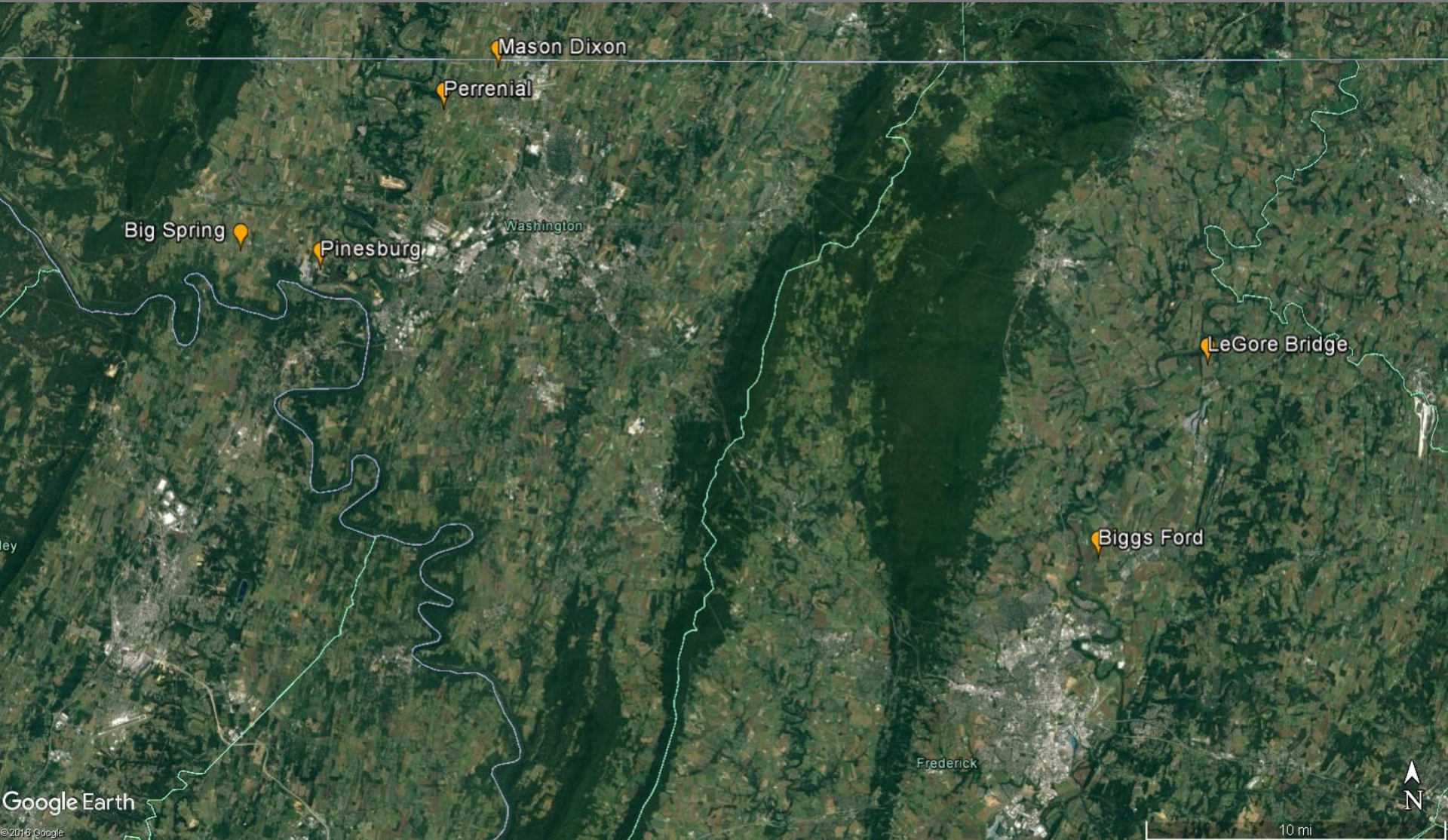


PPRAC - May 17, 2017



Recent and Upcoming CPCN Cases: Overview

Frederick & Washington Solar Projects



Pinesburg Solar - 9395



- 7 MW Solar PV proposed by Community Energy on approx. 55 acres of agricultural land in Washington County
- 34,000 panels of fixed-tilt design
- Recommended CPCN condition to provide afforestation mitigation of 8.2 acres in full compliance with FCA
- Proposed Order called for replacement of only 1/2 acre of trees removed by project, which was affirmed by Commission Order 88053 after appeal by DNR – 3 March 2017



Mason-Dixon Solar - 9426



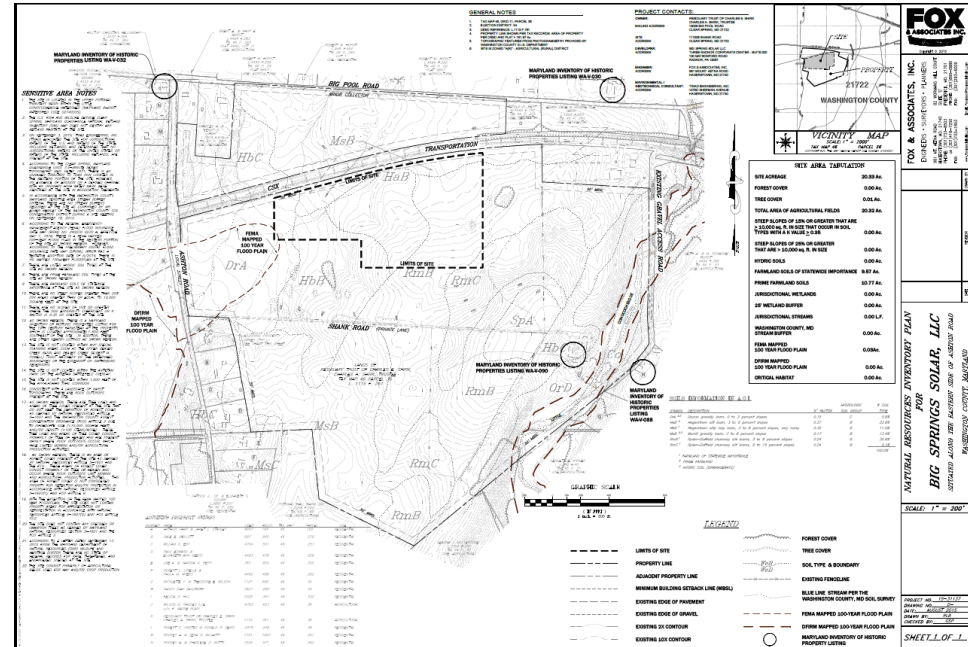
- 18.4 MW Solar PV proposed by Coronal Energy on up to 155 acres of agricultural land in Washington County
- 75,000 panels of fixed-tilt design
- Project location is less than 2 miles from Hagerstown Regional Airport – independent glare analysis showed no impacts; FAA and MAA concur
- FCA mitigation for afforestation also broached, but directs the project to comply with County
- Proposed Order issued in March became final on 28 April 2017



