

SERVICE DATE Dec 20, 2023
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PUBLIC SERVICE COMMISSION OF WISCONSINApplication of Wisconsin Public Service Corporation for Authority to
Adjust Electric and Natural Gas Rates

6690-UR-127

FINAL DECISION ON REOPENING

This is the Final Decision on Reopening of the application of Wisconsin Public Service Corporation (applicant) for approval of a limited electric reopener to adjust Wisconsin retail electric rates for the 2024 test year and for approval of the applicant's 2024 Fuel Cost Plan. Final overall rate changes¹ in 2024 are authorized consisting of a \$36.7 million rate decrease for the applicant's total company electric operations, or 2.73 percent, with a \$32.8 million rate decrease for Wisconsin retail electric operations, or 2.59 percent, for the test year ending December 31, 2024, based on a 9.80 percent return on common equity (ROE).

Introduction

On April 28, 2022, the applicant filed an application with the Commission requesting authority to adjust electric and natural gas rates effective January 1, 2023. The applicant also requested that the Commission authorize a limited electric rate reopener to adjust electric rates for 2024. On December 22, 2022, in its Final Decision² the Commission ordered the applicant to file for a limited electric reopener for the 2024 test year to address additional capital investment through the generation reshaping plan (GRP) that will achieve commercial operation in 2023 and

¹ Changes reflected in the Final Decision on Reopening reflect changes in the revenue requirement and any difference from rates shown in the appendices is due to rounding.

² Final Decision, signed and dated December 22, 2022 (PSC REF#: 455196)

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2024, as well as to address reduced operations and maintenance (O&M) and fuel expenses from future coal plant retirements.

On May 15, 2023, the applicant filed an application with the Commission for the limited electric reopener consistent with the December 22, 2022 Final Decision. ([PSC REF#: 468320.](#)) After consideration of the areas subject to the limited reopener and the 2024 Fuel Cost Plan pursuant to Wis. Admin. Code ch. PSC 116, the applicant requested an overall reduction in total company electric revenue requirement of \$28.3 million or approximately 2.0 percent, which includes a 2024 Fuel Cost Plan decrease of \$36.9 million or 2.7 percent for the test year ending December 31, 2024.

On June 1, 2023, the Commission issued an Order to Reopen to consider the applicant's application for authority to change electric rates. ([PSC REF#: 469505.](#)) The Commission's Order to Reopen indicated that it would determine the actual level of the revenue requirement after reviewing the application and holding a hearing that was to be scheduled at a later date. In addition, the Order instructed any person desiring to become a party to file for intervention no later than 14 days from the date of service. Citizens Utility Board of Wisconsin (CUB), International Union of Operating Engineers, Local 420 (Local 420), and Wisconsin Industrial Energy Group (WIEG), requested and were granted intervention and are therefore parties to this proceeding. ([PSC REF#: 472012.](#))

On August 18, 2023, the applicant filed supplemental direct testimony updating its 2024 electric operations test year revenue requirement for an oversight where the applicant identified that it had inadvertently omitted from its as-filed rate base the materials and supplies inventory for the Weston Reciprocating Internal Combustion Engine (RICE) Units that were placed in

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service on July 28, 2023. The total revenue requirement associated with this supplemental direct testimony was \$0.153 million for the 2024 electric operations. (Direct-WPSC-Stasik-s-1.)

A Scheduling Order-Reopener was issued on July 5, 2023, that identified the parties, established the issues, schedule, and other facilitation matters for this proceeding pursuant to Wis. Admin. Code § PSC 2.04(4).³ ([PSC REF#: 472012.](#)) The issues for hearing were identified in the Order to Reopen. ([PSC REF#: 469505.](#))

On August 14, 2023, the Commission issued a Notice of Hearing. ([PSC REF#: 475177.](#)) Pursuant to due notice, a party hearing was held virtually on October 2, 2023, to receive testimony and technical information from the parties to the proceeding. ([PSC REF#: 481777.](#)) On September 25, 2023, a public hearing was held in person and virtually for members of the general public. ([PSC REF#: 481193.](#)) The Commission's public hearing process involved the opportunity for members of the public to submit written comments through the Commission's website or at the public hearing, or to testify at the public hearing. The Commission received 13 written public comments. ([PSC REF#: 482663.](#))

The parties, for purposes of review under Wis. Stat. §§ 227.47 and 227.53, are listed in Appendix A.

The Commission considered the record in this proceeding at its open meetings of November 21, 2023, and December 20, 2023.

³ On July 15, 2023, CUB filed a motion for interlocutory review of the Scheduling Order. ([PSC REF#: 472924.](#)) Pursuant to Wis. Admin. Code § PSC 2.27(3), the motion was denied.

Findings of Fact

1. The applicant is an investor-owned electric and natural gas public utility as defined in Wis. Stat. § 196.01(5)(a), providing electric and natural gas service to north central and northeast Wisconsin.

2. Presently authorized rates for the applicant's Wisconsin retail electric utility operations will produce operating revenues of \$1,265.7 million for the test year ending December 31, 2024, which results in an annual revenue sufficiency of \$32.8 million, which is excessive.

3. A reasonable decrease in operating revenue for the 2024 test year to produce a 7.55 percent return on average net investment rate base for Wisconsin retail electric operations is \$32.8 million.

4. The applicant's filed incremental electric revenue requirement for the 2024 test year, as adjusted for Commission decisions, is reasonable.

5. A reasonable 2024 monitored fuel cost is \$283,533,533 on a Wisconsin retail basis. A reasonable 2024 Fuel Cost Plan for total company monitored fuel costs is \$318,005,308 or \$27.19 per megawatt-hour (MWh), as shown in Appendix C.

6. It is reasonable to monitor the applicant's fuel costs using a plus or minus 2.00 percent bandwidth, as provided in Wis. Admin. Code § PSC 116.06(3).

7. It is reasonable for the applicant to file for its 2025 Fuel Cost Plan in 2024 in accordance with Wis. Admin. Code ch. PSC 116.

8. It is reasonable to accept Commission staff's uncontested fuel cost adjustments.

9. It is reasonable to accept the applicant's proposed Elm Road Generating Station's (ERGS) coal blend for 2024.

10. It is reasonable to accept Commission staff's adjustment to remove the impact of the proposed purchase by Wisconsin Electric Power Company (WEPCO) of West Riverside Option 2 from monitored fuel costs.

11. It is reasonable to accept Commission staff's proposal to use the Equivalent Forced Outage Rate (EFOR) from the Certificate of Public Convenience and Necessity (CPCN) for the West Riverside units.

12. It is reasonable to update fuel costs including New York Mercantile Exchange (NYMEX) commodity futures settlement prices for natural gas and fuel oil as of October 17, 2023 index values, Argus spot coal prices as of October 13, 2023, associated railroad escalations per existing contracts, new fuel-related contracts and dispatch pricing adjustments to limit coal-fired generation given anticipated 2024 coal rail delivery performance, to forecast the applicant's 2024 monitored fuel costs.

13. It is reasonable to include the incremental revenue requirement impact for Paris Solar Generating (Paris Solar) and Paris Battery Energy Storage System (Paris BESS) (Paris), Darien Solar Generating (Darien Solar) and Darien Battery Energy Storage System (Darien BESS) (Darien), and the Weston RICE project in the 2024 test year electric revenue requirement.

14. It is reasonable to include the revenue requirement impact for the Distribution Connected Solar (DCS) projects in the 2024 test year electric revenue requirement.

15. It is reasonable to include the materials and supplies inventory associated with Weston RICE in the 2024 test year electric revenue requirement.

16. It is reasonable to defer the incremental revenue requirement impact of the change in the in-service date of Paris Solar and Paris BESS, with carrying costs at the applicant's short-term debt rate, to a future rate proceeding.

17. It is reasonable to require the applicant to defer any impacts of the Infrastructure Investment Jobs Act (IIJA) of 2021, when the impacts are incurred or received, with carrying costs at the applicant's short-term debt rate, to a future rate proceeding.

18. It is reasonable to issue this Final Decision on Reopening without the presence of cost-of-service studies (COSS) given the limited scope of the proceedings.

19. It is reasonable to approve the electric revenue allocation initially proposed by Commission staff, as modified and conditioned by this Final Decision on Reopening.

20. It is reasonable to accept the comprehensive electric rate design proposed by Commission staff, as modified and conditioned by this Final Decision on Reopening.

21. It is reasonable to approve tariff changes for electric service consistent with the rates shown in Appendix B.

22. It is not necessary for the applicant to provide energy burden impact analysis alongside any rate increase request.

23. Energy conservation, renewable resources, or energy priorities listed in Wis. Stat. §§ 1.12 and 196.025 and their combination would not be cost effective, technically feasible, or environmentally sound alternatives to the changes authorized herein.

24. It is reasonable for all other terms and conditions of the Commission's Final Decision in this docket not expressly superseded herein to continue.

Conclusions of Law

1. The Commission has jurisdiction under Wis. Stat. §§ 1.12, 196.02, 196.025, 196.03, 196.19, 196.20, 196.22, 196.37, 196.374, 196.395, 196.39, 196.40, and Wis. Admin. Code chs. PSC 113 and 116 to enter this Final Decision on Reopening authorizing the applicant to place in effect the rates and rules for electric set forth in Appendix B and the fuel cost treatment set forth in Appendix C.

2. The rates and rules for electric service set forth in this Final Decision on Reopening in Appendix B, and the fuel cost treatment set forth in Appendix C, are just and reasonable.

3. The Commission's determinations in this Final Decision on Reopening comply with the Energy Priorities Law.

4. The Commission's determinations in this matter are based on the specific facts presented in this application, and are not precedential.

Opinion

Applicant and its Business

The applicant is an investor-owned electric and natural gas utility, as defined in Wis. Stat. § 196.01(5), engaged in the production, transmission, distribution, and sale of electricity, and in the purchase, distribution, and sale of natural gas in a service area of approximately 11,000 square miles in north central and northeastern Wisconsin and adjacent parts of upper Michigan. Cities that the applicant serves with retail electric service or natural gas service include Green Bay, Marinette, Oshkosh, Rhinelander, Sheboygan, Stevens Point, and Wausau in Wisconsin, and Menominee in Michigan.

The applicant also sells electricity at wholesale rates to other utilities and electric cooperatives for resale. The Federal Energy Regulatory Commission regulates wholesale sales and rates. The applicant's wholesale rates, therefore, are not affected by this Final Decision on Reopening. Similarly, the rates applicable to retail sales of electricity to Michigan customers are not subject to the jurisdiction of this Commission and are not affected by this Final Decision on Reopening. The applicant is an operating subsidiary of WEC Energy Group, Inc., a holding company based in Milwaukee, Wisconsin.

The applicant is a co-owner, along with managing partner Wisconsin Power and Light Company (WP&L) and Madison Gas and Electric Company (MGE), of Columbia Energy Center located in Columbia County, Wisconsin. The applicant is co-owner with Wisconsin Electric Power Company of Weston RICE. The applicant also jointly owns Forward Wind Energy Center (FWEC) with WP&L and MGE. The applicant also jointly owns with MGE the Two Creeks Solar Park and Badger Hollow Solar Farm I.

The Application

The applicant filed for approval of a 2024 Fuel Cost Plan pursuant to Wis. Admin. Code § PSC 116.03 and to decrease electric rates as described in the Revenue Requirement section below.

Applicable Standard of Review

The Commission's authority to establish utility rates and terms of service has a robust statutory foundation. Wisconsin Stat. §§ 196.03, 196.20, and 196.37 grant the Commission its general authority to establish utility rates and terms of service. Section 196.03 provides that any public utility rate "shall be reasonable and just and every unjust or unreasonable charge for such

service is prohibited and declared unlawful.” Under § 196.20, “no change in schedules which constitutes an increase in rates to consumers may be made except by order of the commission, after an investigation and opportunity for hearing.” Under § 196.37, if the Commission finds rates to be “unjust, unreasonable, insufficient or unjustly discriminatory or preferential or otherwise unreasonable or unlawful, the [C]ommission shall determine and order reasonable rates . . . to be imposed, observed and followed in the future.” The Commission’s evaluation of the reasonableness of rates necessarily implicates numerous competing considerations, including reliability, conservation, financial health of the utility (capital structure and rate of return), customer affordability, and more.

