



## New or Restarted Generation Facilities in PJM

(Announced Since July 2024)

Following the July 2024 capacity auctions—which cleared near the Cost of New Entry (CONE) for the first time in two decades—the generation market has seen a surge in momentum. While misconceptions regarding market stagnation persist, the data tells a different story: substantial capital investment is rapidly mobilizing. This document details over 43,000 MW of new generation expected to enter the PJM regional grid, evidencing a definitive and robust market response.

| STATE | FACILITY / PROJECT                      | MW            | RESOURCE          | DEVELOPER / OWNER          | LOCATION            | ANNOUNCE-<br>MENT | NOTES                                               |
|-------|-----------------------------------------|---------------|-------------------|----------------------------|---------------------|-------------------|-----------------------------------------------------|
| IL    | LaSalle Unit 2                          | 174           | Nuclear (uprate)  | Constellation Energy       | LaSalle Co.         | PJM RRI           | 2029 Q1 in service date                             |
| IL    | Jackson Generation                      | 120           | Gas (uprate)      | J-Power USA                | Will Co.            |                   | Target completion 26/27                             |
| IL    | Elgin Energy Center                     | 540 (approx.) | Gas (CTs)         | Middle River Power         | Cook Co.            | 2024-09-10        | Retirement reversed                                 |
| MD    | Constellation Maryland Battery Storage  | 800           | Battery (storage) | Constellation Energy       |                     | 2025-11-04        |                                                     |
| MD    | Calvert Cliff Clean Energy Center       | 190           | Nuclear (uprate)  | Constellation Energy       | Calvert County      | 2025-11-04        |                                                     |
| MD    | Constellation Maryland Natural Gas      | 700           | Gas (new)         | Constellation Energy       |                     | 2025-11-04        |                                                     |
| MD    | Oystercatcher BESS                      | 500           | Battery (storage) | Tenaska                    | Harford Co.         | PJM RRI           | New Build Storage                                   |
| MD    | Keys Energy Center Uprate (RRI)         | 56            | Gas (uprate)      | AlphaGen                   | Prince George's Co. | 2025-05-07        | Incremental uprate                                  |
| MD    | CPV Backbone Solar                      | 160           | Solar             | Competitive Power Ventures | Garrett Co.         | 2026-05-13        | Phase two will add an additional 15 MW              |
| NJ    | Sayreville Units 1-4 Reactivation       | 217 (approx.) | Dual-fuel CTs     | Heritage Power LLC         | Sayreville          | 2025-07-11        | Returned to service Aug 2025                        |
| NJ    | Linden Generating Station (RRI)         | 309           | Gas (uprate)      | AlphaGen                   | Union Co.           | 2025-05-07        | Incremental uprate                                  |
| NJ    | Bergen Generating Station               | 53            | Gas (uprate)      | AlphaGen                   | Bergen Co.          | 2025-05-07        | Incremental uprate                                  |
| OH    | Hardin II Solar Energy Center           | 105           | Solar             | Invenergy                  | Hardin Co.          | 2025-01-08        | Started Operations                                  |
| OH    | Bluegrass Energy Project                | 800           | Gas (CCGT)        | Bluegrass Energy           | Fayette Co.         | 2025-09-11        | 100% behind the meter, 2026 consturcion             |
| OH    | Chestnut Run Energy Project             | 1,300         | Gas               | Chestnut Run Energy, LLC   | Carroll Co.         |                   | Pre-application stage at Ohio Siting Board          |
| OH    | Socrates Power Station                  | 400           | Gas (CCGT)        | Williams                   | Licking Co.         | 2025-05-01        | Under construction, 2026 in service date            |
| OH    | Hamden Energy Project                   | 189           | Solar and Storage | Hamden Energy, LLC         | Vinton              |                   | Pre-application stage at Ohio Siting Board          |
| OH    | Richland Generation                     | 55            | Gas               | Rockland Capital           | Defiance            | RRI               | Target completion 27/28                             |
| OH    | Lordstown Uprate (RRI)                  | 30            | Gas (uprate)      | AlphaGen                   | Trumbull Co.        | 2025-05-07        | Incremental uprate                                  |
| OH    | Troy Plant Conversion                   | 300 (approx.) | Gas (CCGT conv.)  | NRG                        | Wood Co.            | 2025-03-14        | Conversion to baseload CCGT                         |
| OH    | PowerConneX II New Albany Energy Center | 216           | Gas               | EdgeConnEx                 | New Albany          |                   | Construction starting Q4 2025, 2027 in service date |
| OH    | Portsmouth Scioto/Pike County Site      | 9,200         | Gas               | SB Energy                  | Pike Co.            | 2026-03-20        | Behind-the-meter, data center                       |
| OH    | Dodson Creek Solar Project              | 117           | Solar             | Geronimo Power             | Highland Co.        | April 2026        | New Build                                           |
| OH    | Ohio Natural Gas                        | 1,700         | Natural Gas       | Tenaska                    | Jefferson Co.       | May 2026          | New Build                                           |
| OH    | Sloopy Solar                            | 180           | Solar             | Invenergy                  | Clark Co.           | 2025-09-30        |                                                     |
| OH    | Pleasant Prairie Solar Energy Center    | 140           | Solar             | Invenergy                  | Ohio                | 2025-06-26        |                                                     |
| OH    | Yellow Wood Solar Energy Center         | 300           | Solar             | Invenergy                  | Ohio                | 2025-06-26        |                                                     |

