

Cogeneration and Small Power Production Power Purchase Rate Schedule Grid Connected Qualifying Facility Sized Over 100 kW

Availability:

Available only to qualified cogeneration ("CoGen") or small power production ("SPP") Qualifying Facilities ("QF") with a design capacity of over 100 kW which have executed a contract with EKPC and the Owner-Member Cooperative ("Cooperative") in whose service territory it is physically located for the purchase of electric power by EKPC. To qualify, such QFs must be directly interconnected to the distribution system of the Cooperative or to the transmission system of EKPC and inject 100% of its available energy. Such QFs do not supply any energy production directly to a retail member. Additionally, such QFs may supply capacity to EKPC only after being studied by PJM Interconnection, L.L.C. ("PJM") in its interconnection process and executing the final agreement necessary for PJM Interconnection, L.L.C. to authorize the capacity injection from the resource. Pursuant to Federal Energy Regulatory Commission ("FERC") regulations 18 C.F.R. §§ 292.303(a), 292.309, and 292.310, EKPC is not obligated to purchase electric energy and/or capacity from CoGen QFs with a net capacity of over twenty (20) MW or SPP QFs with a net capacity over five (5) MW. Net capacity is the highest output possible from the QF including hybrid QFs that co-locate a generation resource with an energy storage system at the same point of interconnection.

Rates:

The rates set forth below shall be used as the basis for negotiating a final purchase rate with qualifying facilities pursuant to Section 7 of 807 KAR5:054.

- 1. Capacity (optional) – The QF's owner ("Seller") may elect to sell capacity and receive capacity payments. The capacity rate will be applied to the QF's capacity accreditation, which will be calculated based on the applicable technology-specific Effective Load Carry Capability ("ELCC") published by PJM for each Base Residual Auction ("BRA") Delivery Year, to determine the appropriate payment for each delivery year. A Delivery Year is June 1 to May 31 the following year. The capacity accreditation will be updated and applied to the capacity rate on June 1 each year. Capacity payments will reflect the annual adjustments to both the capacity rate and resource's capacity accreditation and are expressed in \$/kW year.

2-year contract \$0

5-year contract – SPP	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30
	\$22.88	\$23.44	\$24.00	\$24.58	\$25.18	\$25.79

5-year contract – CoGen	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30
	\$91.53	\$93.74	\$96.01	\$98.33	\$100.71	\$103.15

- 2. Energy – Seller will be credited monthly for the electric energy produced by the QF at the actual real-time locational marginal price for energy set by PJM at the EKPC zonal node during each hour of the day at the time of delivery. The payments will be offset by a market administration fee of \$0.00014 per kWh to cover EKPC's market participation costs.

Terms and Conditions:

- 1. Pursuant to FERC regulations 18 C.F.R. §§ 292.303(a), 292.309, and 292.310, EKPC is not obligated to purchase electric energy and/or capacity from a CoGen QFs with a net capacity over twenty (20) MW nor from SPP QFs with a net capacity over five (5) MW.

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KENTUCKY PUBLIC SERVICE COMMISSION
President and Chief Executive Officer

Issued by authority of an order of the Public Service Commission of Kentucky.
Case No. 2024-00101 Dated: January 17, 2025

KENTUCKY
PUBLIC SERVICE COMMISSION

Linda C. Bridwell
Executive Director




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2/1/2025
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

Grid Connected Qualifying Facility Sized Over 100 kW (continued)