Rate setting is an area in which the Commission has special expertise. *Brookfield v. Milwaukee Metropolitan Sewerage Dist.*, 141 Wis. 2d 10, 15, 414 N.W.2d 308 (Ct. App. 1987). It has set utility rates for more than 100 years. In ratemaking, the Commission exercises a legislative function. *Wis. Mfr. And Commerce v. Public Serv. Comm 'n (WMC)*, 94 Wis. 2d 314, 319, 287 N.W.2d 844 (1979). “It is well established that the [Commission], in designing a rate structure that will enable a utility to recover the total revenue authorized, has wide discretion in determining the factors upon which it may base its precise rate schedule. . . . Rate-making agencies are not bound to any single regulatory formula; they are permitted to make the pragmatic adjustments, which may be called for by particular circumstances, unless their statutory authority plainly precludes this.” *Id.* at 320, (citing *City of West Allis v Pub. Serv. Comm 'n*, 42 Wis. 2d 569, 167 N.W.2d 401 (1969) (footnotes omitted). Determining whether rates are just and reasonable often requires a high degree of discretion, judgment, and technical analysis. Such decisions involve intertwined legal, factual, and public policy determinations. The Commission, as fact

finder, is charged with sifting through all of the information to reach a well-reasoned decision. In doing so, the Commission uses its experience, technical competence, and specialized knowledge to determine the credibility of each witness and the persuasiveness of highly technical evidence presented on each issue.

Revenue Requirement

The applicant filed an application for a limited electric reopener for the 2024 test year consistent with the Commission's December 22, 2022 Final Decision. The applicant estimated that the base rate impact of the reopener was an increase in revenue requirement of \$8.6 million, or 0.5 percent for the applicant's electric customers. However, that increase was offset by a decrease in fuel costs of \$36.9 million, resulting in an overall reduction in revenue requirement of \$28.3 million or approximately 2.0 percent. The applicant concluded its current electric rates were excessive and proposed a base rate decrease in 2024. Commission staff reviewed the 2024 test year filing information during its financial review.

The applicant claimed the main drivers impacting the electric revenue requirement for the 2024 test year reopener included increased costs due to capital investments associated with the applicant's Generation Reshaping Plan (GRP) that will achieve commercial operations in 2023 and 2024, and decreased 2024 fuel costs.

Income Statement

The parties and Commission staff presented testimony and exhibits at the hearing concerning revenue requirement estimates for the applicant's 2024 electric operations. Significant issues pertaining to the income statement are addressed separately below.

Fuel Costs

Pursuant to Wis. Admin. Code § PSC. 116.03, each of the five major, investor-owned Wisconsin electric utilities must file a proposed fuel cost plan for each calendar year, known as the plan year, as part of a general rate case proceeding, or if the utility does not file a general rate case, as a proceeding limited in scope to fuel cost. This fuel cost plan must include a calculation of certain fuel costs as described in Wis. Admin. Code § PSC 116.02, as well as the other information required by Wis. Admin. Code § PSC 116.03(2). After a hearing, the Commission approves the utility's fuel cost plan and establishes the utility's rates in accordance with the approved fuel cost plan. Wis. Admin. Code § PSC 116.03(3).

The Commission finds that a reasonable estimate of the applicant's 2024 Fuel Cost Plan monitored fuel costs is \$318,005,308, which reflects the costs of generation and purchased energy, minus revenues from opportunity sales of energy and capacity. The 2024 monitored fuel costs divided by the 2024 estimate of native energy requirements of 11,697,749 MWh results in an average net monitored fuel cost per MWh of \$27.19. Appendix C shows the monthly fuel costs to be used for monitoring purposes.

It is reasonable to monitor the applicant's fuel costs using a plus or minus 2.00 percent bandwidth, as provided in Wis. Admin. Code § PSC 116.06(3).

The applicant shall file for its 2025 Fuel Cost Plan in 2024 in accordance with Wis. Admin. Code ch. PSC 116.

Uncontested Fuel Adjustments

Commission staff and the applicant proposed various adjustments to the applicant's filed 2024 fuel costs that were not contested by any party. These adjustments included: (1) a decrease

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in fuel costs of approximately \$5,465,715 to reflect updating of natural gas pricing as of June 15, 2023; (2) a decrease in fuel costs of approximately \$4,232,852 to reflect updating the delivered cost of coal, (3) an increase in fuel costs of approximately \$2,056,509 to reflect the correction of a series of generating plant assumptions for various units; (4) a decrease in fuel costs of approximately \$196,793 to reflect Midcontinent Independent System Operator, Inc. capacity sales pricing updates; (5) a decrease in fuel costs of approximately \$7,748,664 to reflect various Back-End cost changes.

The Commission finds it reasonable to accept all of the above uncontested fuel adjustments.

Powder River Basin (PRB) Coal Blend

Commission staff proposed that the PRB coal blend for 2024 reflect the actual 2022 results. The applicant provided updated information of the 2023 ERGS performance during commissioning of the new Effluent Limit Guidelines (ELG) and found it unlikely to achieve a 2024 PRB blend greater than what was filed. ([PSC REF#: 480216](#) confidential, [PSC REF#: 480217](#) public.) Commission staff reviewed the applicant's information and withdrew this adjustment. In light of the additional information supplied by the applicant, the Commission finds that the appropriate PRB coal blend for ERGS is as filed by the applicant.

West Riverside Option 2

The applicant included the acquisition by WEPCO of West Riverside Option 2 in the 2024 Fuel Cost Plan. Consistent with past Commission practice which does not assume future approvals or denials, Commission staff excluded the impact of the proposed acquisition of West Riverside Option 2 as this purchase had not yet been authorized by the Commission.

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([PSC REF#: 478306](#) confidential, [PSC REF#: 480217](#) public.) The applicant testified that both the applicant and WP&L believed that it is reasonable to assume that this second option will be approved. However, the applicant agreed that removing the Option 2 acquisition would be consistent with how the first West Riverside option was treated for ratemaking.

The Commission finds it reasonable to accept Commission staff's adjustment to remove the purchase of West Riverside Option 2 in the modeling of 2024 fuel costs. This approach is consistent with past Commission practice which does not assume either approval or denial of a proposed project or acquisition. This adjustment had no detectable impact on the applicant's 2024 monitored fuel costs.

Outage Rate for West Riverside

Commission staff proposed using the EFOR from the CPCN for the West Riverside units in modeling of 2024 costs. ([PSC REF#: 478306](#).) The applicant argued that since WP&L will continue to be majority owner and operator of West Riverside in 2024, the EFOR that is adopted in WP&L's 2024 Fuel Cost Plan in docket 6680-UR-124 should control the outage rate used in this proceeding. ([PSC REF#: 481359](#).) The applicant indicated that it supported WP&L's contention that the CPCN's EFOR was inappropriate to use as it does not reflect outages or consider the actual performance of West Riverside. ([PSC REF#: 480216](#) confidential, [PSC REF#: 480217](#) public.) While West Riverside has continued to experience some operational challenges, improvement is expected in 2024 and it is anticipated that West Riverside will continue to move toward more normal operations. As a result, the Commission finds it reasonable to accept Commission staff's proposed adjustment to use the CPCN's EFOR rate. This adjustment reduced the applicant's 2024 monitored fuel costs by approximately \$994,000.

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Chairperson Valcq dissents.

NYMEX and Other Updates

Consistent with past Commission practice, Commission staff proposed a final update to the applicant's 2024 fuel cost forecast to reflect updates to fuel costs including NYMEX commodity futures settlement prices for natural gas and fuel oil as of October 17, 2023 index values, Argus spot coal prices as of October 13, 2023, associated railroad escalations per existing contracts, new fuel-related contracts and dispatch pricing adjustments to limit coal-fired generation given anticipated 2024 coal rail delivery performance, to forecast the applicant's 2024 monitored fuel costs. As part of the information the applicant provides to the Commission to construct the final 2024 forecast, the applicant included a \$450,000 potential rail contract liquidated damages claim by a railroad. Commission staff excluded this adjustment since it had not been discussed previously in the audit. The remaining adjustments were not contested by any party and increased the 2024 monitored fuel costs by approximately \$7.8 million.

[\(PSC REF#: 485154.\)](#) Commission staff filed a delayed exhibit including these updates and adjustments. The Commission finds that it is reasonable to accept these adjustments as part of the final monitored fuel cost update.

Commissioner Huebner dissents and would not include the dispatch adders for the Columbia Energy Center.

Capital Investments

The applicant requested a total company incremental revenue requirement increase for the addition of new electric generation that would achieve commercial operation in 2023 or 2024. The assets in question are the Paris Solar and Paris BESS authorized in docket 5-BS-254,

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the Darien Solar and Darien BESS authorized in docket 5-BS-255, the Weston RICE project authorized in docket 5-CE-153, and the reduced O&M expense associated with future coal plant retirements. Commission staff reviewed and verified the incremental costs and applied the applicant's authorized economic cost of capital of 9.13 percent to determine the revenue requirement impact of each project and found no concerns with the applicant's estimated revenue requirement impacts.

The Commission finds that the applicant followed the spirit and letter of the limited reopener and therefore finds it reasonable to include the incremental impacts of Paris, Darien, Weston RICE, and the reduced O&M expense associated with the future retirements, in the 2024 test year electric revenue requirement.

Distribution Connected Solar Projects

The applicant included in its application smaller DCS projects. While due to their size and cost these facilities do not require a Certificate of Authority (CA) for purchase or construction, these facilities have been included in all of the generation planning modeling performed by the applicant that has been evaluated by the Commission in various GRP dockets. (Direct-WPSC-Stasik-6-p.)

CUB witness Ted Callon stated that the applicant had not provided sufficient evidence to warrant including the DCS projects in rate base and that the Commission should consider having the applicant provide more detailed evidence to show that the benefits of the DCS projects are in line with the benefits of large-scale utility projects. Although CUB's witness initially raised concerns, the applicant provided further evidence of customer benefits of DCS projects in rebuttal testimony, which CUB acknowledged showed positive net benefits plus reliability benefits, largely resolving CUB's concerns.

Because the projects initially did not rise to the level of requiring statutory authorization, the Commission is limited to reviewing the costs in determining whether or not they were prudent and whether their estimated incremental revenue impact was also reasonable and prudent.

The Commission finds it reasonable for the applicant to include the incremental impact of the DCS projects in the 2024 test year electric revenue requirement.

Weston RICE – Materials and Supplies

The applicant’s witness Richard Stasik filed supplemental direct testimony identifying that the applicant inadvertently omitted from their original application the materials and supplies inventory necessary to support the reliable and safe operation of the Weston RICE Units approved in docket 5-CE-153. The applicant identified that the material and supplies inventory amounts are appropriate to include in the limited reopener according to Order Condition 12 of the December Order. Order Condition 12 states, in part, “The applicant is authorized to file a limited reopener for the 2024 test year electric operations to address additional capital investment through the [Generation Reshaping Plan] GRP that will achieve commercial operation in 2023. . .” The applicant stated that the materials and supplies inventory for the Weston RICE Units is a capital investment through the GRP that achieved commercial operation in 2023. (Direct-WPSC-Stasik-s-3.) Due to the late timing of the request, the impact was not included in Commission staff’s estimated 2024 revenue requirement.

Because materials and supplies are part of rate base, and because Commission staff found no concerns with the calculation of the incremental increase related to the inclusion of the Weston RICE materials and supplies inventory, the Commission finds it reasonable for the

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applicant to include the material and supplies inventory associated with Weston RICE in the 2024 test year electric revenue requirement.

Paris Solar and Paris BESS

The Commission granted a CPCN for Paris Solar and Paris BESS in docket 9801-CE-100. The Paris Solar and BESS acquisition was approved by the Final Decision dated May 25, 2022, in docket 5-BS-254. ([PSC REF#: 438529](#).) On September 5, 2023, the applicant filed a *force majeure* notification for Paris Solar and Paris BESS. Although the applicant has not requested recovery of the identified Paris Solar *force majeure* cost increase in this proceeding, the *force majeure* filing identified an extension to the guaranteed in-service date to December 31, 2024, with efforts underway for a potential in-service date of June 2024. Commission staff's rate base estimate reflected an in-service date for Paris Solar of November 2023 and an in-service date for Paris BESS of December 2025.

Commission staff suggested the Commission may wish to consider deferring the incremental revenue requirement impact, including, but not limited to O&M, rate base, depreciation, and tax components, to reflect the difference between the Commission authorized in-service date and the actual in-service date of Paris Solar and Paris BESS, with or without carrying costs.

The applicant stated that it would begin escrowing amounts included in rates related to Paris during 2024 until Paris achieves commercial operation. Specifically, the applicant would escrow the incremental revenue requirement impact of the delayed in-service dates, including but not limited to O&M, rate base, depreciation, and tax components. Commission staff proposed a deferral of the amounts associated with Paris and not an escrow. The applicant noted that if the

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Commission authorizes regulatory accounting, then it is not opposed to Commission staff's proposal of carrying costs at the economic cost of capital for capital investments and at the short-term debt rate for any non-capital components.

