

Queue Interconnection Studies of Projects Potentially Affecting Neighboring Systems

IPSAC WebEx

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Summary

- Projects in the respective ISO/RTO interconnection queues may have potential interregional effects on neighboring systems
 - This requires coordination of studies across ISO/RTO borders
- The Joint ISO/RTO Planning Committee continues to
 - Coordinate system data bases and models
 - Identify and evaluate the performance of projects affecting interregional system performance
- The ISO/RTO interconnection queues can be found at:
 - <https://www.iso-ne.com/irq>
 - <https://www.nyiso.com/interconnections>
 - <https://www.pjm.com/planning/services-requests/interconnection-queues.aspx>
- Several projects will now be discussed with the IPSAC
 - Slides show the effective date of November 1, 2022 for every ISO/RTO Queue
 - Changes from the May 16, 2022 IPSAC meeting are shown in red

NYISO TRANSMISSION AND GENERATION PROJECTS WITH POTENTIAL INTERREGIONAL IMPACTS

Supriya Tawde – NYISO

NYISO Interconnection Queue Projects with Potential ISO-NE/PJM Impact

| Transmission Project | Queue Number(s) | Zone(s) | Regions Affected | Proposed I/S Date |
|--|-----------------|---------|------------------|-------------------|
| Grand Isle Intertie Development | 386 | D | ISO-NE | 12/2023 |
| Empire State Connector HVDC | 506 | E, J | ISO-NE / PJM | 10/2025 |
| AVANGRID Connect NY Edic—PV | 540 | E, G | ISO-NE / PJM | 12/2020 |
| AVANGRID Connect NY Edic—Ramapo | 541 | E, G | ISO-NE / PJM | 12/2020 |
| National Grid Segment B Knickerbocker-PV | 543 | F, G | ISO-NE / PJM | 06/2023 |
| LS Power Segment A Double Circuit | 556 | E, F | ISO-NE / PJM | 06/2023 |
| NS Power Express | 631 | J | ISO-NE/PJM | 10/2026 |
| GridAmerica Holdings Alps—Berkshire | 632 | F | ISO-NE | 09/2021 |
| Renovo Energy Center | 654 | C | PJM | 12/2024 |
| ITC Lake Erie Connector | 684 | A | PJM | 03/2024 |
| CH Uprate | 887 | J | ISO-NE/PJM | 10/2026 |
| Empire State Connector II | 1001 | E, J | ISO-NE/PJM | 10/2025 |
| Barrett Ridge Energy - PARs | 1013 | G | PJM | 04/2024 |
| Catskills Renewable Connector | 1120 | F, J | ISO-NE / PJM | 06/2026 |
| Werner—Ravenswood | 1121 | J | ISO-NE / PJM | 12/2026 |
| Northern New York Priority Transmission Project (NNYPTP) | 1125 | D, E | ISO-NE | 12/2025 |
| Excelsior Connect—Edic to Rainey | 1131 | E, J | ISO-NE / PJM | 10/2025 |
| New Scotland Interconnection | 1155 | F, J | ISO-NE / PJM | 12/2025 |
| CPNY | 1167 | E, J | ISO-NE / PJM | 06/2026 |
| NY Interconnection 2 | 1206 | J | PJM | 06/2027 |
| NY Interconnection 1 | 1207 | J | PJM | 06/2027 |
| Atlantic Gateway | 1271 | H, K | ISO-NE / PJM | 12/2026 |

NYISO Interconnection Queue Projects with Potential ISO-NE/PJM Impact (Cont.)