2. All energy and capacity, if elected, from a QF will be sold only to EKPC. EKPC will offer the energy and any supplied capacity into the PJM wholesale power market.
3. A QF must provide good quality electric power within a reasonable range of voltage, frequency, flicker, harmonic currents, and power factor.
4. A QF electing to receive capacity payments is subject to a non-performance penalty should the QF not provide energy during the periods in which PJM has declared a Performance Assessment Interval ("PAI") affecting the EKPC zone in the PJM region. Seller may be eligible to receive a payment for any performance that exceeds the performance PJM expects from the unit and PJM has collected non-performance penalties that may be distributed to the resources PJM has deemed as having over performed during periods in which PJM has declared a PAI affecting the EKPC Zone in the PJM region. The non-performance penalty shall be consistent with the current PJM Open Access Transmission Tariff ("OATT") penalty calculation as described in PJM OATT, Attachment DD, Section 10A.
5. A QF electing to receive capacity payments shall provide reasonable credit assurance for EKPC and Cooperative. This includes, but is not limited to, collateral provided by the Seller and held by EKPC to mitigate potential default by the QF of paying any assessed non-performance penalty.
6. A QF shall design, construct, install, own, operate, and maintain the QF in accordance with all applicable codes, laws, regulations, and generally accepted utility practices.
7. A QF shall pay EKPC and Cooperative for all one-time or ongoing costs incurred as a result of interconnecting with the QF, including but not limited to system impact studies, operation, maintenance, administration, metering, and billing. Should the QF elect to supply capacity, the QF also will be responsible to PJM for all costs associated with PJM's interconnection process as defined in the PJM OATT Section IV.
8. QF shall obtain insurance in the following minimum amounts for each occurrence:
 - a. Public Liability for Bodily Injury - \$1,000,000.00
 - b. Property Damage - \$500,000.00
9. The initial contract term of QF agreement made pursuant to this tariff shall be for a minimum of two years and a maximum of five years.
10. QFs must meet the definition set forth in 807 KAR 5:054 to be eligible for this tariff.
11. Updated rates will be filed with the Public Service Commission of Kentucky ("Commission") by March 31 of each year.
12. A QF shall submit an Application for Interconnection found at www.ekpc.coop/cogeneration-applicants, sign the agreement and receive approval from EKPC, Cooperative, and the Commission prior to connecting to the power grid. Additional Terms and Conditions may apply.

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PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

Cogeneration and Small Power Production Power Purchase Rate Schedule Grid Connected Qualifying Facility Sized Less Than 100 kW

Availability:

Available only to qualified cogeneration ("CoGen") or small power production ("SPP") Qualifying Facilities ("QF") with a design capacity of 100 kW or less which have executed a contract with EKPC and one of EKPC's Owner-Member Cooperatives ("Cooperative") in whose service territory it is physically located for the purchase of electric power by EKPC. To qualify, such QFs must be directly interconnected to the distribution system of the Cooperative or to the transmission system of EKPC and inject 100% of its available energy. Such QFs do not supply any energy production directly to a retail member. Additionally, such QFs may supply capacity to EKPC only after being studied by PJM Interconnection, L.L.C. ("PJM") in its interconnection process and executing the final agreement necessary for PJM to authorize the capacity injection from the resource. The capacity limit of 100kW is the highest output possible from the QF, including hybrid QFs that co-locate a generation resource with an energy storage system at the same point of interconnection.

Rates:

- Capacity (*optional*) – The QF's owner ("Seller") may elect to sell capacity and receive capacity payments. The capacity rate will be applied to the QF's capacity accreditation, which will be calculated based on the applicable technology-specific Effective Load Carry Capability ("ELCC") published by PJM for each Base Residual Auction ("BRA") Delivery Year, to determine the appropriate payment for each delivery year. A Delivery Year is June 1 to May 31 the following year. The capacity accreditation will be updated and applied to the capacity rate on June 1 each year. Capacity payments will reflect the annual adjustments to both the capacity rate and resource's capacity accreditation and are expressed in \$/kW year.

2-year contract \$0

5-year contract – SPP	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30
	\$22.88	\$23.44	\$24.00	\$24.58	\$25.18	\$25.79

5-year contract – CoGen	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30
	\$91.53	\$93.74	\$96.01	\$98.33	\$100.71	\$103.15

- Energy – Seller will be credited monthly for the electric energy produced by the QF at the actual real-time locational marginal price for energy set by PJM at the EKPC zonal node during each hour of the day at the time of the delivery. The payments will be offset by a market administration fee of \$0.00014 per kWh to cover EKPC's market participation costs.