Consistent with dockets 3270-UR-125 and 5-UR-110, the Commission finds it reasonable for the applicant to defer the incremental revenue requirement impact of the change to the in-service date for Paris Solar and Paris BESS with carrying costs using the applicant's short-term debt rate, to a future rate proceeding.

Infrastructure Investment Jobs Act (IIJA) of 2021

On November 15, 2021, the IIJA, also known as the Bipartisan Infrastructure Law, was signed into law. At this time, it is unknown if there will be any potential impacts resulting from this Act. Therefore, the Commission finds it reasonable that the applicant defer any impacts of the IIJA when impacts are incurred or received, with carrying costs at the applicant's short-term debt rate, to a future rate proceeding. Deferral accounting treatment ensures both the applicant, and its customers remain whole as deferral captures any cost increases or savings that might arise from the IIJA.

Summary of Incremental Revenue Requirement Impacts

After factoring in the adjustments discussed above, the Commission determined the incremental revenue requirement impact in this limited reopener proceeding is as follows:

	WPSC Electric	
	Electric (\$ in 000's)	Electric WI Jur (\$ in 000's)
Applicant Filed Incremental Revenue Requirement Impact	\$ (28,300)	\$ (25,207)
Incremental Revenue Requirement Adjustments		
Fuel Adjustments	(8,539)	(7,674)
Weston RICE M&S	144	129
Total Incremental Revenue Requirement Adjustments	(8,395)	(7,545)
Total Incremental Revenue Requirement Impact	(36,695)	(32,752)
Sales at Present Rates	1,344,764	1,265,661
Required Percentage Rate decrease	-2.73%	-2.59%

Electric Cost of Service and Rates

Electric Cost of Service

The applicant did not sponsor a COSS as part of this limited reopener. Ordinarily, the results of several COSS are utilized by the applicant, intervening parties, and Commission staff in order to provide a reasonable range for cost allocation and informing rate design in rate case proceedings. In this limited reopener proceeding, Commission staff commented that this does not pose an issue in this proceeding as it is Commission staff's position that revenue allocation and rate design are outside the scope of the limited reopener. The Commission finds that a COSS is not necessary in this proceeding due to the limited scope of the reopener. Further, the Commission finds it reasonable that the applicant, parties, or Commission staff should make a request for the inclusion of COSS when the request is made for a limited reopener.

Electric Revenue Allocation

The applicant, WIEG, CUB, and Commission staff provided testimony regarding electric revenue allocation. The applicant, WIEG, and Commission staff also provided updated revenue

allocations. The applicant and Commission staff maintained the allocation methodology employed in the initial revenue allocation in this proceeding. The applicant's revenue allocation was based on the applicant's originally-filed test year revenue requirement at -1.99 percent. Commission staff's revenue allocation was based on Commission staff's audit-adjusted test year revenue requirement at -3.15 percent. WIEG stated that the allocation should be based off of class energy usage as the decrease was largely driven by reduced fuel costs.

Given that consideration of revenue allocation is outside of the scope of the limited reopener, the Commission finds it reasonable to approve the electric revenue allocation initially proposed by Commission staff in Direct-PSC-Meulemans-5, and shown in Appendix B, as adjusted for the final revenue requirement.

Electric Rate Design

The applicant, WIEG, CUB, and Commission staff provided rate design updates that include rates for all customer classes. The applicant, WIEG, and Commission staff supported achieving the revenue requirement through changes only to energy rates. CUB stated its support for the revenue allocation and rate design offered by the applicant but expressed that the Commission should be explicit in how they reach their decision on revenue allocation and rate design. Given that the consideration of rate design is outside the scope of the limited reopener, the Commission finds it reasonable to accept the comprehensive rate design proposed by Commission staff in Direct-PSC-Meulemans-5, adjusted for final revenue requirement. The authorized rates appear in Appendix B.

Order

1. By January 1, 2024, the applicant shall revise its existing rates and tariff provisions for electric utility service for 2024, substituting the rate modifications and tariff provisions that expand the terms of services and reduce rates, as described in this Final Decision on Reopening. These changes shall be in effect until the Commission issues an order establishing new rates and tariff provisions.

2. The applicant shall prepare bill messages that properly identify the rates authorized in this Final Decision. The applicant shall provide the message to customers no later than the first billing containing the rates authorized in this Final Decision on Reopening, and shall file copies of these bill messages with the Commission before it provides the message to customers.

3. The applicant shall file tariffs consistent with this Final Decision on Reopening.

4. The electric fuel costs in Appendix C shall be used for monitoring the applicant's 2024 monitored fuel costs pursuant to Wis. Admin. Code § PSC 116.06(3).

5. All 2024 fuel costs shall be monitored using a plus or minus 2.00 percent tolerance band.

6. The applicant shall file its 2025 Fuel Cost Plan in 2024 consistent with Wis. Admin. Code § PSC 116.

7. The applicant shall defer the incremental revenue requirement impact of the change to the in-service date for Paris Solar and Paris BESS with carrying costs using the applicant's short-term debt rate, to a future rate proceeding.

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8. The applicant shall defer any impacts of the IIJA when the impacts are incurred or received, with carrying costs at the applicant's short-term debt rate, to a future rate proceeding.

9. The requirements in prior Commission orders that are not expressly addressed in this Final Decision on Reopening remain in effect and are not superseded by this Final Decision.

10. This Final Decision on Reopening takes effect one day after the date of service.

11. Jurisdiction is retained.

Dated at Madison, Wisconsin, the 20th day of December, 2023.

By the Commission:

A handwritten signature in black ink, appearing to read "Cru Stublely", written in a cursive style.

Cru Stublely
Secretary to the Commission

CS:KBS:jlt:arw DL:01969726

Attachments

See attached Notice of Rights

PUBLIC SERVICE COMMISSION OF WISCONSIN
4822 Madison Yards Way
P.O. Box 7854
Madison, Wisconsin 53707-7854

**NOTICE OF RIGHTS FOR REHEARING OR JUDICIAL REVIEW, THE
TIMES ALLOWED FOR EACH, AND THE IDENTIFICATION OF THE
PARTY TO BE NAMED AS RESPONDENT**

The following notice is served on you as part of the Commission's written decision. This general notice is for the purpose of ensuring compliance with Wis. Stat. § 227.48(2), and does not constitute a conclusion or admission that any particular party or person is necessarily aggrieved or that any particular decision or order is final or judicially reviewable.

PETITION FOR REHEARING

If this decision is an order following a contested case proceeding as defined in Wis. Stat. § 227.01(3), a person aggrieved by the decision has a right to petition the Commission for rehearing within 20 days of the date of service of this decision, as provided in Wis. Stat. § 227.49. The date of service is shown on the first page. If there is no date on the first page, the date of service is shown immediately above the signature line. The petition for rehearing must be filed with the Public Service Commission of Wisconsin and served on the parties. An appeal of this decision may also be taken directly to circuit court through the filing of a petition for judicial review. It is not necessary to first petition for rehearing.

PETITION FOR JUDICIAL REVIEW

A person aggrieved by this decision has a right to petition for judicial review as provided in Wis. Stat. § 227.53. In a contested case, the petition must be filed in circuit court and served upon the Public Service Commission of Wisconsin within 30 days of the date of service of this decision if there has been no petition for rehearing. If a timely petition for rehearing has been filed, the petition for judicial review must be filed within 30 days of the date of service of the order finally disposing of the petition for rehearing, or within 30 days after the final disposition of the petition for rehearing by operation of law pursuant to Wis. Stat. § 227.49(5), whichever is sooner. If an *untimely* petition for rehearing is filed, the 30-day period to petition for judicial review commences the date the Commission serves its original decision.⁴ The Public Service Commission of Wisconsin must be named as respondent in the petition for judicial review.

If this decision is an order denying rehearing, a person aggrieved who wishes to appeal must seek judicial review rather than rehearing. A second petition for rehearing is not permitted.

Revised: March 27, 2013

⁴ See *Currier v. Wisconsin Dep't of Revenue*, 2006 WI App 12, 288 Wis. 2d 693, 709 N.W.2d 520.

APPENDIX A

PUBLIC SERVICE COMMISSION OF WISCONSIN

(Not a party but must be served per Wis. Stat. § 227.53)
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Docket 6690-UR-127

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Docket 6690-UR-127

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Docket 6690-UR-127

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Electric Revenue Yield - Test Year 2024

Rate Schedule	Booked Energy MWh	Authorized 2023 Revenues	Revenue Yield in 2024 With Authorized Rates	Percent Change in 2024 Over Current Rates
Rg1	2,889,611	\$478,840,654	\$467,659,552	-2.34%
Rg3-OTOU	82,957	\$11,793,211	\$11,439,324	-3.00%
Rg5-OTOU	21,908	\$3,409,867	\$3,316,334	-2.74%
Rg RR	3,449	\$505,034	\$491,249	-2.73%
Total Residential & Farm	2,997,924	\$494,548,766	\$482,906,459	-2.35%
Cg1	807,993	\$117,613,393	\$114,599,577	-2.56%
Cg1 RR	15	\$2,630	\$2,548	-3.11%
Cg3-OTOU	98,112	\$13,178,619	\$12,712,160	-3.54%
Total Small General Secondary	906,120	\$130,794,641	\$127,314,285	-2.66%
Total Small Customer Class	3,904,045	\$625,343,408	\$610,220,744	-2.42%
Cg5	241,646	\$29,779,185	\$28,694,194	-3.64%
Cg5 RR	0	\$0	\$0	0.00%
Total Medium Customer Class	241,646	\$29,779,185	\$28,694,194	-3.64%
Cg-20	2,736,301	\$282,145,427	\$272,368,761	-3.47%
Cg-20RR	54,930	\$5,793,931	\$5,580,080	-3.69%
Cp-Secondary	710,647	\$65,840,246	\$64,268,363	-2.39%
Cp-Primary	1,067,791	\$88,735,020	\$86,478,814	-2.54%
Cp-Transmission	962,359	\$67,703,593	\$65,736,314	-2.91%
Cp-Secondary RR	68,866	\$6,056,344	\$5,906,452	-2.47%
Cp-Primary RR	108,475	\$8,699,137	\$8,448,434	-2.88%
Cp-Transmission RR	162,115	\$12,091,367	\$11,746,442	-2.85%
NLMP	272,776	\$16,955,541	\$16,955,541	0.00%
RTMP	637,344	\$43,269,754	\$43,269,754	0.00%
Total Large Customer Class	6,781,603	\$597,290,359	\$580,758,954	-2.77%
Ls-1	40,306	\$12,992,372	\$12,984,978	-0.06%
Total Street Lighting & Other	40,306	\$12,992,372	\$12,984,978	-0.06%
COEV-R	0	\$24,777	\$24,777	0.00%
WHEV-R	0	\$723	\$723	0.00%
EV-C	0	\$25,728	\$25,728	0.00%
Total EV Customer Class	0	\$51,228	\$51,228	0.00%
Naturewise-Residential		\$67,410	\$67,410	0.00%
Naturewise-C&I		\$28,824	\$28,824	0.00%
Automatic transfer switch		\$85,056	\$85,056	0.00%
Parallel generation		\$24,020	\$24,020	0.00%
Total Misc Customer Class	0	\$205,311	\$205,311	0.00%
Total Wisconsin Retail	10,967,600	\$1,265,661,863	\$1,232,915,409	-2.59%