| Transmission Project | Queue Number(s) | Zone(s) | Regions Affected | Proposed I/S Date |
|---|-----------------|-----------|------------------|-------------------|
| Downstate Clean Powerlink | 1273 | I,J,K | ISO-NE / PJM | 12/2028 |
| Propel NY Energy - Base Solution 2 | 1274 | I,J,K | ISO-NE / PJM | 12/2028 |
| Propel NY Energy - Base Solution 4 | 1275 | J, K | ISO-NE / PJM | 12/2028 |
| Propel NY Energy - Base Solution 1 | 1276 | I,J,K | ISO-NE / PJM | 12/2028 |
| Propel NY Energy - Base Solution 3 | 1277 | I,J,K | ISO-NE / PJM | 12/2028 |
| New York Renewable Connect - Core 1 | 1278 | I,J,K | ISO-NE / PJM | 12/2030 |
| New York Renewable Connect - Core 2 | 1279 | I,J,K | ISO-NE / PJM | 12/2030 |
| New York Renewable Connect - Core 3 | 1280 | I,J,K | ISO-NE / PJM | 12/2030 |
| New York Renewable Connect - Core 4 | 1281 | I,J,K | ISO-NE / PJM | 12/2030 |
| New York Renewable Connect - Core 5 | 1282 | I,J,K | ISO-NE / PJM | 12/2030 |
| New York Renewable Connect - Core 6 | 1283 | I,J,K | ISO-NE / PJM | 12/2030 |
| New York Renewable Connect - Core 7 | 1284 | H,I,J,K | ISO-NE / PJM | 12/2030 |
| New York Renewable Connect - Enhanced 1 | 1285 | H,I,J,K | ISO-NE / PJM | 12/2030 |
| New York Renewable Connect - Enhanced 2 | 1286 | G,H,I,J,K | ISO-NE / PJM | 12/2030 |
| New York Renewable Connect - Plus 3 | 1287 | I,J,K | ISO-NE / PJM | 12/2030 |
| CPNY-X | 1288 | E,J | ISO-NE / PJM | 12/2026 |
| Propel NY Energy - Alternate Solution 5 | 1289 | I,J,K | ISO-NE / PJM | 12/2028 |
| Propel NY Energy - Alternate Solution 6 | 1290 | I,J,K | ISO-NE / PJM | 12/2030 |
| Propel NY Energy - Alternate Solution 7 | 1291 | I,J,K | ISO-NE / PJM | 12/2030 |

NYISO Interconnection Queue Projects with Potential ISO-NE/PJM Impact (Cont.)

| Generation Project | Queue Number(s) | Zone(s) | Regions Affected | Proposed I/S Date | MW |
|--|-----------------|---------|------------------|-------------------|------|
| Invenergy Alle Cat II Wind | 596 | A | PJM | 02/2023 | 339 |
| Liberty Generating Alternative | 668 | J | PJM | 12/2024 | 1171 |
| Renovo Energy Center Uprate | 693 | C | PJM | 04/2023 | 515 |
| EDF Renewables Genesee Road Solar Energy Center | 858 | A | PJM | 09/2024 | 350 |
| Empire Solar | 954 | A | PJM | 08/2023 | 158 |
| Renewable Energy Aggregators, Inc. - Mifflin | 1004 | E | PJM | 01/2024 | 300 |
| Vineyard Wind I | 1010 | K | ISO NE | 07/2026 | 1400 |
| Vineyard Wind II | 1011 | K | ISO NE | 07/2026 | 1400 |
| Equinor Wind US - El Fort Salonga | 1020 | K | ISO NE | 12/2026 | 1300 |
| Equinor Wind US - El East Shoreham | 1021 | K | ISO NE | 12/2026 | 1300 |
| Equinor Wind US - El Glenwood Landing | 1022 | K | ISO-NE | 12/2026 | 1300 |
| Juno Power Management - Mainesburg ESS <i>(Energy Storage Project Located in PJM)</i> | 1036 | C | PJM | 10/2023 | 300 |
| Juno Power Management - East Sayre ESS <i>(Energy Storage Project Located in PJM)</i> | 1037 | C | PJM | 02/2022 | 75 |
| Fort Edward Solar Farm (NY53) | 1042 | F | ISO-NE | 10/2024 | 100 |
| Bay State Wind - NY Wind - Pilgrim | 1058 | K | ISO-NE | 01/2026 | 1275 |
| Mineral Basin Solar Power <i>(Energy Storage Project Located in PJM)</i> | 1080 | C | PJM | 01/2023 | 400 |
| SED NY Holdings LLC - Kingbird Solar | 1098 | A | PJM | 10/2022 | 20 |
| Ray Solar, LLC | 1100 | F | ISO-NE | 04/2024 | 20 |
| Bangor Solar | 1108 | D | ISO-NE | 11/2023 | 107 |