Terms and Conditions:

- All energy and capacity, if elected, from a QF will be sold only to EKPC. EKPC will offer the energy and any supplied capacity into the PJM wholesale power market.
- A QF must provide good quality electric power within a reasonable range of voltage, frequency, flicker, harmonic currents, and power factor.

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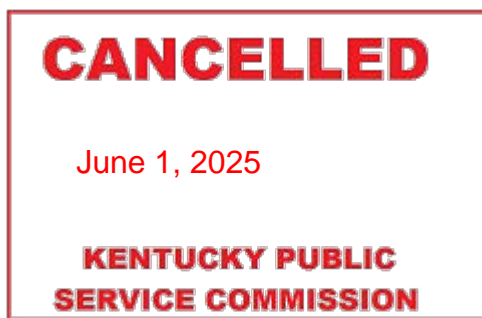
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Grid Connected Qualifying Facility Sized Less Than 100 kW (Continued)


- 3. A QF shall provide reasonable protection for EKPC's and Cooperative's system.
- 4. A QF electing to receive capacity payments is subject to a non-performance penalty should the QF not provide energy during the periods in which PJM has declared a Performance Assessment Interval ("PAI") affecting the EKPC zone in the PJM region. Seller may be eligible to receive a payment for any performance that exceeds the performance PJM expects from the unit and PJM has collected non-performance penalties that may be distributed to the resources PJM has deemed as having over performed during periods in which PJM has declared a PAI affecting the EKPC Zone in the PJM region. The non-performance penalty shall be consistent with the current PJM Open Access Transmission Tariff ("OATT") penalty calculation as described in PJM OATT, Attachment DD, Section 10A.
- 5. A QF electing to receive capacity payments shall provide reasonable credit assurance for EKPC and Cooperative. This includes, but is not limited to, collateral provided by the Seller and held by EKPC to mitigate potential default by the QF of paying any assessed non-performance penalty.
- 6. A QF shall pay EKPC and Cooperative for all one-time and ongoing costs incurred as a result of interconnecting with the QF, including but not limited to, system impacts studies, operation, maintenance, metering, administration, and billing. Should the QF elect to supply capacity, the QF also will be responsible to PJM for all costs associated with PJM's interconnection process as defined in the PJM OATT Section IV.
- 7. A QF shall obtain insurance in the following minimum amounts for each occurrence:
 - a. Public Liability for Bodily Injury - \$1,000,000.00
 - b. Property Damage - \$500,000.00
- 8. The initial contract term of QF agreement made pursuant to this tariff shall be for a minimum of two years and a maximum of five years.
- 9. QFs must meet the definition set forth in 807 KAR 5:054 to be eligible for this tariff.
- 10. Updated rates will be filed with the Public Service Commission of Kentucky ("Commission") by March 31 of each year.
- 11. A QF shall submit an Application for Interconnection found at www.ekpc.coop/cogeneration-applicants, sign the agreement and receive approval from EKPC, Cooperative, and the Commission prior to connecting to the power grid. Additional Terms and Conditions may apply.

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PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

Cogeneration and Small Power Production Power Purchase Rate Schedule Co-Located Qualifying Facility Sized Over 100 kW

Availability:

Available only to qualified cogeneration ("Cogen") or small power production ("SPP") Qualifying Facilities ("QF") that are co-located with a retail member such that it is connected behind the retail member's meter and supplies energy directly to the retail member, offsetting the retail member's grid-supplied energy consumption, and injecting any energy that exceeds the retail member's load. A retail member is the member of one of EKPC's Owner-Member Cooperatives. As such, the QF is deemed to be providing "as available" energy to the electric grid and must have executed a contract with EKPC and the EKPC Owner-Member Cooperative ("Cooperative") in whose service territory it is located for the purchase of energy by EKPC. Pursuant to FERC regulations 18 C.F.R. §§ 292.303(a), 292.309, and 292.310, EKPC is not obligated to purchase electric energy and/or capacity from CoGen QFs with a net capacity over twenty (20) MW nor SPP QF with a net capacity over five (5) MW. Net capacity is the highest possible MW output from the QF including hybrid QFs that co-locate a generation resource with an energy storage system.

