Bottom)	0.81 acres	Only sand habitat is of concern to NMFS.
New Work Dredging Area (Sand Bottom)	0.72 acres	Will be replaced with substrate suitable for benthic communities preferred by EFH species.
Barge Slip New Work (Sand Bottom)	0.09 acres	Permanent impact to "patchy" sand substrate.

Required Mitigation

- Driven by NMFS comment: "The proposed dredging will permanently impact coarse-substrate benthic community, as well as forage habitat important to managed species such as summer flounder. Therefore, **NMFS recommends that compensatory mitigation be required for the 4.5 acres of dredging impact on Flag Pond Bar.**"

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Tidal Mitigation Work Plan Milestones

- Conceptual Work Plan Prepared
- Desktop Study to Identify Potential Sites
 - Depth greater than 6 feet and shallower than 20 feet
 - Located on an delineated oyster bar
 - Be in an area that is not currently a functioning oyster bed
 - Available data indicate the current substrate is not suitable for supporting prey species

Note: NMFS and USACE approval of key project documents will be obtained.




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Tidal Mitigation Work Plan Milestones

- Conceptual Work Plan Prepared
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Note: NMFS and USACE approval of key project documents will be obtained.





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Tidal Mitigation Work Plan Milestones

- Site Design
 - A site plan will be created for the selected site
 - Includes detailed footprint, construction sequence and methods, materials specifications and performance criteria
- Regulatory Coordination and Permits
 - Site plan submitted for agency review
 - Final design will incorporate the comments received during review
- Construction/Implementation
 - An implementation plan will be submitted to the agencies
 - Constructed by a qualified contractor
 - As-built survey will be performed to document the final configuration of the mitigation area
 - Appropriate monitoring will be determined in consultation with regulatory agencies

Note: NMFS and USACE approval of key project documents will be obtained.




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Questions?