NYISO Interconnection Queue Projects with Potential ISO-NE/PJM Impact (Cont.)

| Generation Project | Queue Number(s) | Zone(s) | Regions Affected | Proposed I/S Date | MW |
|---------------------------------------|-----------------|--------------|-------------------|--------------------|-----------------|
| CLIES 10MW | 1112 | K | ISO-NE | 04/2022 | 10 |
| CLIES 20 MW | 1113 | K | ISO-NE | 04/2022 | 20 |
| Wading River Energy Center | 1114 | K | ISO-NE / PJM | 09/2023 | 50 |
| Flat Creek Solar 2 | 1115 | F | ISO-NE | 08/2024 | 100 |
| CLIES 70MW | 1117 | K | ISO-NE / PJM | 09/2024 | 70 |
| Fuller Storage | 1119 | G | ISO-NE / PJM | 06/2023 | 20 |
| KCE NY 29 | 1123 | K | ISO-NE / PJM | 09/2024 | 150 |
| Allegany 2 Battery 2 | 1128 | C | PJM | 07/2023 | 20 |
| Wintergreen Solar | 1138 | F | ISO-NE | 06/2024 | 75 |
| Taproot Solar | 1140 | E | ISO-NE | 06/2024 | 205 |
| Minerva BESS I | 1142 | J | ISO-NE / PJM | 03/2021 | 600 |
| Champlain Solar | 1146 | F | ISO-NE | 08/2024 | 100 |
| Wawayanda Solar | 1147 | G | PJM | 02/2023 | 20 |
| York Run Solar | 1151 | A | PJM | 09/2024 | 90 |
| Arcade Solar | 1160 | A | ISO NE | 08/2024 | 75 |
| Oakdale Energy Center | 1177 | C | PJM | 03/2025 | 200 |
| OW Ocean Winds East 4 | 1190 | J | PJM | 09/2029 | 1600 |
| OW Ocean Winds East 6 | 1192 | J | PJM | 09/2029 | 1600 |
| Stern Solar | 1198 | F | ISO-NE | 07/2024 | 20 |
| AGR-NY-1 | 1330 | J | PJM | 12/2028 | 1600 |
| AGR-NY-2 | 1332 | J | PJM | 12/2028 | 1600 |
| Atlantic Shores Offshore Wind Bight 2 | 1338 | J | PJM | 03/2030 | 2100 |

NYISO Interconnection Queue Projects with Potential ISO-NE/PJM Impact (Cont.)

| Generation Project | Queue Number(s) | Zone(s) | Regions Affected | Proposed I/S Date | MW |
|---------------------------------------|-----------------|---------|------------------|-------------------|------|
| Atlantic Shores Offshore Wind Bight 4 | 1340 | J | PJM | 03/2030 | 2100 |
| Atlantic Shores Offshore Wind Bight 4 | 1341 | J | PJM | 03/2030 | 2100 |
| Moonlight Flats Solar Power | 1343 | C | PJM | 06/2025 | 250 |
| Fresh Kills Energy Storage Project | 1344 | J | PJM | 12/2026 | 500 |
| Goethals Energy Storage Project | 1345 | J | PJM | 12/2026 | 500 |
| Community OSW Goethals 1 | 1371 | J | PJM | 04/2029 | 1100 |
| Community OSW Farragut 1 | 1372 | J | PJM | 04/2029 | 1100 |
| Community OSW Goethals 2 | 1377 | J | PJM | 04/2029 | 210 |
| Community OSW Farragut 2 | 1378 | J | PJM | 04/2029 | 210 |
| Attentive Energy 2 | 1386 | J | PJM | 12/2028 | 1310 |
| Mineral Basin II Solar Power | 1393 | C | PJM | 06/2026 | 222 |
| NY Interconnection 6 | 1434 | J | PJM | 06/2027 | 1050 |