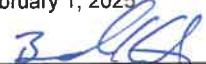
Rates:

1. Capacity – The QF is providing EKPC only the energy that exceeds the retail member's consumption, or "as available" energy. The QF does not supply capacity, and, thus, is not eligible to receive a capacity payment.
2. Energy – The retail member will be credited monthly for the "as available" energy produced by the QF and delivered to the Cooperative's distribution system at the value of the real-time locational marginal price for energy set by PJM Interconnection, L.L.C. ("PJM") at the EKPC zonal node during each hour of the day at the time of delivery. The payments will be offset by a market administration fee of \$0.00014 per kWh to cover EKPC's market participation costs.

Terms and Conditions:

1. Pursuant to FERC regulations 18 C.F.R. §§ 292.303(a), 292.309, and 292.310, EKPC is not obligated to purchase electric energy and/or capacity from CoGen QFs with a net capacity over twenty (20) MW nor from SPP QFs with a net capacity over five (5) MW.
2. A QFs "as available" energy will be sold only to EKPC. Payment for "as available" energy will be provided to the retail member via check or a bill credit.
3. A QF must provide good quality electric power within a reasonable range of voltage, frequency, flicker, harmonic currents, and power factor.
4. A QF shall design, construct, install, own, operate, and maintain the QF in accordance with all applicable codes, laws, regulations, and general accepted utility practices, including, IEEE 1547 standard.
5. A QF shall pay EKPC and Cooperative for all one-time and ongoing costs incurred as a result of interconnecting with the QF, including but not limited to, system impacts studies, operation, maintenance, administration, special metering, and billing.



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PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

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Co-Located Qualifying Facility Sized Over 100 kW (continued)

- 6. A QF shall obtain insurance in the following minimum amounts for each occurrence:
 - a. Public Liability for Bodily Injury - \$1,000,000.00.
 - b. Property Damage - \$500,000.00
- 7. The Initial contract term shall be for a minimum of two years and a maximum of five years.
- 8. QFs co-located with a retail member's load proposing to supply "as available" energy shall not be entitled to a capacity payment.
- 9. QFs must meet the definition set forth in 807 KAR 5:054 to be eligible for this tariff.
- 10. Updated rates will be filed with the Public Service Commission of Kentucky ("Commission") by March 31 of each year.
- 11. Retail member shall submit an Application for Interconnection found at www.ekpc.coop/cogeneration-applicants, sign the agreement and receive approval from EKPC, Cooperative, and the Commission prior to connecting to the power grid. Additional Terms and Conditions may apply.
- 12. A QF shall not supply electric energy to a retail member unless it is owned and operated by the retail member.
- 13. For interconnection to a radial distribution circuit, the aggregated generation on the circuit, including the proposed QF, shall not exceed 15% of the line section's most recent annual one-hour peak load. A line section is the smallest part of the primary distribution system the QF could remain connected to after operation of any sectionalizing devices.
- 14. If the QF is to be interconnected on a single-phase shared secondary, the aggregate generation capacity, including the proposed QF, will not exceed the smaller of 20 kVA or the nameplate rating of the transformer.
- 15. If the proposed QF is single-phase and is to be interconnected on a center tap neutral of a 240 volt service, its addition shall not create an imbalance between the two sides of the 240 volt service of more than 20% of the nameplate rating of the service transformer.