Big Spring Solar - 9402



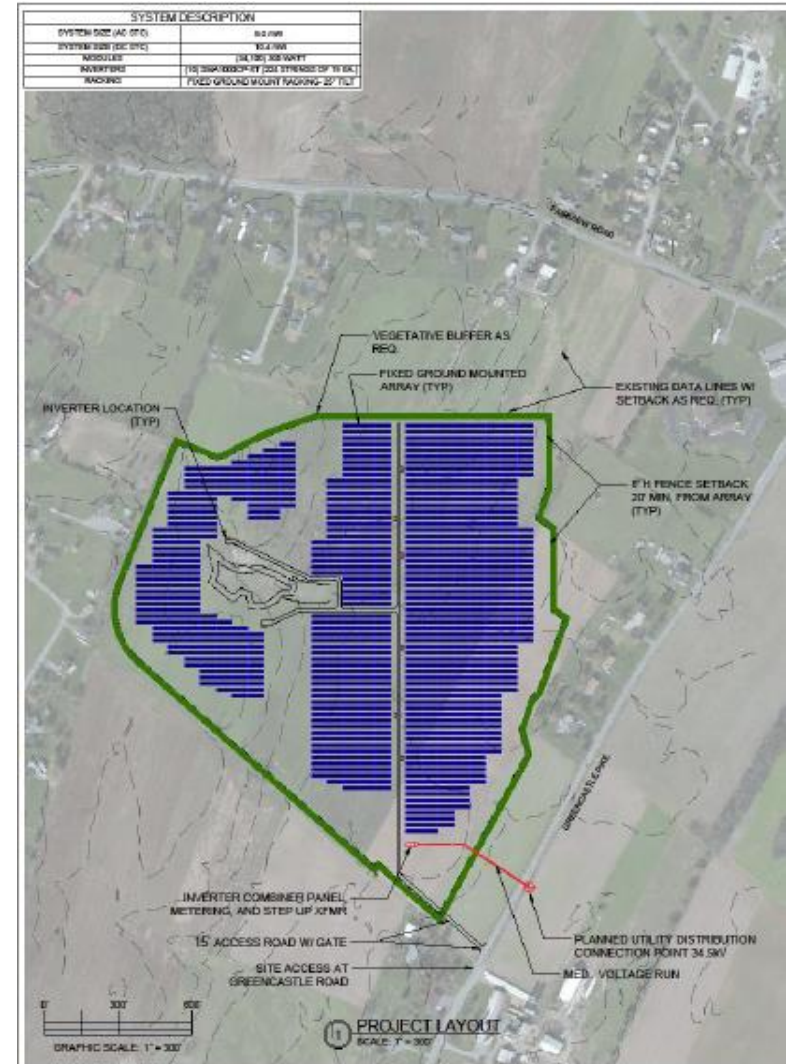
- 3.5 MW Solar PV proposed by Community Energy on 24 acres of agricultural land in Washington County
- 14,500 panels of fixed-tilt design
- Procedural schedule suspended more than a year pending outcome of FCA argument in other cases; full FCA compliance would require 4.8 acres of afforestation mitigation
- Prime Farmland and Farmland of Statewide Importance comprise the entire site



Perrenial Solar - 9408



- 8 MW Solar PV proposed by Community Energy on 70 acres of agricultural land in Washington County
- 34,000 PV modules of fixed-tilt design
- Procedural schedule has been suspended since 16 March 2016 pending outcome of arguments about FCA in other cases
- Prime Farmland and Farmland of Statewide Importance



LeGore Bridge Solar - 9429

- 20 MW Solar PV proposed by Coronal Energy on 170 acres of agricultural land in Frederick County
- 82,000 panels of single-axis tracking
- PPRP filed testimony and revised recommended license conditions on 13 April 2017
- Letter filed by Frederick County on 12 April 2017 asks that CPCN not be expedited or granted “waiver”
- An Evidentiary Hearing of the case was held 12 May 2017



Biggs Ford Solar - 9439

- 15 MW Solar PV proposed by Coronal Energy on 135 acres of agricultural land in Frederick County
- 61,000 panels of single-axis tracking
- Procedural schedule sets 30 November 2017 as target for Proposed Order
- More recent letter filed by Frederick County asks that CPCN not be expedited or granted “waiver”