Electric Rate Design - Test Year 2024
Wisconsin Public Service Corporation

Rate Schedule	Authorized Rate - Year 2023			Authorized Rate - Year 2024			2024
	Billing Component	Rate	Yield	Billing Component	Rate	Yield	
Residential Flat Rate - Rg1							
Customer charge							
Single PH per day	145,772,731	\$0.58915	\$85,882,004	145,772,731	\$0.58915	\$85,882,004	0.00%
Energy charge	2,889,173,768	\$0.13600	\$392,927,632	2,889,173,768	\$0.13213	\$381,746,530	-2.85%
Fuel cost adjustment	2,889,173,768	\$0.00000	\$0	2,889,173,768	\$0.00000	\$0	0.00%
Other							
Tax credit	2,889,173,768	\$0.00000	\$0	2,889,173,768	\$0.00000	\$0	0.00%
Revenue sharing	2,889,173,768	\$0.00000	\$0	2,889,173,768	\$0.00000	\$0	0.00%
Act 141 capped credits	297,485	-\$0.00227	-\$675	297,485	-\$0.00227	-\$675	0.00%
Act 141 capped contribution	297,485	\$0.00062	\$185	297,485	\$0.00062	\$185	0.00%
Total Revenue: Residential Flat Rate - Rg1			\$478,809,147			\$467,628,045	
Residential Small Optional 2TOU - Rg3							
Customer charge							
Single PH per day	2,515,007	\$0.58915	\$1,481,716	2,515,007	\$0.58915	\$1,481,716	0.00%
Energy charge							
On-peak	22,336,830	\$0.24979	\$5,579,517	22,336,830	\$0.24122	\$5,388,090	-3.43%
Off-peak	60,619,755	\$0.07806	\$4,731,978	60,619,755	\$0.07538	\$4,569,517	-3.43%
					0.96560		
Fuel cost adjustment							
Adjustment	82,956,585	\$0.00000	\$0	82,956,585	\$0.00000	\$0	0.00%
Other							
Tax credit	82,956,585	\$0.00000	\$0	82,956,585	\$0.00000	\$0	0.00%
Revenue sharing	82,956,585	\$0.00000	\$0	82,956,585	\$0.00000	\$0	0.00%
Act 141 capped credits	0	-\$0.00227	\$0	0	-\$0.00227	\$0	0.00%
Act 141 capped contribution	0	\$0.00000	\$0	0	\$0.00000	\$0	0.00%
Total Revenue: Residential Small Optional 2TOU - Rg3			\$11,793,211			\$11,439,324	
Residential Small Optional 3TOU - Rg5							
Customer charge							
Single PH per day	917,225	\$0.58915	\$540,383	917,225	\$0.58915	\$540,383	0.00%
Energy charge							
On-peak	3,407,971	\$0.31224	\$1,064,105	3,407,971	\$0.30152	\$1,027,572	-3.43%
Shoulder	6,235,783	\$0.13600	\$848,066	6,235,783	\$0.13213	\$823,934	-2.85%
Off-peak	12,263,804	\$0.07806	\$957,313	12,263,804	\$0.07538	\$924,446	-3.43%
Fuel cost adjustment							
Adjustment	21,907,558	\$0.00000	\$0	21,907,558	\$0.00000	\$0	0.00%
Other							
Tax credit	21,907,558	\$0.00000	\$0	21,907,558	\$0.00000	\$0	0.00%
Revenue sharing	21,907,558	\$0.00000	\$0	21,907,558	\$0.00000	\$0	0.00%
Act 141 capped credits	0	-\$0.00227	\$0	0	-\$0.00227	\$0	0.00%
Act 141 capped contribution	0	\$0.00000	\$0	0	\$0.00000	\$0	0.00%
Total Revenue: Residential Small Optional 3TOU - Rg5			\$3,409,867			\$3,316,334	

Electric Rate Design - Test Year 2024
Wisconsin Public Service Corporation

Rate Schedule	Authorized Rate - Year 2023			Authorized Rate - Year 2024			2024
	Billing Component	Rate	Yield	Billing Component	Rate	Yield	
Residential Response Rewards - RgRR							
Customer charge							
Single PH per day	128,942	\$0.58915	\$75,966	128,942	\$0.58915	\$75,966	0.00%
Energy charge							
On-peak	788,338	\$0.27399	\$215,997	788,338	\$0.26458	\$208,578	-3.43%
Off-peak	2,639,448	\$0.07025	\$185,432	2,639,448	\$0.06784	\$179,065	-3.43%
Critical peak	21,229	\$1.30198	\$27,639	21,229	\$1.30198	\$27,639	0.00%
Fuel cost adjustment							
Adjustment	3,449,014	\$0.00000	\$0	3,449,014	\$0.00000	\$0	0.00%
Other							
Tax credit	3,449,014	\$0.00000	\$0	3,449,014	\$0.00000	\$0	0.00%
Revenue sharing	3,449,014	\$0.00000	\$0	3,449,014	\$0.00000	\$0	0.00%
Act 141 capped credits	0	-\$0.00227	\$0	0	-\$0.00227	\$0	0.00%
Act 141 capped contribution	0	\$0.00000	\$0	0	\$0.00000	\$0	0.00%
Total Revenue: Residential Response Rewards - RgRR			\$505,034			\$491,249	
Residential Charger Only EV - COEV-R							
Fixed service and administration charge							
Bundled service per month	1,093	\$20.00000	\$21,862	1,093	\$20.00000	\$21,862	0.00%
Pre-paid service per month	364	\$8.00000	\$2,915	364	\$8.00000	\$2,915	0.00%
Energy charge							
On-peak (summer)	8,745	\$0.25145	\$2,199	8,745	\$0.25145	\$2,199	0.00%
On-peak (non-summer)	8,745	\$0.13786	\$1,206	8,745	\$0.13786	\$1,206	0.00%
Intermediate-peak (summer)	13,117	\$0.13786	\$1,808	13,117	\$0.13786	\$1,808	0.00%
Intermediate-peak (non-summer)	13,117	\$0.13786	\$1,808	13,117	\$0.13786	\$1,808	0.00%
Off-peak (summer)	196,755	\$0.06223	\$12,243	196,755	\$0.06223	\$12,243	0.00%
Off-peak (non-summer)	196,755	\$0.06223	\$12,243	196,755	\$0.06223	\$12,243	0.00%
Fuel cost adjustment	437,233	\$0.00000	\$0	437,233	\$0.00000	\$0	0.00%
Other							
Tax credit	437,233	\$0.00000	\$0	437,233	\$0.00000	\$0	0.00%
Total Revenue: Residential Charger Only EV - COEV-R			\$56,284			\$56,284	
Residential Whole Home EV - WHEV-R							
Fixed service and administration charge							
Bundled service per month	32	\$20.00000	\$638	32	\$20.00000	\$638	0.00%
Pre-paid service per month	11	\$8.00000	\$85	11	\$8.00000	\$85	0.00%
Total Revenue: Residential Whole Home EV - WHEV-R			\$723			\$723	

Electric Rate Design - Test Year 2024
Wisconsin Public Service Corporation

Rate Schedule	Authorized Rate - Year 2023			Authorized Rate - Year 2024			2024
	Billing	Rate	Yield	Billing	Rate	Yield	
	Component			Component			
Commercial Electric Vehicle EV-C							
Fixed service and administration charge							
Bundled-single port, per month per port A	96	\$24.00000	\$2,304	96	\$24.00000	\$2,304	0.00%
Bundled-single port, per month per port B	96	\$24.00000	\$2,304	96	\$24.00000	\$2,304	0.00%
Bundled-single port, per month per port C	96	\$25.00000	\$2,400	96	\$25.00000	\$2,400	0.00%
Bundled-dual port, per month per port A	240	\$26.00000	\$6,240	240	\$26.00000	\$6,240	0.00%
Bundled-dual port, per month per port B	240	\$26.00000	\$6,240	240	\$26.00000	\$6,240	0.00%
Bundled-dual port, per month per port C	240	\$26.00000	\$6,240	240	\$26.00000	\$6,240	0.00%
Pre-paid-single port, per month per port A	0	\$4.00000	\$0	0	\$4.00000	\$0	0.00%
Pre-paid-single port, per month per port B	0	\$4.00000	\$0	0	\$4.00000	\$0	0.00%
Pre-paid-single port, per month per port C	0	\$4.00000	\$0	0	\$4.00000	\$0	0.00%
Pre-paid-dual port, per month per port A	0	\$2.00000	\$0	0	\$2.00000	\$0	0.00%
Pre-paid-dual port, per month per port B	0	\$2.00000	\$0	0	\$2.00000	\$0	0.00%
Pre-paid-dual port, per month per port C	0	\$2.00000	\$0	0	\$2.00000	\$0	0.00%
Total Revenue: Commercial Electric Vehicle EV-C			\$25,728			\$25,728	
General Secondary Flat Rate - Cg1 (<50 kW)							
Customer charge							
Single PH per day	12,449,872	\$0.90840	\$11,309,463	12,449,872	\$0.90840	\$11,309,463	0.00%
Three PH per day	4,679,636	\$1.45350	\$6,801,851	4,679,636	\$1.45350	\$6,801,851	0.00%
Energy charge	807,993,354	\$0.12318	\$99,528,621	807,993,354	\$0.11945	\$96,514,806	-3.03%
Fuel cost adjustment	807,993,354	\$0.00000	\$0	807,993,354	\$0.00000	\$0	0.00%
Other							
Tax credit	807,993,354	\$0.00000	\$0	807,993,354	\$0.00000	\$0	0.00%
Revenue sharing	807,993,354	\$0.00000	\$0	807,993,354	\$0.00000	\$0	0.00%
Act 141 capped credits	16,076,484	-\$0.00236	-\$37,941	16,076,484	-\$0.00236	-\$37,941	0.00%
Act 141 capped contribution	16,076,484	\$0.00071	\$11,397	16,076,484	\$0.00071	\$11,397	0.00%
Total Revenue: General Secondary Flat Rate - Cg1 (<50 kW)			\$117,613,393			\$114,599,577	
General Secondary Flat Rate Response Rewards - Cg1RR							
Customer charge							
Single PH per day	0	\$0.90840	\$0	0	\$0.90840	\$0	0.00%
Three PH per day	365	\$1.45350	\$531	365	\$1.45350	\$531	0.00%
Energy charge							
On-peak	5,736	\$0.23536	\$1,350	5,736	\$0.22566	\$1,294	-4.12%
Off-peak	9,319	\$0.06822	\$636	9,319	\$0.06541	\$610	-4.12%
Critical peak	96	\$1.17680	\$113	96	\$1.17680	\$113	0.00%
Fuel cost adjustment							
Adjustment	15,151	\$0.00000	\$0	15,151	\$0.00000	\$0	0.00%
Other							
Tax credit	15,151	\$0.00000	\$0	15,151	\$0.00000	\$0	0.00%
Revenue sharing	15,151	\$0.00000	\$0	15,151	\$0.00000	\$0	0.00%
Act 141 capped credits	0	-\$0.00236	\$0	0	-\$0.00236	\$0	0.00%
Act 141 capped contribution	0	\$0.00000	\$0	0	\$0.00000	\$0	0.00%
Total Revenue: General Secondary Flat Rate Response Rewards - Cg1RR			\$2,630			\$2,548	

Electric Rate Design - Test Year 2024
Wisconsin Public Service Corporation

Rate Schedule	Authorized Rate - Year 2023			Authorized Rate - Year 2024			2024
	Billing Component	Rate	Yield	Billing Component	Rate	Yield	
General Secondary Small Optional TOU - Cg3TOU							
Customer charge							
Single PH per day	1,770,028	\$0.90840	\$1,607,894	1,770,028	\$0.90840	\$1,607,894	0.00%
Three PH per day	167,461	\$1.45350	\$243,405	167,461	\$1.45350	\$243,405	0.00%
Energy charge							
On-peak	27,174,498	\$0.23877	\$6,488,455	27,174,498	\$0.22894	\$6,221,330	-4.12%
Off-peak	70,937,396	\$0.06822	\$4,839,349	70,937,396	\$0.06541	\$4,640,015	-4.12%
					0.95875		
Fuel cost adjustment							
Adjustment	98,111,894	\$0.00000	\$0	98,111,894	\$0.00000	\$0	0.00%
Other							
Tax credit	98,111,894	\$0.00000	\$0	98,111,894	\$0.00000	\$0	0.00%
Revenue sharing	98,111,894	\$0.00000	\$0	98,111,894	\$0.00000	\$0	0.00%
Act 141 capped credits	334,129	-\$0.00236	-\$789	334,129	-\$0.00236	-\$789	0.00%
Act 141 capped contribution	334,129	\$0.00091	\$305	334,129	\$0.00091	\$305	0.00%
Total Revenue: General Secondary Small Optional TOU - Cg3TOU			\$13,178,619			\$12,712,160	
General Secondary Flat Rate - Cg5 (50 < kW > 100)							
Customer charge							
Single PH per day	116,673	\$2.07120	\$241,652	116,673	\$2.07120	\$241,652	0.00%
Three PH per day	405,829	\$3.31400	\$1,344,916	405,829	\$3.31400	\$1,344,916	0.00%
Energy charge	241,646,165	\$0.11674	\$28,209,773	241,646,165	\$0.11225	\$27,124,782	-3.85%
Fuel cost adjustment	241,646,165	\$0.00000	\$0	241,646,165	\$0.00000	\$0	0.00%
Other							
Tax credit	241,646,165	\$0.00000	\$0	241,646,165	\$0.00000	\$0	0.00%
Revenue sharing	241,646,165	\$0.00000	\$0	241,646,165	\$0.00000	\$0	0.00%
Act 141 capped credits	8,954,287	-\$0.00236	-\$21,132	8,954,287	-\$0.00236	-\$21,132	0.00%
Act 141 capped contribution	8,954,287	\$0.00044	\$3,975	8,954,287	\$0.00044	\$3,975	0.00%
Total Revenue: General Secondary Flat Rate - Cg5 (50 < kW > 100)			\$29,779,185			\$28,694,194	
General Secondary Flat Rate Response Rewards - Cg5RR							
Customer charge							
Single PH per day	0	\$2.07120	\$0	0	\$2.07120	\$0	0.00%
Three PH per day	0	\$3.31400	\$0	0	\$3.31400	\$0	0.00%
Energy charge							
On-peak	0	\$0.18761	\$0	0	\$0.17988	\$0	-4.12%
Off-peak	0	\$0.06822	\$0	0	\$0.06541	\$0	-4.12%
Critical peak	0	\$1.17256	\$0	0	\$1.17256	\$0	0.00%
Fuel cost adjustment							
Adjustment	0	\$0.00000	\$0	0	\$0.00000	\$0	0.00%
Other							
Tax credit	0	\$0.00000	\$0	0	\$0.00000	\$0	0.00%
Revenue sharing	0	\$0.00000	\$0	0	\$0.00000	\$0	0.00%
Act 141 capped credits	0	-\$0.00236	\$0	0	-\$0.00236	\$0	0.00%
Act 141 capped contribution	0	\$0.00000	\$0	0	\$0.00000	\$0	0.00%
Total Revenue: General Secondary Flat Rate Response Rewards - Cg5RR			\$0			\$0	