ISO NEW ENGLAND TRANSMISSION AND GENERATION PROJECTS WITH POTENTIAL INTERREGIONAL IMPACTS

Stojan Nikolov – ISO-NE



ISO New England Interconnection Requests that had, are having, or will need Interregional Coordination

Active Projects

| QP | Type | Requested | Name | Net MW | ST | OpDate | Interconnection Point | SIS |
|------|------|------------|--|--------|----|------------|--|-----|
| 501 | ETU | 2/16/2015 | HVDC Tie - Import only | 1000 | VT | 12/31/2027 | HQ 735 kV substation to VELCO 345 kV Coolidge substation | Yes |
| 592 | G | 1/21/2016 | Pumped Storage Upgrade | 66 | MA | 12/19/2022 | GRID 230 kV Bear Swamp substation | Yes |
| 639 | ETU | 4/19/2017 | HVDC Tie | 1000 | ME | 12/20/2024 | CMP Larrabee Rd 345 kV Substation | Yes |
| 930 | G | 10/17/2019 | Power Station Increase | 1262 | CT | 05/13/2022 | Eversource's Millstone 345 KV switchyard (15G) | Yes |
| 1093 | ETU | 02/24/2021 | NB TA#1365950 HVDC | 0 | NB | 01/01/2030 | Salisbury, New Brunswick | No |
| 1310 | G | 9/22/2022 | Battery Storage | 118.8 | MA | 10/31/2025 | 115 kV Transmission line (1211 - Present between Doreen and Oswald substation) | No |
| 1317 | ETU | 9/30/2022 | Non-controllable objective ETU to enable 1200 MW injection near Norwalk substation | 1200 | CT | 12/30/2029 | Norwalk substation | No |
| 1333 | ETU | 11/07/2022 | 2400 controllable ETU - unidirectional | 1200 | CT | 5/31/2022 | 1. Singer 345kV Substation existing available circuit breaker position and new circuit breaker position. 2. Offshore platform at the MA/RI BOEM Wind Energy Areas | No |

QP is Queue Position; ETU is Elective Transmission Upgrade; G is Generator; SIS: Yes means report available, No means system impact study is not complete and no report is available

PJM TRANSMISSION AND GENERATION PROJECTS WITH POTENTIAL INTERREGIONAL IMPACTS

Zach Van Ness— PJM



PJM QUEUE PROJECTS JOINTLY COORDINATED WITH NYISO AND ISO-NE

| Queue ID | Project Description | Fuel Type | Transmission Zones | Total Facility | Capacity Value (MW) | Energy Value (MW) | Project Status |
|-------------------|--|-----------------|--------------------|---|---------------------|-------------------|-----------------------------|
| Y2-089 | Increase to X4-048 (PJM Project) a combined cycle natural gas facility connected at the Lackawana 230 kV bus | Natural Gas | PPL | 1370 | 370 | 370 | In-service |
| Y3-092 | Merchant transmission project (HVDC) connected at the Erie West 345 kV bus | N/A | PENELEC | 1000-MW firm injection; 500-MW firm withdrawal; 500-MW non-firm withdrawal | - | - | Withdrawn |
| AA1-111 | Natural gas generating facility along the Moshannon-East Towanda 230 kV line | Natural Gas | PENELEC | 463 | 463 | 463 | Engineering and Procurement |
| AB1-092 | Uprate to the AA1-111 project connected as a tap of the Chapman-Lobo 230 kV line | Natural Gas | PENELEC | 504 | 17 | 41 | Engineering and Procurement |
| AB1-160 | Wind facility uprate to the Z1-069 project tapping the Gold-Sabinsville 115 kV line | Wind | PENELEC | 90 | 3.8 | 20 | In-service |
| AB1-182 | Storage facility connected at the Bear Creek 69kV | Battery/Storage | PPL | 20 | 0 | 20 | Suspended – ISA signed |
| AC2-092 | Susquehanna-Lackawanna 500kV | Natural Gas | PPL | 1105 | 65 | 55 | Engineering and Procurement |
| AD1-108 | Grover 34 kV | Natural Gas | PENELEC | 21.4 | 1.5 | 1.5 | In-service |
| AD1-109 | Canton 34.5 kV | Natural Gas | PENELEC | 21 | 1.1 | 1.1 | In-service |
| AD1-110 | North Meshoppen 34.5 kV | Natural Gas | PENELEC | 21.4 | 1.5 | 1.5 | In-service |
| AD1-142 | Milan 34.5 kV | Natural Gas | PENELEC | 21 | 1.1 | 1.1 | In-service |
| AD2-009 | McConnellsburg 138 kV | Solar | APS | 70 | 48.1 | 70 | Under Construction |