Kent & Queen Anne's Solar Projects



Massey Solar - 9407

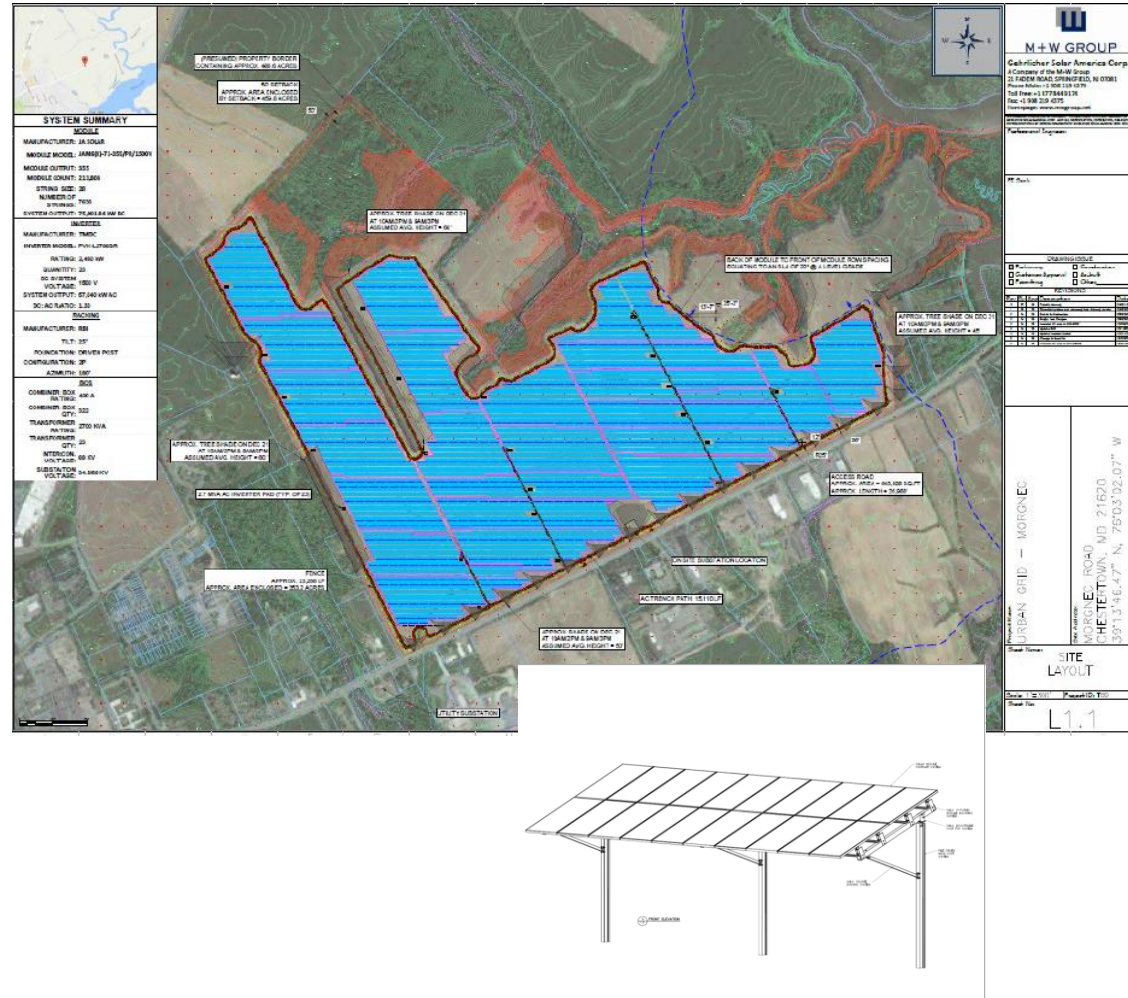
- 5 MW Solar PV proposed by Community Energy on 55 acres of agricultural land in Kent County
- 21,000 panels of single-axis tracking
- Case opened in late 2015, but suspended pending decisions on FCA and solar; PPRP due to file testimony and recommended license conditions end of May 2017
- Applicant opposes FCA mitigation; however County supports full compliance



Morgnec Road Solar - 9438



- 57 MW Solar PV proposed by Urban Grid on 255 acres of agricultural land in Kent County
- 214,000 panels of fixed-tilt design
- To date, active local and County interest in the CPCN case filed end of 2016; a procedural schedule has not been set
- Proximity to Critical Area required adjustment to site design



M+W GROUP
 Geilricher Solar America Corp.
 A Company of the M+W Group
 21100 N. ROAD, SUITE 200, WILMINGTON, DE 19806
 Phone: 302.477.8811 Fax: 302.477.8811
 www.mwgroup.com

PROJECT INFORMATION

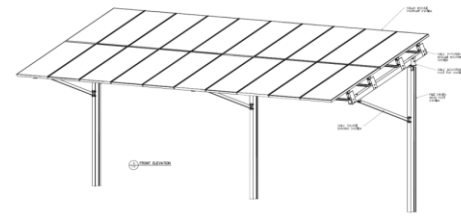
Project Name: Morgnec Road Solar
 Project Location: Morgnec Road, Kent County, MD
 Project No: 9438

DATE
 11/15/2016

SCALE
 1" = 100'