Electric Rate Design - Test Year 2024
Wisconsin Public Service Corporation

Rate Schedule	Authorized Rate - Year 2023			Authorized Rate - Year 2024			2024
	Billing Component	Rate	Yield	Billing Component	Rate	Yield	
Commercial and Industrial Demand - Cg20 (100-1000 kW)							
Customer charge							
Secondary	1,463,006	\$3.05750	\$4,473,140	1,463,006	\$3.05750	\$4,473,140	0.00%
Primary	11,113	\$5.58900	\$62,112	11,113	\$5.58900	\$62,112	0.00%
Energy charge					0.93685		
On-peak	952,218,782	\$0.07767	\$73,958,833	952,218,782	\$0.07278	\$69,302,483	-6.30%
Off-peak	1,784,082,188	\$0.04569	\$81,514,715	1,784,082,188	\$0.04282	\$76,394,399	-6.28%
Demand charge							
On-peak (summer)	2,589,291	\$18.44900	\$47,769,830	2,589,291	\$18.44900	\$47,769,830	0.00%
On-peak (non-summer)	4,554,380	\$11.99200	\$54,616,125	4,554,380	\$11.99200	\$54,616,125	0.00%
Standby	5,872	\$2.25100	\$13,218	5,872	\$2.25100	\$13,218	0.00%
Customer maximum	9,228,786	\$2.39900	\$22,139,858	9,228,786	\$2.39900	\$22,139,858	0.00%
Fuel cost adjustment							
Adjustment	2,736,300,970	\$0.00000	\$0	2,736,300,970	\$0.00000	\$0	0.00%
Other							
Energy limiter		\$0.19524	-\$1,699,945		\$0.18847	-\$1,699,945	-3.47%
Primary discount			-\$98,726			-\$98,726	
Tax credit	2,736,300,970	\$0.00000	\$0	2,736,300,970	\$0.00000	\$0	0.00%
Revenue sharing	2,736,300,970	\$0.00000	\$0	2,736,300,970	\$0.00000	\$0	0.00%
Act 141 capped credits	299,508,191	-\$0.00236	-\$706,839	299,508,191	-\$0.00236	-\$706,839	0.00%
Act 141 capped contribution	299,508,191	\$0.00034	\$103,107	299,508,191	\$0.00034	\$103,107	0.00%
Total Revenue: Commercial and Industrial Demand - Cg20 (100-1000 kW)			\$282,145,427			\$272,368,761	
Commercial and Industrial Demand - Cg20RR (100-1000 kW)							
Customer charge							
Secondary	13,892	\$3.05750	\$42,474	13,892	\$3.05750	\$42,474	0.00%
Primary	1,126	\$5.58900	\$6,295	1,126	\$5.58900	\$6,295	0.00%
Energy charge							
On-peak	18,590,751	\$0.05695	\$1,058,743	18,590,751	\$0.05337	\$992,188	-6.29%
Off-peak	34,416,547	\$0.04112	\$1,415,208	34,416,547	\$0.03854	\$1,326,414	-6.27%
Critical peak	1,922,493	\$0.48408	\$930,640	1,922,493	\$0.45365	\$872,139	-6.29%
Demand charge							
On-peak (summer)	62,172	\$13.83700	\$860,269	62,172	\$13.83700	\$860,269	0.00%
On-peak (non-summer)	107,790	\$8.99400	\$969,463	107,790	\$8.99400	\$969,463	0.00%
Standby	0	\$2.25100	\$0	0	\$2.25100	\$0	0.00%
Customer maximum	220,817	\$2.39900	\$529,740	220,817	\$2.39900	\$529,740	0.00%
Fuel cost adjustment							
Adjustment	54,929,791	\$0.00000	\$0	54,929,791	\$0.00000	\$0	0.00%
Other							
Primary discount			-\$10,664			-\$10,664	
Tax credit	54,929,791	\$0.00000	\$0	54,929,791	\$0.00000	\$0	0.00%
Revenue sharing	54,929,791	\$0.00000	\$0	54,929,791	\$0.00000	\$0	0.00%
Act 141 capped credits	4,032,509	-\$0.00236	-\$9,517	4,032,509	-\$0.00236	-\$9,517	0.00%
Act 141 capped contribution	4,032,509	\$0.00032	\$1,279	4,032,509	\$0.00032	\$1,279	0.00%
Total Revenue: Commercial and Industrial Demand - Cg20RR (100-1000 kW)			\$5,793,931			\$5,580,080	

Electric Rate Design - Test Year 2024
Wisconsin Public Service Corporation

Rate Schedule	Authorized Rate - Year 2023			Authorized Rate - Year 2024			2024
	Billing	Rate	Yield	Billing	Rate	Yield	
	Component			Component			
Cp Large C&I (> 1,000 kW)							
Customer charge							
Customer charge per day-secondary voltage	37,353	\$21.86300	\$816,649	37,353	\$21.86300	\$816,649	0.00%
Customer charge per day-primary voltage	18,461	\$25.51230	\$470,983	18,461	\$25.51230	\$470,983	0.00%
Customer charge per day-transmission voltag	3,104	\$58.29040	\$180,933	3,104	\$58.29040	\$180,933	0.00%
Energy charge-secondary voltage							
On-peak	362,743,982	\$0.07149	\$25,932,567	362,743,982	\$0.06872	\$24,927,766	-3.87%
Off-peak	347,903,241	\$0.04205	\$14,629,331	347,903,241	\$0.04042	\$14,062,249	-3.88%
Energy charge-primary voltage							
On-peak	517,359,480	\$0.06939	\$35,899,574	517,359,480	\$0.06671	\$34,513,051	-3.86%
Off-peak	550,431,783	\$0.04082	\$22,468,625	550,431,783	\$0.03924	\$21,598,943	-3.87%
Energy charge-transmission voltage					0.96125		
On-peak	427,522,515	\$0.06852	\$29,293,843	427,522,515	\$0.06587	\$28,160,908	-3.87%
Off-peak	534,836,319	\$0.04031	\$21,559,252	534,836,319	\$0.03875	\$20,724,907	-3.87%
Demand charge-secondary voltage							
Peak (summer)	407,540	\$20.23500	\$8,246,576	407,540	\$20.23500	\$8,246,576	0.00%
Peak (non-summer)	735,173	\$11.24200	\$8,264,811	735,173	\$11.24200	\$8,264,811	0.00%
Intermediate (summer)	15,074	\$15.17600	\$228,766	15,074	\$15.17600	\$228,766	0.00%
Intermediate (non-summer)	25,691	\$8.43200	\$216,629	25,691	\$8.43200	\$216,629	0.00%
Variable interruptible (summer)	138,428	\$12.19600	\$1,688,270	138,428	\$12.19600	\$1,688,270	0.00%
Variable interruptible (non-summer)	275,287	\$7.22200	\$1,988,125	275,287	\$7.22200	\$1,988,125	0.00%
Customer maximum	1,921,599	\$2.20900	\$4,244,812	1,921,599	\$2.20900	\$4,244,812	0.00%
Demand charge-primary voltage							
Peak (summer)	639,480	\$19.78500	\$12,652,108	639,480	\$19.78500	\$12,652,108	0.00%
Peak (non-summer)	1,251,822	\$10.99200	\$13,760,024	1,251,822	\$10.99200	\$13,760,024	0.00%
Intermediate (summer)	5,246	\$14.83900	\$77,850	5,246	\$14.83900	\$77,850	0.00%
Intermediate (non-summer)	651	\$8.24400	\$5,368	651	\$8.24400	\$5,368	0.00%
Variable interruptible (summer)	157,642	\$11.74600	\$1,851,663	157,642	\$11.74600	\$1,851,663	0.00%
Variable interruptible (non-summer)	302,146	\$6.97200	\$2,106,559	302,146	\$6.97200	\$2,106,559	0.00%
Customer maximum	3,001,035	\$1.92600	\$5,779,993	3,001,035	\$1.92600	\$5,779,993	0.00%
Demand charge-transmission voltage							
Peak (summer)	97,615	\$19.76200	\$1,929,065	97,615	\$19.76200	\$1,929,065	0.00%
Peak (non-summer)	220,858	\$10.97900	\$2,424,800	220,858	\$10.97900	\$2,424,800	0.00%
Intermediate (summer)	140,879	\$14.82200	\$2,088,102	140,879	\$14.82200	\$2,088,102	0.00%
Intermediate (non-summer)	279,339	\$8.23400	\$2,300,080	279,339	\$8.23400	\$2,300,080	0.00%
Variable interruptible (summer)	297,319	\$11.72300	\$3,485,475	297,319	\$11.72300	\$3,485,475	0.00%
Variable interruptible (non-summer)	589,996	\$6.95900	\$4,105,783	589,996	\$6.95900	\$4,105,783	0.00%
Customer maximum	0	\$0.00000	\$0	0	\$0.00000	\$0	0.00%
Fuel cost adjustment							
Adjustment	2,740,797,320	\$0.00000	\$0	2,740,797,320	\$0.00000	\$0	0.00%
Other							
Standby	0	\$3.50000	\$0	0	\$3.50000	\$0	0.00%
Substation transformer capacity	1,800,000	\$0.50000	\$900,000	1,800,000	\$0.50000	\$900,000	0.00%
Power factor discount			-\$217,836			-\$217,836	
Tax credit	2,740,797,320	\$0.00000	\$0	2,740,797,320	\$0.00000	\$0	0.00%
Load factor credit	321,106,216	-\$0.00500	-\$1,605,531	321,106,216	-\$0.00500	-\$1,605,531	0.00%
Act 141 capped credits	2,663,123,376	-\$0.00236	-\$6,284,971	2,663,123,376	-\$0.00236	-\$6,284,971	0.00%
Act 141 capped contribution	2,663,123,376	\$0.00030	\$790,581	2,663,123,376	\$0.00030	\$790,581	0.00%
Total Revenue: Cp Large C&I (> 1,000 kW)			\$222,278,859			\$216,483,491	

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Wisconsin Public Service Corporation