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June 1, 2025

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PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

Cogeneration and Small Power Production Power Purchase Rate Schedule Co-Located Qualifying Facility Sized Less Than 100 kW

Availability:

Available only to qualified cogeneration ("CoGen") or small power production ("SPP") Qualifying Facilities ("QF") that are co-located with the retail member such that it is connected behind the retail member's meter and supplies energy directly to the retail member, offsetting the retail member's grid-supplied energy consumption, and injecting any energy that exceeds the retail member's load. A retail member is the member of one of EKPC's Owner-Member Cooperatives. As such, the QF is deemed to be providing "as available" energy to the electric grid and must have executed a contract with EKPC and the EKPC Owner-Member Cooperative ("Cooperative") in whose service territory it is located for the purchase of energy by EKPC. Net capacity is the highest possible MW output from the QF including hybrid QFs that co-locate a generation resource with an energy storage system.


Rates:

1. Capacity – The QF is providing EKPC only the energy that exceeds the retail member's consumption, or "as available" energy. The QF does not supply capacity, and, thus, is not eligible to receive a capacity payment.
2. Energy – The retail member will be credited monthly for the "as available" energy produced by the QF and delivered to the Cooperative's distribution system at the value of the real-time locational marginal price for energy set by PJM Interconnection, L.L.C. ("PJM") at the EKPC zonal node during each hour of the day at the time of delivery. The payments will be offset by a market administration fee of \$0.00014 per kWh to cover EKPC's market participation costs.

Terms and Conditions:

1. A QFs "as available" energy will be sold only to EKPC. Payment for "as available" energy will be provided to the retail member via check or a bill credit.
2. QF must provide good quality electric power within a reasonable range of voltage, frequency, flicker, harmonic currents, and power factor.
3. A QF shall design, construct, install, own, operate, and maintain the QF in accordance with all applicable codes, laws, regulations, and general accepted utility practices, including, IEEE 1547 standard.
4. A QF shall pay EKPC and Cooperative for all costs incurred as a result of interconnecting with the QF, including but not limited to, operation, maintenance, administrations, special metering, and billing.
5. For interconnection to a radial distribution circuit, the aggregated generation on the circuit, including the proposed QF, shall not exceed 15% of the line section's most recent annual one-hour peak load. A line section is the smallest part of the primary distribution system the QF could remain connected to after operation of any sectionalizing devices.

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Co-located Qualifying Facility Sized Less Than 100 kW (continued)

- 6. If the QF is to be interconnected on a single-phase shared secondary, the aggregate generation capacity, including the proposed QF, will not exceed the smaller of 20 kVA or the nameplate rating of the transformer. T
- 7. If the proposed QF is single-phase and is to be interconnected on a center tap neutral of a 240-volt service, its addition shall not create an imbalance between the two sides of the 240-volt service of more than 20% of the nameplate rating of the service transformer.
- 8. Cooperative will install, at the utility's expense, a bi-directional meter capable of communicating with the metering system of the utility. Any additional meter communication equipment, special meters, or distribution upgrades needed to monitor the flow in each direction shall be installed at the retail member's expense.
- 9. QFs co-located with a retail member's load proposing to supply "as available" energy shall not be entitled to a capacity payment.
- 10. QFs must meet the definition set forth in 807 KAR 5:054 to be eligible for this tariff. T
- 11. Updated rates will be filed with the Public Service Commission of Kentucky ("Commission") by March 31 of each year.
- 12. Retail member shall submit an Application for Interconnection found at www.ekpc.coop/cogeneration-applicants and receive approval from EKPC and Cooperative prior to connecting to the power grid. EKPC and Cooperative may deny approval of the Application for Interconnection if either of them determines the QF cannot be safely connected to the Cooperative's power grid, or if the system fails the Terms & Condition set forth in this tariff or the Application for Interconnection. Additional Terms and Conditions may apply.
- 13. A QF shall not supply electric energy to a retail member unless it is owned and operated by the retail member.



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