PROJECT LOCATION
 38°13'46.47" N, 75°03'02.07" W

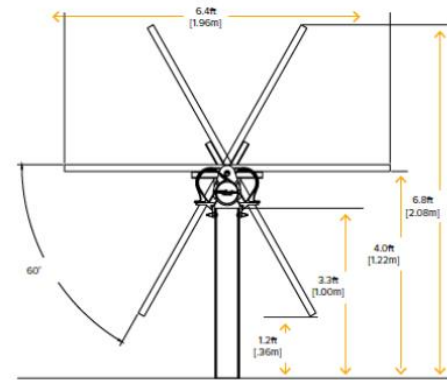
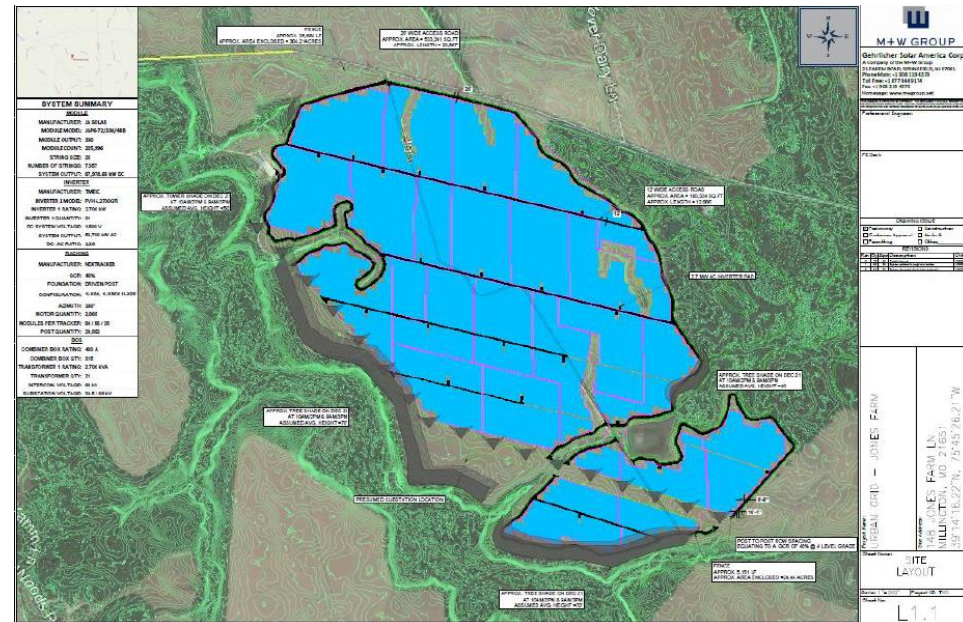
SITE LAYOUT
 L1.1



Jones Farm Lane Solar - 9436



- 56.7 MW Solar PV proposed by Urban Grid on 337 acres of agricultural land in Queen Anne’s County
- 205,996 panels of single-axis tracking design
- Filed at end of 2016; target for Proposed Order is 8 September 2017
- Voluntary compliance with FCA administered through County ordinance
- Proximity to Critical Area required adjustment to site design



Casper Solar - 9450

- 36.7 MW Solar PV proposed by Coronal Energy on 360 acres of agricultural land in Queen Anne's County
- 150,000 panels of single-axis tracking design
- Filed April 2017; a procedural schedule is pending
- Voluntary compliance with FCA administered through County ordinance
- Site is within a Priority Preservation Area



Dorchester Solar



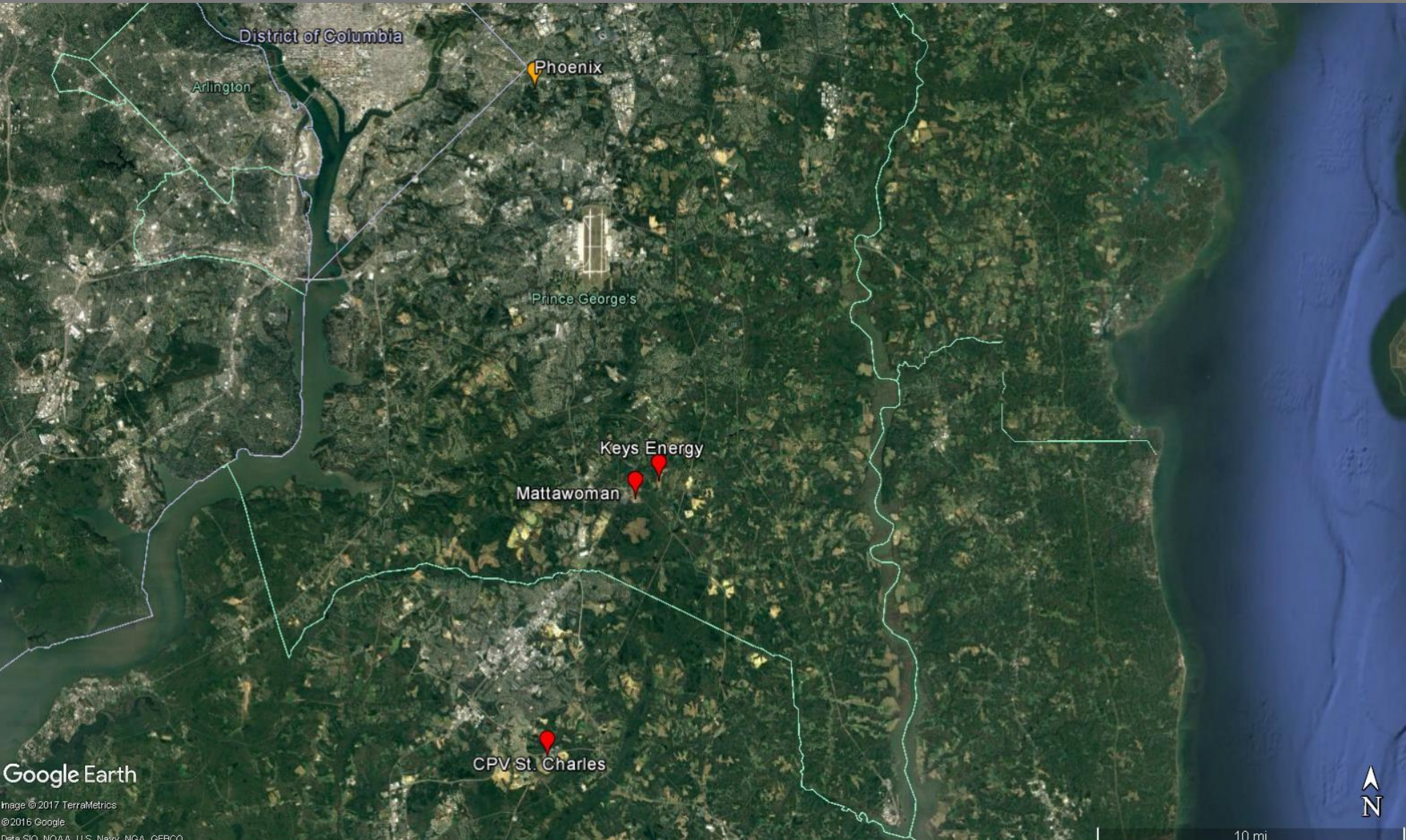
Egypt Road Solar - 9434



- 45.9 MW Solar PV proposed by Urban Grid on 290 acres of agricultural land in Dorchester County
- 172,000 panels of single-axis tracking design
- Filed end of 2016; procedural schedule targets 25 August 2017 for Proposed Order
- Voluntary compliance with FCA administered through Cambridge City ordinance
- Site is currently zoned Residential and part of a Priority Funding Area