Rate Schedule	Authorized Rate - Year 2023			Authorized Rate - Year 2024			2024
	Billing	Rate	Yield	Billing	Rate	Yield	
	Component			Component			
Cp Large C&I Response Rewards (> 1,000 kW)							
Customer charge							
Customer charge per day-secondary voltage	3,497	\$21.86300	\$76,455	3,497	\$21.86300	\$76,455	0.00%
Customer charge per day-primary voltage	2,555	\$25.51230	\$65,184	2,555	\$25.51230	\$65,184	0.00%
Customer charge per day-transmission voltag	730	\$58.29040	\$42,552	730	\$58.29040	\$42,552	0.00%
Energy charge-secondary voltage							
On-peak	34,728,522	\$0.05305	\$1,842,348	34,728,522	\$0.05097	\$1,770,113	-3.92%
Off-peak	32,451,087	\$0.03745	\$1,215,293	32,451,087	\$0.03597	\$1,167,266	-3.95%
Critical peak	1,686,297	\$0.45085	\$760,267	1,686,297	\$0.43328	\$730,639	-3.90%
Energy charge-primary voltage							
On-peak	48,677,139	\$0.05149	\$2,506,386	48,677,139	\$0.04948	\$2,408,545	-3.90%
Off-peak	55,450,128	\$0.03634	\$2,015,058	55,450,128	\$0.03492	\$1,936,318	-3.91%
Critical peak	4,347,394	\$0.43763	\$1,902,550	4,347,394	\$0.42058	\$1,828,427	-3.90%
Energy charge-transmission voltage							
On-peak	66,542,323	\$0.05084	\$3,383,012	66,542,323	\$0.04886	\$3,251,258	-3.89%
Off-peak	90,428,711	\$0.03589	\$3,245,486	90,428,711	\$0.03449	\$3,118,886	-3.90%
Critical peak	5,143,868	\$0.43214	\$2,222,871	5,143,868	\$0.41531	\$2,136,300	-3.89%
Demand charge-secondary voltage							
Peak (summer)	57,002	\$15.17600	\$865,062	57,002	\$15.17600	\$865,062	0.00%
Peak (non-summer)	96,473	\$8.43200	\$813,460	96,473	\$8.43200	\$813,460	0.00%
Intermediate (summer)	1,359	\$11.38200	\$15,466	1,359	\$11.38200	\$15,466	0.00%
Intermediate (non-summer)	2,964	\$6.32400	\$18,743	2,964	\$6.32400	\$18,743	0.00%
Customer maximum	203,372	\$2.20900	\$449,249	203,372	\$2.20900	\$449,249	0.00%
Demand charge-primary voltage							
Peak (summer)	69,078	\$14.83900	\$1,025,048	69,078	\$14.83900	\$1,025,048	0.00%
Peak (non-summer)	119,100	\$8.24400	\$981,860	119,100	\$8.24400	\$981,860	0.00%
Intermediate (summer)	0	\$11.12900	\$0	0	\$11.12900	\$0	0.00%
Intermediate (non-summer)	0	\$6.18300	\$0	0	\$6.18300	\$0	0.00%
Customer maximum	262,412	\$1.92600	\$505,406	262,412	\$1.92600	\$505,406	0.00%
Demand charge-transmission voltage							
Peak (summer)	97,343	\$14.82200	\$1,442,816	97,343	\$14.82200	\$1,442,816	0.00%
Peak (non-summer)	177,997	\$8.23400	\$1,465,629	177,997	\$8.23400	\$1,465,629	0.00%
Intermediate (summer)	0	\$11.11700	\$0	0	\$11.11700	\$0	0.00%
Intermediate (non-summer)	0	\$6.17600	\$0	0	\$6.17600	\$0	0.00%
Customer maximum	0	\$0.00000	\$0	0	\$0.00000	\$0	0.00%
Fuel cost adjustment							
Adjustment	339,455,470	\$0.00000	\$0	339,455,470	\$0.00000	\$0	0.00%
Other							
Standby	0	\$3.50000	\$0	0	\$3.50000	\$0	0.00%
Substation transformer capacity	578,001	\$0.50000	\$289,001	578,001	\$0.50000	\$289,001	0.00%
Power factor discount			-\$5,031			-\$5,031	
Tax credit	339,455,470	\$0.00000	\$0	339,455,470	\$0.00000	\$0	0.00%
Revenue sharing	339,455,470	\$0.00000	\$0	339,455,470	\$0.00000	\$0	0.00%
Act 141 capped credits	147,537,265	-\$0.00236	-\$348,188	147,537,265	-\$0.00236	-\$348,188	0.00%
Act 141 capped contribution	147,537,265	\$0.00034	\$50,864	147,537,265	\$0.00034	\$50,864	0.00%
Total Revenue: Cp Large C&I Response Rewards (> 1,000 kW)			\$26,846,847			\$26,101,327	

Electric Rate Design - Test Year 2024
Wisconsin Public Service Corporation

Rate Schedule	Authorized Rate - Year 2023			Authorized Rate - Year 2024			2024
	Billing Component	Rate	Yield	Billing Component	Rate	Yield	
General Primary Service - New Load Market Pricing (NLMP)							
Customer charge							
Scheduling per day	1,095	\$6.00000	\$6,570	1,095	\$6.00000	\$6,570	0.00%
Energy charge							
Hourly LMP	272,775,580	\$0.05242	\$14,299,808	272,775,580	\$0.05242	\$14,299,808	0.00%
Embedded cost adder	272,775,580	\$0.00050	\$136,388	272,775,580	\$0.00050	\$136,388	0.00%
Demand charge							
Peak (summer)	304,004	\$0.01559	\$4,739	304,004	\$0.01559	\$4,739	0.00%
Transmission demand	304,004	\$8.25000	\$2,508,036	304,004	\$8.25000	\$2,508,036	0.00%
Total Revenue: General Primary Service - New Load Market Pricing (NLMP)			\$16,955,541			\$16,955,541	
General Primary Service - Real-Time Market Pricing (RTMP)							
Customer charge							
Scheduling per month	96	\$1,000.000	\$96,000	96	\$1,000.000	\$96,000	0.00%
Energy charge							
Hourly LMP	637,344,147	\$0.05367	\$34,207,484	637,344,147	\$0.05367	\$34,207,484	0.00%
Embedded cost adder	637,344,147	\$0.00550	\$3,505,393	637,344,147	\$0.00550	\$3,505,393	0.00%
Demand charge							
Transmission demand	1,089,995	\$5.01000	\$5,460,877	1,089,995	\$5.01000	\$5,460,877	0.00%
Total Revenue: General Primary Service - Real-Time Market Pricing (RTMP)			\$43,269,754			\$43,269,754	

Electric Rate Design - Test Year 2024
Wisconsin Public Service Corporation

Rate Schedule	Authorized Rate - Year 2023			Authorized Rate - Year 2024			2024
	Billing		Yield	Billing		Yield	
	Component	Rate		Component	Rate		
Is-1 Lighting Service							
Company Owned							
Sodium Vapor							
5,670 Lumens (70W)	2,556	\$18.12000	\$46,315	2,556	\$18.11000	\$46,289	-0.06%
9,000 Lumens (100W) (Closed)	189,660	\$17.88000	\$3,391,121	189,660	\$17.87000	\$3,389,224	-0.06%
14,000 Lumens (150W) (Closed)	141,123	\$20.03000	\$2,826,694	141,123	\$20.02000	\$2,825,282	-0.05%
27,000 Lumens (250W) (Closed)	82,759	\$24.28000	\$2,009,389	82,759	\$24.26000	\$2,007,733	-0.08%
45,000 Lumens (400W)	6,180	\$32.54000	\$201,097	6,180	\$32.52000	\$200,974	-0.06%
9,000 Lumens (100W) - Area	57,123	\$15.75000	\$899,687	57,123	\$15.74000	\$899,116	-0.06%
14,000 Lumens (150W) - Area	10,031	\$18.60000	\$186,577	10,031	\$18.59000	\$186,476	-0.05%
27,000 Lumens (250W) - Directional	5,091	\$29.67000	\$151,050	5,091	\$29.65000	\$150,948	-0.07%
45,000 Lumens (400W) - Directional (Close	25,899	\$36.29000	\$939,875	25,899	\$36.27000	\$939,357	-0.06%
Metal Halide							
8,500 Lumens (150W)	456	\$28.62000	\$13,051	456	\$28.60000	\$13,042	-0.07%
26,000 Lumens (350W)	180	\$31.48000	\$5,666	180	\$31.46000	\$5,663	-0.06%
36,000 Lumens (400W) - (Closed)	36	\$33.38000	\$1,202	36	\$33.36000	\$1,201	-0.06%
26,000 Lumens (350W) - Directional	1,356	\$35.29000	\$47,853	1,356	\$35.27000	\$47,826	-0.06%
36,000 Lumens (400W) - Directional (Close	4,584	\$37.39000	\$171,396	4,584	\$37.37000	\$171,304	-0.05%
110,000 Lumens (1000W) - Directional	1,836	\$54.14000	\$99,401	1,836	\$54.10000	\$99,328	-0.07%
LED							
Class B Low Output Security		\$13.35000	\$0	0	\$13.34000	\$0	-0.07%
Class C Low Output Roadway	18,540	\$14.78000	\$274,021	18,540	\$14.77000	\$273,836	-0.07%
Class D Med Output Roadway	20,628	\$18.36000	\$378,730	20,628	\$18.35000	\$378,524	-0.05%
Class E High Output Roadway	19,884	\$22.89000	\$455,145	19,884	\$22.88000	\$454,946	-0.04%
Class G Med Output Flood		\$26.71000	\$0	0	\$26.69000	\$0	-0.07%
Class H High Output Flood		\$32.43000	\$0	0	\$32.41000	\$0	-0.06%
Class H Med Output Post Top		\$23.85000	\$0	0	\$23.83000	\$0	-0.08%
Class K Med Output Post Top		\$27.66000	\$0	0	\$27.64000	\$0	-0.07%
Class M Med Output Post Top		\$31.48000	\$0	0	\$31.46000	\$0	-0.06%
Customer Owned (closed)							
Sodium Vapor							
9,000 Lumens (100W)	1,476	\$12.90000	\$19,040	1,476	\$12.89000	\$19,026	-0.08%
14,000 Lumens (150W)	7,908	\$14.95000	\$118,225	7,908	\$14.94000	\$118,146	-0.07%
27,000 Lumens (250 W)	7,668	\$18.80000	\$144,158	7,668	\$18.79000	\$144,082	-0.05%
45,000 Lumens (400W)	1,368	\$22.90000	\$31,327	1,368	\$22.89000	\$31,314	-0.04%
Metal Halide							
8,500 Lumens (150W)	48	\$17.90000	\$859	48	\$17.89000	\$859	-0.06%
26,000 Lumens (350W)	0	\$22.10000	\$0	0	\$22.09000	\$0	-0.05%
Common							
Wood Poles	70,812	\$5.24000	\$371,055	70,812	\$5.24000	\$371,055	0.00%
Fiberglass Poles 25' / 20'	264	\$8.74000	\$2,307	264	\$8.73000	\$2,305	-0.11%
Fiberglass Poles 30' / 25'	384	\$11.29000	\$4,335	384	\$11.28000	\$4,332	-0.09%
Fiberglass Poles 35' / 30'	288	\$14.14000	\$4,072	288	\$14.13000	\$4,069	-0.07%
Fiberglass Poles 40' / 35'	0	\$23.51000	\$0	0	\$23.49000	\$0	-0.09%
Spans	83,508	\$2.32000	\$193,739	83,508	\$2.32000	\$193,739	0.00%
Excess Footage - Mast Arm	27,348	\$0.24000	\$6,564	27,348	\$0.24000	\$6,564	0.00%
Fuel cost adjustment	40,306,330	\$0.00000	\$0	40,306,330	\$0.00000	\$0	0.00%
Other							
Tax credit	40,306,330	\$0.00000	\$0	40,306,330	\$0.00000	\$0	0.00%
Revenue sharing	40,306,330	\$0.00000	\$0	40,306,330	\$0.00000	\$0	0.00%
Act 141 capped credits	3,976,368	-\$0.00236	-\$9,384	3,976,368	-\$0.00236	-\$9,384	0.00%
Act 141 capped contribution	3,976,368	\$0.00196	\$7,806	3,976,368	\$0.00196	\$7,806	0.00%
Total Revenue: Is-1 Lighting Service			\$12,992,372			\$12,984,978	

Electric Rate Design - Test Year 2024
Wisconsin Public Service Corporation

Rate Schedule	Authorized Rate - Year 2023			Authorized Rate - Year 2024			2024
	Billing Component	Rate	Yield	Billing Component	Rate	Yield	
Nature Wise							
NAT-R per 100 kWh block	52,788	\$1.27700	\$67,410	52,788	\$1.27700	\$67,410	0.00%
NAT-C per 100 kWh block	22,572	\$1.27700	\$28,824	22,572	\$1.27700	\$28,824	0.00%
Total Revenue: Nature Wise			\$96,235			\$96,235	
Automatic Transfer Switch ATS							
Customer charge							
Option 1 per month	216	\$236.000	\$50,976	216	\$236.000	\$50,976	0.00%
Option 2 per month	48	\$710.000	\$34,080	48	\$710.000	\$34,080	0.00%
Total Revenue: Automatic Transfer Switch ATS			\$85,056			\$85,056	
Parallel Generation							
Pg-Solar Customer Charge per day	0	\$0.06580	\$0	0	\$0.06580	\$0	0.00%
Pg-BioGas Customer Charge per day (Secondary)	0	\$1.00270	\$0	0	\$1.00270	\$0	0.00%
Pg-BioGas Customer Charge per day (Primary)	0	\$1.91670	\$0	0	\$1.91670	\$0	0.00%
Customer Charge per day (Pg-2A, Pg-2B & Pg-2C)	36,533	\$0.65750	\$24,020	36,533	\$0.65750	\$24,020	0.00%
Total Revenue: Parallel Generation			\$24,020			\$24,020	