PJM QUEUE PROJECTS JOINTLY COORDINATED WITH NYISO AND ISO-NE

| Queue ID | Project Description | Fuel Type | Transmission Zones | Total Facility | Capacity Value (MW) | Energy Value (MW) | Project Status |
|----------|---|-----------------|--------------------|----------------|---------------------|-------------------|-----------------------------|
| AD2-035 | Ontelaunee 230 kV | Natural Gas | METED | 630 | 14 | 38.9 | In-service |
| AD2-055 | Moshannon-East Towanda 230 kV | Natural Gas | PENELEC | 548 | 35 | 44 | Engineering and Procurement |
| AE1-051 | East Carbondale-Lackawanna 69kV | Battery/Storage | PPL | 74.5 | 10 | 0 | Facilities Study |
| AE1-059 | Stanton-Summit 230 kV | Hydro | PPL | 500 | 250 | 500 | Facilities Study |
| AE1-128 | Bedford North-Wills Mounain 115 kV | Solar | PENELEC | 120 | 72 | 120 | Facilities Study |
| AE1-160 | Venango 34.5 kV | Solar | PENELEC | 20 | 12.7 | 20 | Engineering and Procurement |
| AE2-074 | Potter 46 kV | Solar | PENELEC | 35 | 15.11 | 35 | Engineering and Procurement |
| AE2-113 | Farmers Valley-Ridgeway 115 kV | Solar | APS | 130 | 62.6 | 130 | Facilities Study |
| AE2-126 | Dubois-Curwensville 34.5 kV | Solar | PENELEC | 20 | 12 | 20 | Under Construction |
| AE2-139 | East Towanda-Grover 230 kV | Solar | PENELEC | 100.5 | 60.3 | 100.5 | Facilities Study |
| AE2-224 | Bearrock-Johnstown 230 kV | Solar | PENELEC | 100 | 60 | 100 | Under Construction |
| AE2-249 | Bedford North-Pennsylvania Hollow 23 kV | Solar | PENELEC | 13.5 | 8.1 | 13.5 | Suspended – ISA signed |
| AE2-299 | Erie East 230 kV | Battery/Storage | PENELEC | 160 | 32 | 160 | Facilities Study |
| AE2-344 | Edinboro South-Venango Junction 115 kV | Solar | PENELEC | 116.5 | 69.9 | 116.5 | Facilities Study |