Prince George's & Charles Solar and Natural Gas



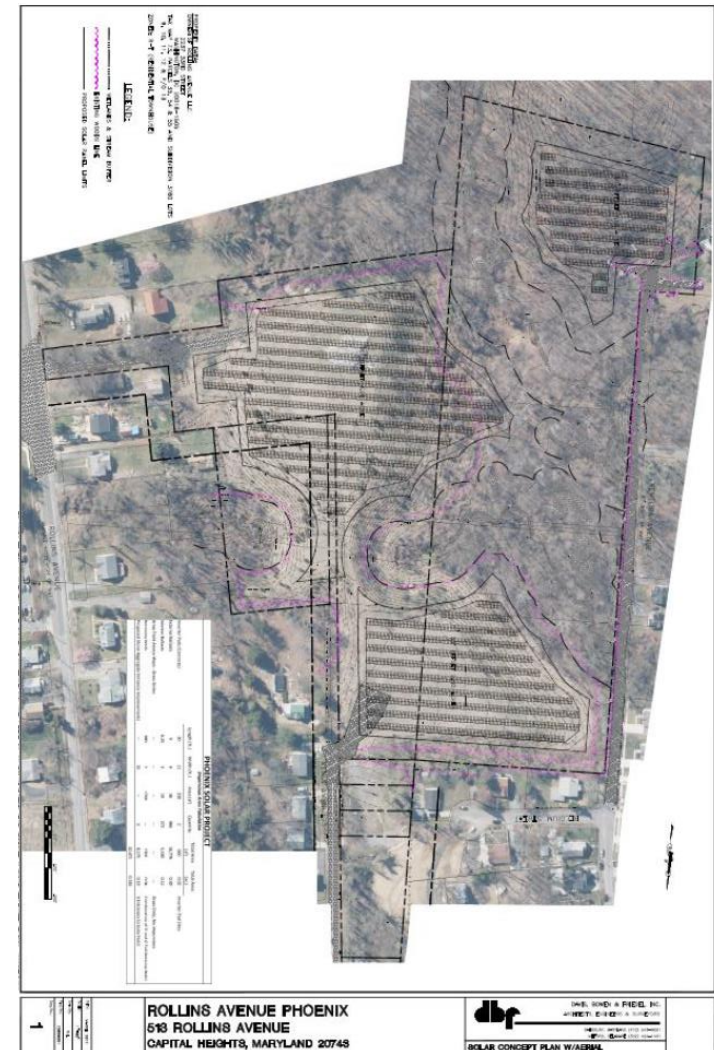
Google Earth

Image © 2017 TerraMetrics
© 2016 Google
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Phoenix Solar - 9446

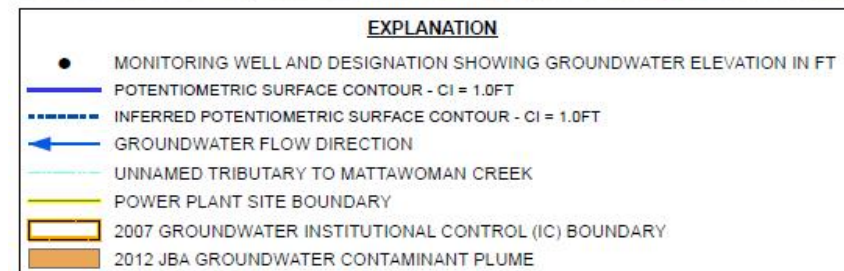
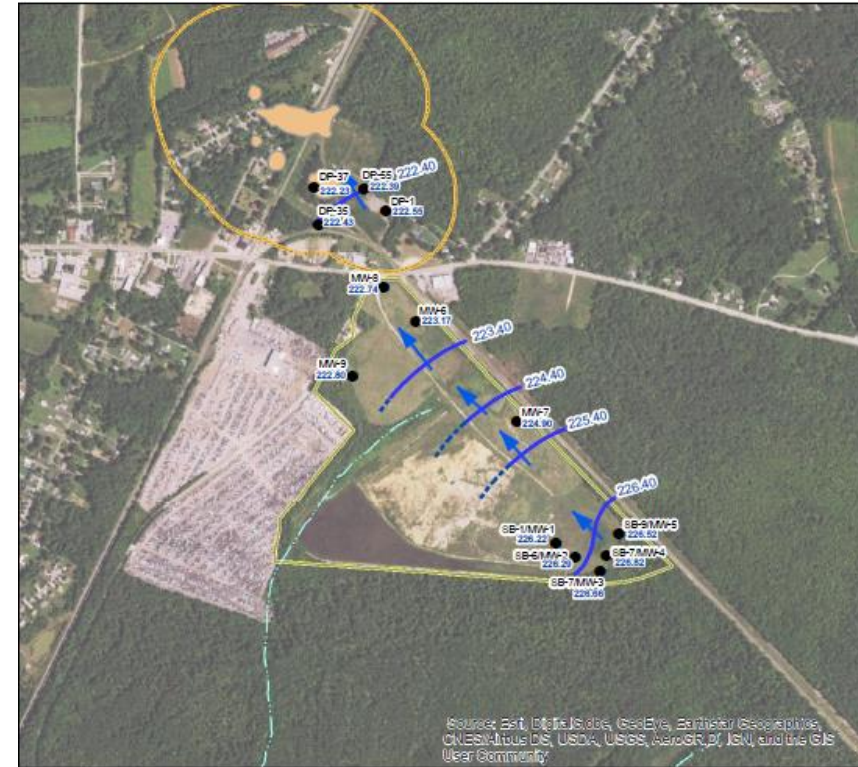