**Wisconsin Public Service Corporation
Present and Proposed Electric Rates**

Rate Schedule	Present Rate	Authorized Rate in 2024	
Rg1 -- Residential Service			
Customer Charge - Single Phase-Year	\$0.58915	\$0.58915	per Day
Customer Charge - Single Phase-Seasonal	\$1.17830	\$1.17830	per Day
Energy Charge - Base	\$0.13600	\$0.13213	per kWh
Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Rg3 -- Residential Service 2TOU			
Customer Charge - Single Phase-Year	\$0.58915	\$0.58915	per Day
Customer Charge - Single Phase-Seasonal	\$1.17830	\$1.17830	per Day
On-Peak Energy Charge - Base	\$0.24979	\$0.24122	per kWh
On-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Off-Peak Energy Charge - Base	\$0.07806	\$0.07538	per kWh
Off-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Rg5 -- Residential Service 3TOU			
Customer Charge - Single Phase-Year	\$0.58915	\$0.58915	per Day
Customer Charge - Single Phase-Seasonal	\$1.17830	\$1.17830	per Day
On-Peak Energy Charge - Base	\$0.31224	\$0.30152	per kWh
On-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Shoulder Peak Energy Charge - Base	\$0.13600	\$0.13213	per kWh
Off-Peak Energy Charge - Base	\$0.07806	\$0.07538	per kWh
Off-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
RgRR -- Residential Response Rewards			
Customer Charge - Single Phase-Year	\$0.58915	\$0.58915	per Day
Customer Charge - Single Phase-Seasonal	\$1.17830	\$1.17830	per Day
On-Peak Energy Charge - Base	\$0.27399	\$0.26458	per kWh
On-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Critical Peak Energy Charge - Base	\$1.30198	\$1.30198	per kWh
Off-Peak Energy Charge - Base	\$0.07025	\$0.06784	per kWh
Off-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Cg1 -- General Secondary Service			
Customer Charge - Single Phase-Year	\$0.90840	\$0.90840	per Day
Customer Charge - Single Phase-Seasonal	\$1.81680	\$1.81680	per Day
Customer Charge - Three Phase-Year	\$1.45350	\$1.45350	per Day
Customer Charge - Three Phase-Seasonal	\$2.90700	\$2.90700	per Day
Energy Charge - Base	\$0.12318	\$0.11945	per kWh
Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Cg1RR -- General Secondary Service Response Rewards			
Customer Charge - Single Phase-Year	\$0.90840	\$0.90840	per Day
Customer Charge - Single Phase-Seasonal	\$1.81680	\$1.81680	per Day
Customer Charge - Three Phase-Year	\$1.45350	\$1.45350	per Day
Customer Charge - Three Phase-Seasonal	\$2.90700	\$2.90700	per Day
On-Peak Energy Charge - Base	\$0.23536	\$0.22566	per kWh
On-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Critical Peak Energy Charge - Base	\$1.17680	\$1.17680	per kWh
Off-Peak Energy Charge - Base	\$0.06822	\$0.06541	per kWh
Off-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh

**Wisconsin Public Service Corporation
Present and Proposed Electric Rates**

Rate Schedule	Present Rate	Authorized Rate in 2024	
Cg3 -- General Secondary Service - Optional TOU			
Customer Charge - Single Phase-Year	\$0.90840	\$0.90840	per Day
Customer Charge - Single Phase-Seasonal	\$1.81680	\$1.81680	per Day
Customer Charge - Three Phase-Year	\$1.45350	\$1.45350	per Day
Customer Charge - Three Phase-Seasonal	\$2.90700	\$2.90700	per Day
On-Peak Energy Charge - Base	\$0.23877	\$0.22894	per kWh
On-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Off-Peak Energy Charge - Base	\$0.06822	\$0.06541	per kWh
Off-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Cg5 -- General Secondary Service - Flat			
Customer Charge - Single Phase-Year	\$2.07120	\$2.07120	per Day
Customer Charge - Single Phase-Seasonal	\$4.14250	\$4.14250	per Day
Customer Charge - Three Phase-Year	\$3.31400	\$3.31400	per Day
Customer Charge - Three Phase-Seasonal	\$6.62790	\$6.62790	per Day
Energy Charge - Base	\$0.11674	\$0.11225	per kWh
Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Cg5RR -- General Secondary Service - Response Rewards			
Customer Charge - Single Phase-Year	\$2.07120	\$2.07120	per Day
Customer Charge - Single Phase-Seasonal	\$4.14250	\$4.14250	per Day
Customer Charge - Three Phase-Year	\$3.31400	\$3.31400	per Day
Customer Charge - Three Phase-Seasonal	\$6.62790	\$6.62790	per Day
On-Peak Energy Charge - Base	\$0.18761	\$0.17988	per kWh
On-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Critical Peak Energy Charge - Base	\$1.17256	\$1.17256	per kWh
Off-Peak Energy Charge - Base	\$0.06822	\$0.06541	per kWh
Off-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh

**Wisconsin Public Service Corporation
Present and Proposed Electric Rates**

Rate Schedule	Present Rate	Authorized Rate in 2024	
Cg20 -- Commercial and Industrial Demand			
Customer Charge - Single Phase	\$3.05750	\$3.05750	per Day
Customer Charge - Three Phase	\$5.58900	\$5.58900	per Day
On-Peak Energy Charge - Base	\$0.07767	\$0.07278	per kWh
On-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Off-Peak Energy Charge - Base	\$0.04569	\$0.04282	per kWh
Off-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
On-Peak Demand Charge - Base (Summer)	\$18.449	\$18.449	per kW
On-Peak Demand Charge - Base (Non-summer)	\$11.992	\$11.992	per kW
Standby Demand - Base	\$2.251	\$2.251	per kW
Customer Demand Charge	\$2.399	\$2.399	per kW
Energy Limiter	\$0.19524	\$0.18847	per kWh
Primary Discount-Metering Primary Service	1.10%	1.10%	Discount
Primary Discount-Metering Transmission Service	2.00%	2.00%	Discount
Primary Discount-Delivery Primary Service	\$0.36000	\$0.36000	per kW of customer max demand
Primary Discount-Delivery Transmission Service	\$0.55000	\$0.55000	per kW of customer max demand
Cg20RR -- Commercial and Industrial Demand - Response Rewards			
Customer Charge - Single Phase	\$3.05750	\$3.05750	per Day
Customer Charge - Three Phase	\$5.58900	\$5.58900	per Day
On-Peak Energy Charge - Base	\$0.05695	\$0.05337	per kWh
On-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Critical Peak Energy Charge - Base	\$0.48408	\$0.45365	per kWh
Off-Peak Energy Charge - Base	\$0.04112	\$0.03854	per kWh
Off-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
On-Peak Demand Charge - Base (Summer)	\$13.83700	\$13.83700	per kW
On-Peak Demand Charge - Base (Non-summer)	\$8.99400	\$8.99400	per kW
Standby Demand - Base	\$2.25100	\$2.25100	per kW
Customer Demand Charge	\$2.39900	\$2.39900	per kW
Primary Discount-Metering Primary Service	1.10%	1.10%	Discount
Primary Discount-Metering Transmission Service	2.00%	2.00%	Discount
Primary Discount-Delivery Primary Service	\$0.36000	\$0.36000	per kW of customer max demand
Primary Discount-Delivery Transmission Service	\$0.55000	\$0.55000	per kW of customer max demand

**Wisconsin Public Service Corporation
Present and Proposed Electric Rates**

Rate Schedule	Present Rate	Authorized Rate in 2024	
Naturewise (NAT)			
NAT-R	\$1.27700	\$1.27700	per 100 kWh block
NAT-C	\$1.27700	\$1.27700	per 100 kWh block
Automatic Transfer Switch (ATS)			
Customer Charge - Total	\$236.00000	\$236.00000	per Month
Customer Charge - Maintenance	\$710.00000	\$710.00000	per Month
Parallel Generation			
Pg-Solar Customer Charge	\$0.06580	\$0.06580	per Day
Pg-BioGas Customer Charge (Secondary)	\$1.00270	\$1.00270	per Day
Pg-BioGas Customer Charge (Primary)	\$1.91670	\$1.91670	per Day
Customer Charge (Pg-2A & Pg-2B)	\$0.65750	\$0.65750	per Day
COEV-R -- Residential Electric Vehicle Charger Only			
Fixed service and administration charge			
Bundled service	\$20.00000	\$20.00000	per Month
Pre-paid service	\$8.00000	\$8.00000	per Month
Energy charge			
On-peak (summer)	\$0.25145	\$0.25145	per kWh
On-peak (non-summer)	\$0.13786	\$0.13786	per kWh
Intermediate-peak (summer)	\$0.13786	\$0.13786	per kWh
Intermediate-peak (non-summer)	\$0.13786	\$0.13786	per kWh
Off-peak (summer)	\$0.06223	\$0.06223	per kWh
Off-peak (non-summer)	\$0.06223	\$0.06223	per kWh
Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
WHEV-R -- Residential Electric Vehicle Whole Home			
Fixed service and administration charge			
Bundled service	\$20.00000	\$20.00000	per Month
Pre-paid service	\$8.00000	\$8.00000	per Month
EV-C -- Electric Vehicle Commercial			
Fixed service and administration charge			
Bundled-single port A	\$24.00000	\$24.00000	per Month, per Port
Bundled-single port B	\$24.00000	\$24.00000	per Month, per Port
Bundled-single port C	\$25.00000	\$25.00000	per Month, per Port
Bundled-dual port A	\$26.00000	\$26.00000	per Month, per Port
Bundled-dual port B	\$26.00000	\$26.00000	per Month, per Port
Bundled-dual port C	\$26.00000	\$26.00000	per Month, per Port
Pre-paid-single port A	\$4.00000	\$4.00000	per Month, per Port
Pre-paid-single port B	\$4.00000	\$4.00000	per Month, per Port
Pre-paid-single port C	\$4.00000	\$4.00000	per Month, per Port
Pre-paid-dual port A	\$2.00000	\$2.00000	per Month, per Port
Pre-paid-dual port B	\$2.00000	\$2.00000	per Month, per Port
Pre-paid-dual port C	\$2.00000	\$2.00000	per Month, per Port

**Wisconsin Public Service Corporation
Present and Proposed Electric Rates**

Rate Schedule	Present Rate	Authorized Rate in 2024	
Cp -- Large Commercial and Industrial			
Customer Charge - Secondary	\$21.86300	\$21.86300	per Day
Customer Charge - Primary	\$25.51230	\$25.51230	per Day
Customer Charge - Transmission	\$58.29040	\$58.29040	per Day
On-Peak Energy Charge - Base (Secondary)	\$0.07149	\$0.06872	per kWh
On-Peak Energy Charge - Base (Primary)	\$0.06939	\$0.06671	per kWh
On-Peak Energy Charge - Base (Transmission)	\$0.06852	\$0.06587	per kWh
On-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Off-Peak Energy Charge - Base (Secondary)	\$0.04205	\$0.04042	per kWh
Off-Peak Energy Charge - Base (Primary)	\$0.04082	\$0.03924	per kWh
Off-Peak Energy Charge - Base (Transmission)	\$0.04031	\$0.03875	per kWh
Off-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
On-Peak Demand Charge - Summer Peak (Secondary)	\$20.235	\$20.235	per kW
On-Peak Demand Charge - Summer Peak (Primary)	\$19.785	\$19.785	per kW
On-Peak Demand Charge - Summer Peak (Transmission)	\$19.762	\$19.762	per kW
On-Peak Demand Charge - Non-summer Peak (Secondary)	\$11.242	\$11.242	per kW
On-Peak Demand Charge - Non-summer Peak (Primary)	\$10.992	\$10.992	per kW
On-Peak Demand Charge - Non-summer Peak (Transmission)	\$10.979	\$10.979	per kW
On-Peak Demand Charge - Summer Intermediate (Secondary)	\$15.176	\$15.176	per kW
On-Peak Demand Charge - Summer Intermediate (Primary)	\$14.839	\$14.839	per kW
On-Peak Demand Charge - Summer Intermediate (Transmission)	\$14.822	\$14.822	per kW
On-Peak Demand Charge - Non-summer Intermediate (Secondary)	\$8.432	\$8.432	per kW
On-Peak Demand Charge - Non-summer Intermediate (Primary)	\$8.244	\$8.244	per kW
On-Peak Demand Charge - Non-summer Intermediate (Transmission)	\$8.234	\$8.234	per kW
On-Peak Demand Charge - Summer Variable Int (Secondary)	\$12.196	\$12.196	per kW
On-Peak Demand Charge - Summer Variable Int (Primary)	\$11.746	\$11.746	per kW
On-Peak Demand Charge - Summer Variable Int (Transmission)	\$11.723	\$11.723	per kW
On-Peak Demand Charge - Non-summer Variable Int (Secondary)	\$7.222	\$7.222	per kW
On-Peak Demand Charge - Non-summer Variable Int (Primary)	\$6.972	\$6.972	per kW
On-Peak Demand Charge - Non-summer Variable Int (Transmission)	\$6.959	\$6.959	per kW
Customer Demand Charge (Secondary)	\$2.209	\$2.209	per kW
Customer Demand Charge (Primary)	\$1.926	\$1.926	per kW
Customer Demand Charge (Transmission)	\$0.000	\$0.000	per kW
Substation Transformer Capacity	\$0.50000	\$0.50000	per kVA
Standby	\$3.50000	\$3.50000	per kW
Interruptible Demand Credit - Summer (Secondary)	\$8.03900	\$8.03900	per kW
Interruptible Demand Credit - Summer (Primary)	\$8.03900	\$8.03900	per kW
Interruptible Demand Credit - Summer (Transmission)	\$8.03900	\$8.03900	per kW
Interruptible Demand Credit - Non-Summer (Secondary)	\$4.02000	\$4.02000	per kW
Interruptible Demand Credit - Non-Summer (Primary)	\$4.02000	\$4.02000	per kW
Interruptible Demand Credit - Non-Summer (Transmission)	\$4.02000	\$4.02000	per kW
Load Factor Credit	(\$0.00500)	(\$0.00500)	per kWh