PJM QUEUE PROJECTS JOINTLY COORDINATED WITH NYISO AND ISO-NE

| Queue ID | Project Description | Fuel Type | Transmission Zones | Total Facility | Capacity Value (MW) | Energy Value (MW) | Project Status |
|----------|------------------------------------|-------------------|--------------------|----------------|---------------------|-------------------|---|
| AF1-043 | Moshannon-East Towanda 230 kV | Natural Gas | PENELEC | 640 | 105 | 92 | SIS |
| AF1-006 | Fairview East 34.5 kV | Solar | PENELEC | 20 | 12.8 | 20 | Engineering and Procurement |
| AF1-177 | Warren 115 kV | Natural Gas | PENELEC | 62 | 5 | 5 | Partially in service / under construction |
| AF1-170 | Springboro-Venango Junction 115 kV | Solar | PENELEC | 77.5 | 46.5 | 77.5 | Facilities Study |
| AF1-198 | Blossburg #1 CT 34.5 kV | Natural Gas | PENELEC | 22.5 | 2.5 | 2.5 | Partially in service / under construction |
| AF1-277 | Lewis Run-Pierce Brook 2 230 kV | Solar | PENELEC | 200 | 67 | 100 | SIS |
| AF1-103 | Warren 34.5 kV | Solar and Battery | PENELEC | 20 | 20 | 20 | Facilities Study |
| AF1-106 | East Sayre 34.5 kV | Solar and Battery | PENELEC | 20 | 20 | 20 | Facilities Study |
| AF1-104 | Erie West 34.5 kV | Solar and Battery | PENELEC | 20 | 20 | 20 | Facilities Study |
| AF1-286 | East Sayre 34.5 kV II | Solar | PENELEC | 13.6 | 8.1 | 13.6 | Facilities Study |
| AF1-287 | Edinboro South 34.5 kV II | Solar | PENELEC | 20 | 12 | 20 | Engineering and Procurement |
| AF1-304 | Titusville-Grandview 115 kV | Solar and Battery | PENELEC | 100 | 60 | 100 | Facilities Study |

PJM QUEUE PROJECTS JOINTLY COORDINATED WITH NYISO AND ISO-NE

| Queue ID | Project Description | Fuel Type | Transmission Zones | Total Facility | Capacity Value (MW) | Energy Value (MW) | Project Status |
|----------|--------------------------------------|----------------|--------------------|----------------|---------------------|-------------------|-----------------------------|
| AF1-306 | Squab Hollow 230 kV | Battery | APS | 246.5 | 49.3 | 246.5 | SIS |
| AF1-278 | Lewis Run-Pierce Brook 3 230 kV | Solar | PENELEC | 280 | 53.44 | 80 | SIS |
| AF1-094 | Union City-Cambridge Springs 34.5 kV | Solar | PENELEC | 20 | 12 | 20 | Facilities Study |
| AF1-096 | Titusville-Oil Creek 34.5 kV | Solar | PENELEC | 20 | 12 | 20 | Facilities Study |
| AF1-098 | Four Mile Jct-Corry East 115 kV | Solar | PENELEC | 80 | 48 | 80 | Facilities Study |
| AF1-276 | Lewis Run-Pierce Brook 230 kV | Solar | PENELEC | 100 | 67 | 100 | SIS |
| AF1-217 | Edinboro -Cambridge Springs 34.5 kV | Solar | PENELEC | 20 | 12 | 20 | Suspended |
| AF2-010 | Union City-Titusville 115 kV | Solar | PENELEC | 77 | 46 | 77 | Facilities Study |
| AF2-197 | East Towanda 115 kV | Storage | PENELEC | 100.8 | 40.32 | 100.8 | SIS |
| AF2-235 | Titusville-Oil Creek 34.5 kV | Solar | PENELEC | 30 | 6 | 10 | Facilities Study |
| AF2-265 | South Troy-Athens 34.5 kV | Solar | PENELEC | 15 | 8.6 | 15 | Engineering and Procurement |
| AF2-282 | Edelle 12.47 kV | Solar, Storage | PPL | 3 | 0 | 3 | Withdrawn |