- 2.5 MW Solar PV proposed by SolSystems on 12 acres of reclaimed landfill in Prince George's County
- 6,642 panels of fixed-tilt design
- Filed in April 2017; procedural schedule targets 3 November 2017 for Proposed Order
- Site is zoned Residential/Townhouse
- Project to be review by Maryland National Capitol Park and Planning Commission (MNCPPC)



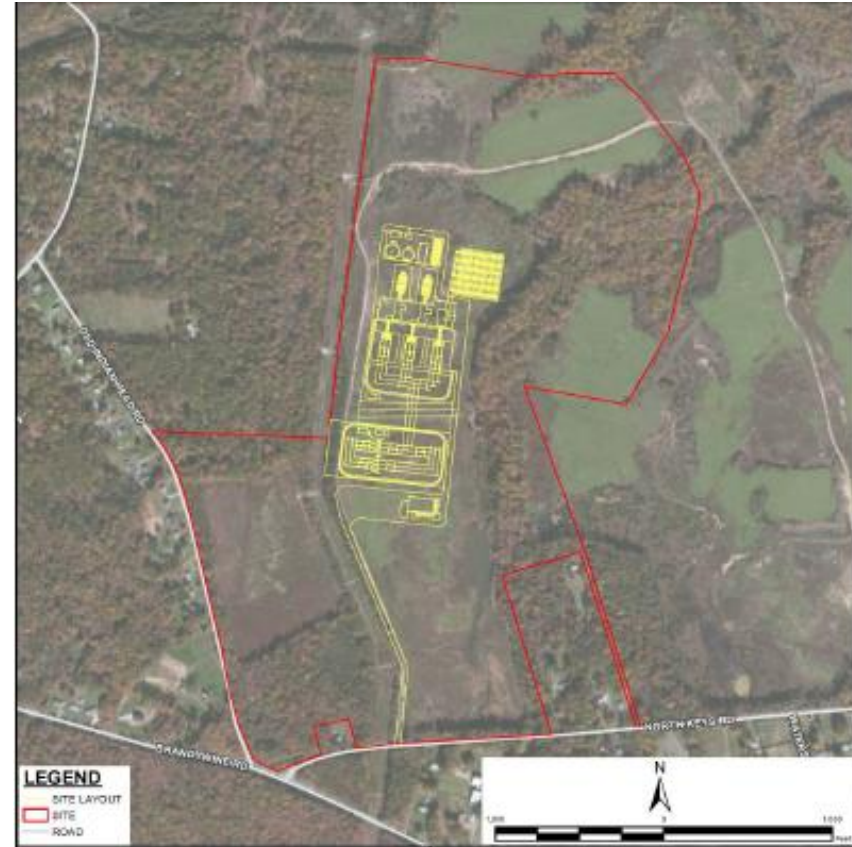
Mattawoman Energy - 9330

- 990 MW Natural Gas-fired combined-cycle facility in Prince George's County
- CPCN granted through Final Order issued 15 November 2015
- Recently completed consultation with JBA and regulators on plans for construction dewatering and transmission line construction
- CPCN modification to amend groundwater appropriation permit for reclaimed water pipeline; similar mod for natural gas pipeline later this year
- Ongoing Title VI Environmental Justice complaint administered by EPA – DNR, MDE, PSC named



Keys Energy Center - 9297

- 735 MW Natural Gas-fired combined-cycle facility under construction in Prince George's County
- Preceded Mattawoman by about a year with CPCN license review
- Project appears to be on track to become operational in spring 2018
- PSEG has made changes to design details and submitted revised air dispersion modeling for review; CPCN modification may be necessary



CPV St. Charles - 9437



- 725 MW Natural Gas-fired combined-cycle facility in Charles County commencing operations March 2017
- Modification under Case 9437 to increase facility output by 25 MW
- Achieved through technology upgrade, increase of operations, and revision of CPCN conditions to reflect new air permit review requirements
- PPRP to file direct testimony in late June; Proposed Order targeted end of July 2017



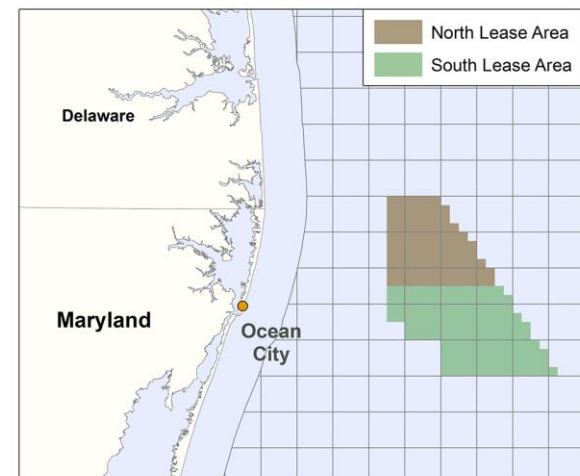
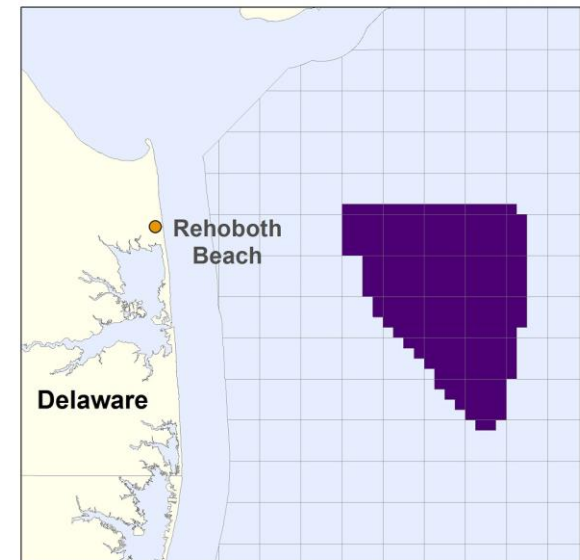
**PREVENTION OF SIGNIFICANT
DETERIORATION (PSD)
MAJOR MODIFICATION TO
CERTIFICATE OF PUBLIC CONVENIENCE
AND NECESSITY (CPCN)**