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|----------|----------------------------------------------|-----------------|-----------------------|-------------------------------|----------------------------------------------------------|--------------|------------------------------------------------------------------------------------------|
| OH       | Southeast Ohio Uprate                        | 1,500           | Nuclear               | Elementl                      | Southeast OH                                             | June 2026    | New Build                                                                                |
| OH       | CPV Rogue's Wind                             | 114             | Wind                  | Competitive Power Ventures    | Cambria Co. Clearfield Co.                               | 2024-08-22   | Est. Commercial Operation: Q2 2026                                                       |
| OH/PA    | Vistra / Meta Nuclear Uprates                | 433             | Nuclear               | Vistra                        | Beaver County (PA), Lake County (OH), Ottawa County (OH) | 2026-01-09   | Uprates at Beaver Valley (PA), Davis-Besse (OH) and Perry (OH)                           |
| PA       | Crane Clean Energy Center (restart of TMI-1) | 835 (approx.)   | Nuclear               | Constellation Energy          | Dauphin Co.                                              | 2024-09-20   | Restart of TMI-1; ~\$1.6B; COD 2027                                                      |
| PA       | Limerick Clean Energy Uprate                 | 340             | Nuclear (uprate)      | Constellation Energy          | Montgomery Co.                                           | 2025-07-15   | Extends life into 2040s                                                                  |
| PA       | Homer City Energy Campus                     | 4,500 (approx.) | Gas (7x GE 7HA.02) Ho | Homer City Redev.             | Indiana Co.                                              | 2025-04-02   | 4.5 GW redevelopment                                                                     |
| PA       | Shippingport Power Station                   | 2,700 (approx.) | Gas (NGCC)            | Frontier Group                | Beaver Co.                                               | 2025-07-16   | Repurposing Bruce Mansfield site                                                         |
| PA       | Greene County BTM Gas Plant (IEP III)        | 944             | Gas CCGT + BESS       | IEP III / Essential Utilities | Greene Co.                                               | 2025-08-27   | Behind-the-meter; data center                                                            |
| PA       | PPL-Blackstone JV                            | TBD             | Gas (multi-CCGT)      | PPL & Blackstone              | Multiple sites                                           | 2025-07-15   | ESA-backed; 2030s                                                                        |
| PA       | Armstrong Plant Conversion                   | 300 (approx.)   | Gas (CCGT conv.)      | NRG                           | Armstrong Co.                                            | 2025-03-14   | Conversion to baseload CCGT                                                              |
| PA       | Hummel Uprate (Capital Power)                | 40              | Gas (uprate)          | Capital Power                 | Snyder Co.                                               | 2025-03-14   | Incremental uprate                                                                       |
| PA       | Hunterstown Uprate (LS Power)                | 30              | Gas (uprate)          | LS Power                      | Adams Co.                                                | 2025-03-14   | Incremental uprate                                                                       |
| PA       | SW PA Natural Gas Generation Facility        | 4,300           | Gas                   | NextEra Energy Resources      | SW PA                                                    | 2026-03-20   | Approximately a \$17 billion project                                                     |
| VA       | Chesterfield Energy Reliability Center       | 944             | Gas peakers           | Dominion Energy VA            | Chesterfield Co.                                         | 2025-03-03   | CPCN filed; COD 2029                                                                     |
| VA       | Doswell Uprate                               | 30              | Gas (uprate)          | NRG                           | Hanover Co.                                              | 2025-03-14   | Incremental uprate                                                                       |
| VA       | Expedition Generating Station                | 611             | Gas (CCGT)            | Tenaska                       | Fluvanna Co.                                             | PJM RRI      | New Build CCGT                                                                           |
| VA       | Expedition Generating Station                | 712             | Gas (CCGT)            | Tenaska                       | Fluvanna Co.                                             | PJM RRI      | New Build CCGT                                                                           |
| VA       | Pelican BESS                                 | 650             | Battery (storage)     | Tenaska                       | James City Co.                                           | PJM RRI      | New Build Storage                                                                        |
| VA       | Spoonbill BESS                               | 425             | Battery (storage)     | Tenaska                       | Loudoun Co.                                              | PJM RRI      | New Build Storage                                                                        |
| VA       | Fluvanna Uprate (Tenaska Virginia Partners)  | 27 (approx.)    | Gas (uprate)          | Tenaska                       | Fluvanna Co.                                             | PJM RRI      | Incremental uprate                                                                       |
| WV       | Ridgeline Facility                           | 1,000 (approx.) | Gas (onsite)          | Fundamental Data              | Tucker Co.                                               | 2024-11-22   | Onsite for AI campus                                                                     |
| WV       | Mingo & Logan Microgrid Plants               | TBD             | Gas (microgrid)       | TransGas Data Systems         | Mingo & Logan Cos.                                       | 2024-08-29   | Onsite for data centers                                                                  |
| WV       | FirstEnergy Natural Gas Plant                | 1,200           | Natural Gas           | FirstEnergy                   |                                                          | 2025-11-09   | FirstEnergy has not picked out a site yet. Will file plans with the WV PSC in early 2026 |
| WV       | Wolf Summit                                  | 600             | Gas (CCGT)            | Kindle Energy / GE Vernova    | Harrison Co.                                             | 2025-11-13   | Construction began in April 2026                                                         |
| WV       | Moundsville                                  | 500             | Gas                   | Calpine                       | Marshall Co.                                             | 2026-01-22   |                                                                                          |
| MD/NJ/OH | AlphaGen Generation Uprate                   | 2,700           | Gas                   | AlphaGen                      | PJM Region                                               | 2026-05-07   | Incremental uprate                                                                       |

\*Note that this chart only includes publicly announced projects and that additional projects are included (but not announced) in the PJM RRI initiative.

For the complete list of RRI projects - <https://www.pjm.com/-/media/DotCom/committees-groups/committees/pc/2025/20250506/20250506-rri-addendum---post-meeting.pdf>

\*\* On September 23, 2025, Constellation announced plans to invest in equipment and technology upgrades that could add up to 2,000 MW of additional nuclear generating capacity across its PJM fleet.