PJM QUEUE PROJECTS JOINTLY COORDINATED WITH NYISO AND ISO-NE

| Queue ID | Project Description | Fuel Type | Transmission Zones | Total Facility | Capacity Value (MW) | Energy Value (MW) | Project Status |
|----------|---------------------------------------|----------------|--------------------|----------------|---------------------|-------------------|-----------------------------|
| AF2-283 | Greenfield 12.47 kV | Solar; Storage | PPL | 2 | 0 | 2 | Engineering and Procurement |
| AF2-285 | W. Damascus 12.47 kV | Solar; Storage | PPL | 3 | 0 | 3 | Engineering and Procurement |
| AF2-294 | Thompson 34.5 kV | Solar | PENELEC | 20 | 12 | 20 | Engineering and Procurement |
| AF2-405 | East Sayre 34.5 kV III | Storage | PENELEC | 10 | 10 | 10 | Facilities Study |
| AF2-406 | Sayre 115 kV | Storage | PENELEC | 75 | 75 | 75 | SIS |
| AF2-412 | Mainesburg 115 kV | Storage | PENELEC | 130 | 130 | 130 | SIS |
| AF2-417 | West Damascus Tap-West Damascus 69 kV | Solar | PPL | 20 | 12 | 20 | Facilities Study |
| AF2-436 | Wyalusing 34.5 kV II | Natural Gas | PENELEC | 21.4 | 1.5 | 1.5 | In Service |
| AF2-437 | Oxbow 34.5 kV III | Natural Gas | PENELEC | 21.4 | 1.5 | 1.5 | In Service |

PJM QUEUE PROJECTS JOINTLY COORDINATED WITH NYISO AND ISO-NE

| Queue ID | Project Description | Fuel Type | Transmission Zones | Total Facility | Capacity Value (MW) | Energy Value (MW) | Project Status |
|----------|----------------------------------|-----------|--------------------|----------------|---------------------|-------------------|-----------------------------|
| AG1-040 | Morgan Street-Mount Hope 34.5 kV | Solar | Penelec | 20 | 12 | 20 | Facilities Study |
| AG1-100 | Venango-Saegertown 34.5 kV | Solar | Penelec | 20 | 12 | 20 | Facilities Study |
| AG1-140 | Union City 34.5 kV | Solar | Penelec | 2.6 | 1.7 | 2.6 | Engineering and Procurement |
| AG1-156 | Jack Frost-Lake Harmony 69 kV | Solar | PPL | 60 | 39.5 | 60 | Facilities Study |
| AG1-197 | Morgan Street-Cochranton 34.5 kV | Solar | Penelec | 15 | 9 | 15 | Engineering and Procurement |
| AG1-198 | Union City 34.5 kV | Solar | Penelec | 12 | 7.2 | 12 | Engineering and Procurement |
| AG1-202 | Springboro 12.47 kV | Solar | Penelec | 10 | 6.6 | 10 | Facilities Study |
| AG1-206 | Snyder Twp 34.5 kV | Solar | Penelec | 10 | 6.5 | 10 | SIS |
| AG1-253 | Erie East-Union City 34.5 kV | Solar | Penelec | 4 | 2.7 | 4 | Engineering and Procurement |
| AG1-303 | Geneva 115 kV | Solar | Penelec | 44 | 26.4 | 44 | Facilities Study |

PJM QUEUE PROJECTS JOINTLY COORDINATED WITH NYISO AND ISO-NE

| Queue ID | Project Description | Fuel Type | Transmission Zones | Total Facility | Capacity Value (MW) | Energy Value (MW) | Project Status |
|----------|------------------------------------|---------------|--------------------|----------------|---------------------|-------------------|----------------|
| AG1-392 | Gold 115 kV I | Solar | Penelec | 40 | 24 | 40 | SIS |
| AG1-392A | Gold 115 kV II | Solar | Penelec | 40 | 24 | 40 | SIS |
| AG1-392B | Gold 115 kV III | Solar | Penelec | 20 | 12 | 20 | SIS |
| AG1-392C | Gold 115 kV IV | Solar | Penelec | 20 | 12 | 20 | SIS |
| AG1-455 | Springboro-Venango Junction 115 kV | Storage | Penelec | 112.5 | 35 | 35 | SIS |
| AG1-548 | Erie South-Union City 115 kV | Solar/Storage | Penelec | 150 | 115 | 150 | SIS |

Questions