**ST. CHARLES ENERGY CENTER
725-MW COMBINED-CYCLE
PROJECT**

Offshore Wind - 9431



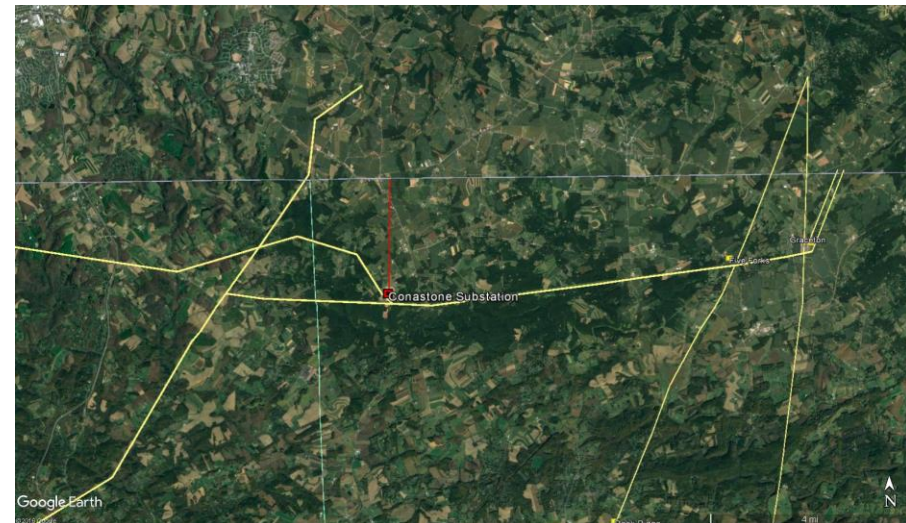
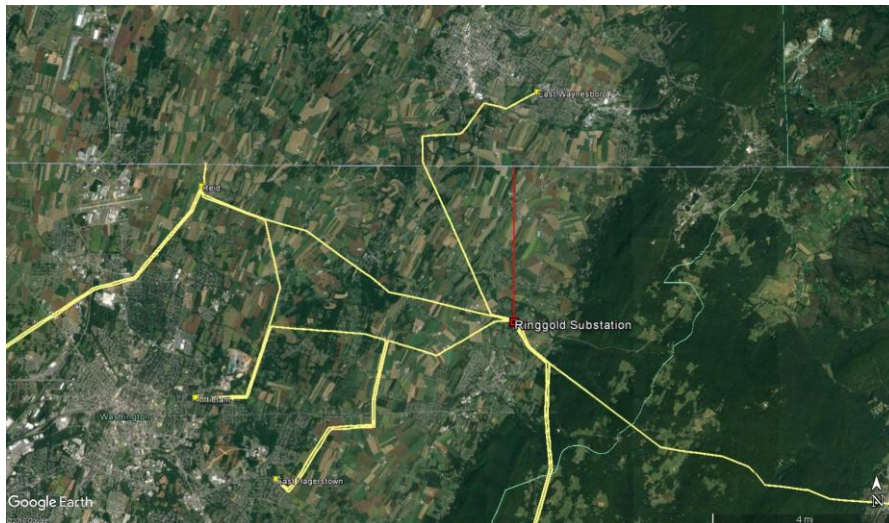
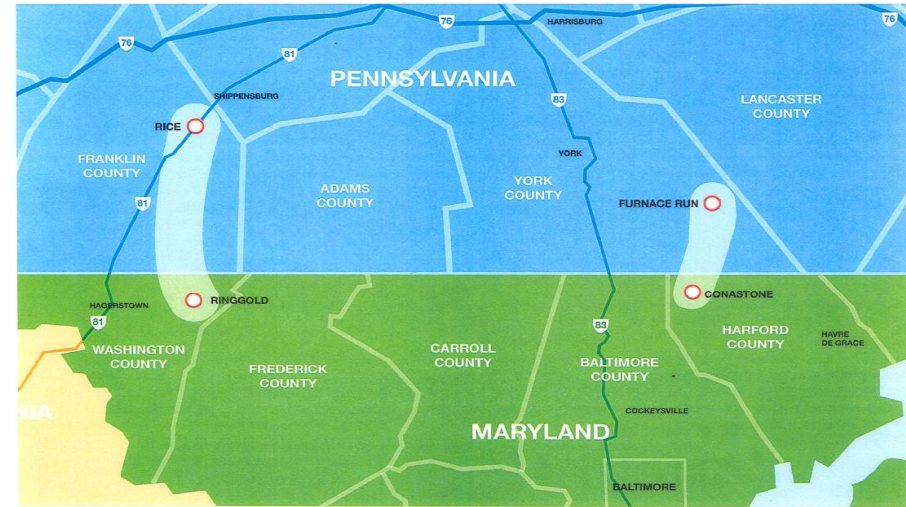
- Two projects considered by PSC for ORECs award:
 - US Wind – 248 MW in MD lease area; DE interconnection
 - Skipjack – 120 MW in DE lease area; MD interconnection
- PSC Evidentiary Hearings spanned two weeks in March 2017; Order 88192 issued 11 May 2017 accepting both projects – 368 MW of OSW
- PPRP’s role uncertain; only Skipjack’s export cable would cross MD State waters and interconnect with substation north of Ocean City
- PPRP could also participate in Federal reviews of the projects as a cooperating agency
- Both projects propose using Sparrows Point, Baltimore for turbine staging and construction