**Wisconsin Public Service Corporation
Present and Proposed Electric Rates**

Rate Schedule	Present Rate	Authorized Rate in 2024	
CpRR -- Large Commercial and Industrial Response Rewards			
Customer Charge - Secondary	\$21.86300	\$21.86300	per Day
Customer Charge - Primary	\$25.51230	\$25.51230	per Day
Customer Charge - Transmission	\$58.29040	\$58.29040	per Day
On-Peak Energy Charge - Base (Secondary)	\$0.05305	\$0.05097	per kWh
On-Peak Energy Charge - Base (Primary)	\$0.05149	\$0.04948	per kWh
On-Peak Energy Charge - Base (Transmission)	\$0.05084	\$0.04886	per kWh
On-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
Critical Peak Energy Charge - Base (Secondary)	\$0.45085	\$0.43328	per kWh
Critical Peak Energy Charge - Base (Primary)	\$0.43763	\$0.42058	per kWh
Critical Peak Energy Charge - Base (Transmission)	\$0.43214	\$0.41531	per kWh
Off-Peak Energy Charge - Base (Secondary)	\$0.03745	\$0.03597	per kWh
Off-Peak Energy Charge - Base (Primary)	\$0.03634	\$0.03492	per kWh
Off-Peak Energy Charge - Base (Transmission)	\$0.03589	\$0.03449	per kWh
Off-Peak Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh
On-Peak Demand Charge - Summer Peak (Secondary)	\$15.176	\$15.176	per kW
On-Peak Demand Charge - Summer Peak (Primary)	\$14.839	\$14.839	per kW
On-Peak Demand Charge - Summer Peak (Transmission)	\$14.822	\$14.822	per kW
On-Peak Demand Charge - Non-summer Peak (Secondary)	\$8.432	\$8.432	per kW
On-Peak Demand Charge - Non-summer Peak (Primary)	\$8.244	\$8.244	per kW
On-Peak Demand Charge - Non-summer Peak (Transmission)	\$8.234	\$8.234	per kW
On-Peak Demand Charge - Summer Intermediate (Secondary)	\$11.382	\$11.382	per kW
On-Peak Demand Charge - Summer Intermediate (Primary)	\$11.129	\$11.129	per kW
On-Peak Demand Charge - Summer Intermediate (Transmission)	\$11.117	\$11.117	per kW
On-Peak Demand Charge - Non-summer Intermediate (Secondary)	\$6.324	\$6.324	per kW
On-Peak Demand Charge - Non-summer Intermediate (Primary)	\$6.183	\$6.183	per kW
On-Peak Demand Charge - Non-summer Intermediate (Transmission)	\$6.176	\$6.176	per kW
Customer Demand Charge (Secondary)	\$2.209	\$2.209	per kW
Customer Demand Charge (Primary)	\$1.926	\$1.926	per kW
Customer Demand Charge (Transmission)	\$0.000	\$0.000	per kW
Substation Transformer Capacity	\$0.50000	\$0.50000	per kVA
Standby	\$3.50000	\$3.50000	per kW

**Wisconsin Public Service Corporation
Present and Proposed Electric Rates**

Rate Schedule	Present Rate	Authorized Rate in 2024	
New Load Market Pricing (NLMP)			
Scheduleing Charge	\$6.00000	\$6.00000	per Day
Transmission Demand	\$8.25000	\$8.25000	per kW
Embedded Cost Adder	\$0.00050	\$0.00050	per kWh
Real Time Market Pricing (RTMP)			
Scheduling Charge	\$1,000.00	\$1,000.00	per Month
Embedded Cost Adder	\$0.00550	\$0.00550	per kWh
Transmission Demand	\$5.01000	\$5.01000	per kW

**Wisconsin Public Service Corporation
Present and Proposed Electric Rates**

Rate Schedule	Present Rate	Authorized Rate in 2024	
Ls1 Lighting Service			
Company Owned			
Sodium Vapor			
5,670 Lumens (70W)	\$18.12000	\$18.11000	per Month
9,000 Lumens (100W) (Closed)	\$17.88000	\$17.87000	per Month
14,000 Lumens (150W) (Closed)	\$20.03000	\$20.02000	per Month
27,000 Lumens (250W) (Closed)	\$24.28000	\$24.26000	per Month
45,000 Lumens (400W)	\$32.54000	\$32.52000	per Month
9,000 Lumens (100W) - Area	\$15.75000	\$15.74000	per Month
14,000 Lumens (150W) - Area	\$18.60000	\$18.59000	per Month
27,000 Lumens (250W) - Directional	\$29.67000	\$29.65000	per Month
45,000 Lumens (400W) - Directional (Closed)	\$36.29000	\$36.27000	per Month
Metal Halide			
8,500 Lumens (150W)	\$28.62000	\$28.60000	per Month
26,000 Lumens (350W)	\$31.48000	\$31.46000	per Month
36,000 Lumens (400W) - (Closed)	\$33.38000	\$33.36000	per Month
26,000 Lumens (350W) - Directional	\$35.29000	\$35.27000	per Month
36,000 Lumens (400W) - Directional (Closed)	\$37.39000	\$37.37000	per Month
110,000 Lumens (1000W) - Directional	\$54.14000	\$54.10000	per Month
LED			
Class B Low Output Security	\$13.35000	\$13.34000	per Month
Class C Low Output Roadway	\$14.78000	\$14.77000	per Month
Class D Med Output Roadway	\$18.36000	\$18.35000	per Month
Class E High Output Roadway	\$22.89000	\$22.88000	per Month
Class G Med Output Flood	\$26.71000	\$26.69000	per Month
Class H High Output Flood	\$32.43000	\$32.41000	per Month
Class H Med Output Post Top	\$23.85000	\$23.83000	per Month
Class K Med Output Post Top	\$27.66000	\$27.64000	per Month
Class M Med Output Post Top	\$31.48000	\$31.46000	per Month
Customer Owned (Closed)			
Sodium Vapor			
9,000 Lumens (100W)	\$12.90000	\$12.89000	per Month
14,000 Lumens (150W)	\$14.95000	\$14.94000	per Month
27,000 Lumens (250 W)	\$18.80000	\$18.79000	per Month
45,000 Lumens (400W)	\$22.90000	\$22.89000	per Month
Metal Halide			
8,500 Lumens (150W)	\$17.90000	\$17.89000	per Month
26,000 Lumens (350W)	\$22.10000	\$22.09000	per Month
Common			
Wood Poles	\$5.24000	\$5.24000	per Month
Fiberglass Poles 25' / 20'	\$8.74000	\$8.73000	per Month
Fiberglass Poles 30' / 25'	\$11.29000	\$11.28000	per Month
Fiberglass Poles 35' / 30'	\$14.14000	\$14.13000	per Month
Fiberglass Poles 40' / 35'	\$23.51000	\$23.49000	per Month
Spans	\$2.32000	\$2.32000	per Month
Excess Footage - Mast Arm	\$0.24000	\$0.24000	per Month per Foot
Energy Charge - Fuel Cost Adjustment	\$0.00000	\$0.00000	per kWh

**Wisconsin Public Service Corporation
Present and Proposed Electric Rates**

Rate Schedule	Present Rate	Authorized Rate in 2024	
Embedded Credits for Line Extensions			
Rg1, Rg3, & Rg5	\$1,371	\$1,371	per Customer
Cg1, Cg3, & Cg5	\$2,603	\$2,603	per Customer
Cg20 & Cp	\$60.47	\$60.47	per kW
Act 141 Costs Embedded in Base Rates			
Rg1, Rg3, & Rg5	\$0.00227	\$0.00227	per kWh
Cg1, Cg3, & Cg5	\$0.00236	\$0.00236	per kWh
Cg20 & Cp	\$0.00236	\$0.00236	per kWh
Standard Street Lighting	\$0.00236	\$0.00236	per kWh
Earnings Sharing Credit			
Rg1	\$0.00000	\$0.00000	per kWh
Rg3	\$0.00000	\$0.00000	per kWh
Rg5	\$0.00000	\$0.00000	per kWh
RgRR	\$0.00000	\$0.00000	per kWh
Cg1	\$0.00000	\$0.00000	per kWh
Cg1RR	\$0.00000	\$0.00000	per kWh
Cg3	\$0.00000	\$0.00000	per kWh
Cg5	\$0.00000	\$0.00000	per kWh
Cg5RR	\$0.00000	\$0.00000	per kWh
Cg20	\$0.00000	\$0.00000	per kWh
Cg20RR	\$0.00000	\$0.00000	per kWh
Cp	\$0.00000	\$0.00000	per kWh
CpRR	\$0.00000	\$0.00000	per kWh
Ls1	\$0.00000	\$0.00000	per kWh

Comparison of Bills for Residential

A B C D E F G

Rg1

Monthly Use (kWh)	Typical Bills					
	Current Rates		Authorized 2024		Authorized 2024 Change	
	Monthly	Annual	Monthly	Annual	Monthly %	Monthly \$
350	\$65.52	\$786.24	\$64.17	\$770.04	-2.06%	-\$1.35
450	\$79.12	\$949.44	\$77.38	\$928.56	-2.20%	-\$1.74
550	\$92.72	\$1,112.64	\$90.59	\$1,087.08	-2.30%	-\$2.13
660	\$107.68	\$1,292.16	\$105.13	\$1,261.56	-2.37%	-\$2.55
750	\$119.92	\$1,439.04	\$117.02	\$1,404.24	-2.42%	-\$2.90
1,000	\$153.92	\$1,847.04	\$150.05	\$1,800.60	-2.51%	-\$3.87
2,000	\$289.92	\$3,479.04	\$282.18	\$3,386.16	-2.67%	-\$7.74
3,000	\$425.92	\$5,111.04	\$414.31	\$4,971.72	-2.73%	-\$11.61

Appendix C
Docket 6690-UR-127

Wisconsin Public Service Corporation
Docket 6690-UR-127
Monitored Fuel Costs for 2024

	<u>Total Fuel Rules Cost</u>	<u>System Requirements</u>	<u>Monthly \$/kWh</u>	<u>Cumulative \$/kWh</u>
January	\$ 31,249,555	1,012,102	\$ 30.88	\$ 30.88
February	\$ 27,528,588	958,401	\$ 28.72	\$ 29.83
March	\$ 24,511,261	964,855	\$ 25.40	\$ 28.37
April	\$ 22,942,050	896,964	\$ 25.58	\$ 27.72
May	\$ 21,397,698	901,764	\$ 23.73	\$ 26.96
June	\$ 22,040,561	973,685	\$ 22.64	\$ 26.22
July	\$ 25,727,114	1,115,320	\$ 23.07	\$ 25.71
August	\$ 27,615,376	1,092,938	\$ 25.27	\$ 25.65
September	\$ 27,964,376	959,587	\$ 29.14	\$ 26.02
October	\$ 26,423,018	864,673	\$ 30.56	\$ 26.43
November	\$ 31,732,416	970,889	\$ 32.68	\$ 26.99
December	\$ 28,873,296	986,573	\$ 29.27	\$ 27.19
Total	<u>\$ 318,005,308</u>	<u>11,697,749</u>	<u>\$ 27.19</u>	