Transource – Independence Energy Connection Project

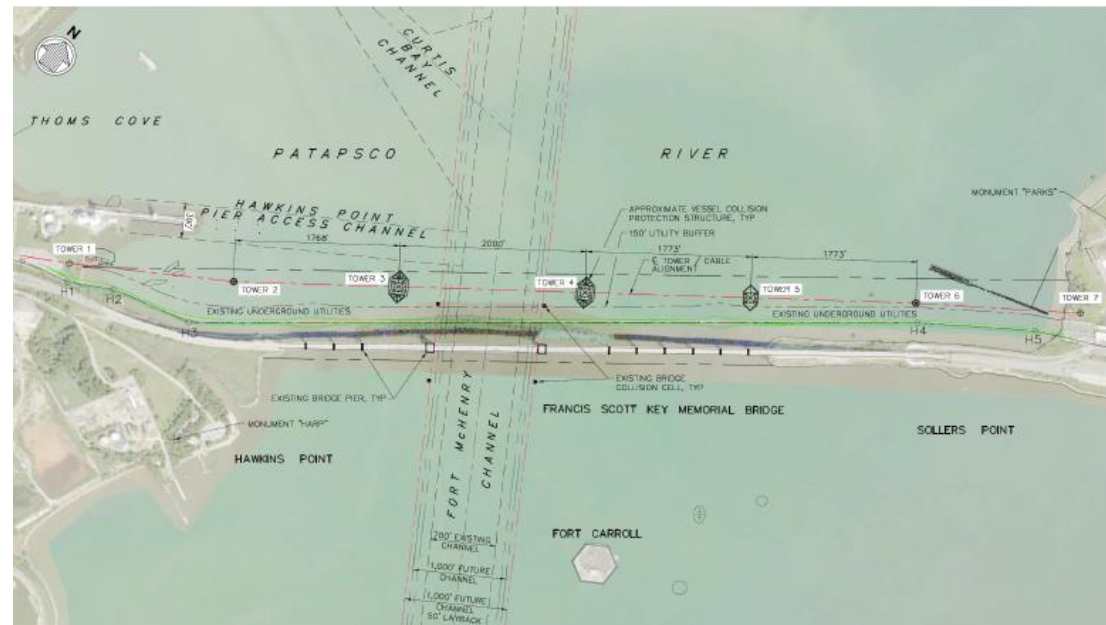


- Market Efficiency Project through PJM's RTEP process
- Two 230-kV T-lines interconnecting PA and MD substations – Washington and Harford Co's
- CPCN filing anticipated early 2018
- PPRP continues pre-application discussions with Transource regarding route selection in MD



Baltimore Harbor Crossing

- BGE to replace existing 230 kV lines beneath Baltimore Harbor with overhead T-line
- Existing lines are near end of life and direct replacement infeasible
- PPRP continues pre-application discussions with BGE on identifying resource issues and alternatives
- Project planning must consider USACE's "50-Foot Project," which is evaluating widening existing deep-draft channels
- CPCN filing is anticipated in early 2018
- BGE has already suggested creative T-line tower designs



Future Projects



Fuel Type: Status: State:

[Reset](#)

Showing 1 - 15 of 53

A B C D E F G H I J K L M N O P Q R S T U1 U2 U3 U4 Y1 Y2 Y3 Y4																		
W1 W2 W3 W4 X1 X2 X3 X4 Y1 Y2 Y3 Z1 Z2 AA1 AA2 AB1 AB2 AC1 AC2 AD1 All																		
Queue	AQ	Queue Date	RUM Substation	MW	WW In Sreq	MWC	MWE	Stat	Fcas	Imp	Foc	SA/ WREN	CSA	St	Projected In Service	Fuel		
AA1-041		9.23.2014	Jackson-East New Market 69kV	20		13.4	20	gth	●	●	○			MD	2016 Q4	☀		
AA1-140		10.31.2014	Worcester 25kV	20		7.6	20	gth	●	●	○			MD	2018 Q2	☀		
AA1-141		10.31.2014	Kessey 25kV	15		5.7	15	gth	●	●	○			MD	2016 Q4	☀		
AB1-123		10.29.2015	Shovelton 34.5kV	18.4		7	18.4	gth	●	●	●			MD	2017 Q3	☀		
AB1-124		10.29.2015	Monocacy-Carroll 34.5kV	20		7.6	20	gth	●	●	●			MD	2017 Q3	☀		
AB1-141		10.30.2015	Church-Wye Mills 138 kV I	19.8		13.5	19.8	gth	●	●	○			MD	2017 Q4	☀		
AB1-142		10.30.2015	Church-Wye Mills 138 kV II	19.8		13.5	19.8	gth	●	●	○			MD	2017 Q4	☀		
AB1-162		10.30.2015	Price 25kV	16.7		6.34	16.7	gth	●	●	○			MD	2017 Q3	☀		
AB1-176		10.30.2015	Price 25kV II	9		3.4	9	gth	●	●	○			MD	2016 Q4	☀		
AB2-032		2.11.2016	Church-Price 69kV III	20		13.6	20	gth	●	●				MD	2017 Q4	☀		
AB2-036		2.26.2016	Church-Steele 138kV	102		38.7	102	gth	●	●				MD	2018 Q4	☀		
AB2-037		2.26.2016	Kessey-Steele 230kV	212.5		80.75	212.5	gth	●	●				MD	2019 Q4	☀		
AB2-058		3.21.2016	Colons 34.5kV	10		3.8	10	gth	●	●				MD	2018 Q4	☀		
AB2-063		3.30.2016	Price 69kV	20		7.6	20	gth	●	●				MD	2018 Q4	☀		
AB2-084		4.15.2016	Costen 25kV	10		3.8	10	gth	●	●				MD	2018 Q4	☀		

View :



Questions?