FILED
December 20, 2023
INDIANA UTILITY
REGULATORY COMMISSION

## STATE OF INDIANA

#### INDIANA UTILITY REGULATORY COMMISSION

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PETITION OF INDIANA MICHIGAN POWER
COMPANY, AN INDIANA CORPORATION,
FOR AUTHORITY TO INCREASE ITS RATES
AND CHARGES FOR ELECTRIC UTILITY
SERVICE THROUGH A PHASE IN RATE
ADJUSTMENT; AND FOR APPROVAL OF
RELATED RELIEF INCLUDING: (1) REVISED
DEPRECIATION RATES, INCLUDING COST
   REMOVAL
              LESS
                    SALVAGE,
UPDATED DEPRECIATION EXPENSE; (2)
ACCOUNTING
              RELIEF,
                                     CAUSE NO. 45933
                        INCLUDING
                                   )
DEFERRALS AND AMORTIZATIONS; (3)
INCLUSION OF CAPITAL INVESTMENT; (4)
RATE
        ADJUSTMENT
                       MECHANISM
PROPOSALS, INCLUDING
                      NEW
                           GRANT
PROJECTS RIDER AND MODIFIED TAX
RIDER; (5) A VOLUNTARY RESIDENTIAL
CUSTOMER POWERPAY PROGRAM;
WAIVER
          OR
                DECLINATION
                               OF
JURISDICTION
              WITH
                     RESPECT
                               TO
CERTAIN
          RULES
                  TO
                       FACILITATE
IMPLEMENTATION OF THE POWERPAY
PROGRAM; (7)
             COST RECOVERY FOR
COOK
      PLANT
              SUBSEQUENT
                          LICENSE
RENEWAL EVALUATION PROJECT; AND (8)
NEW SCHEDULES OF RATES, RULES AND
REGULATIONS.
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# UNOPPOSED JOINT MOTION FOR LEAVE TO FILE SETTLEMENT AGREEMENT AND REQUEST FOR SETTLEMENT HEARING

Petitioner, Indiana Michigan Power Company (I&M), by counsel, respectfully files this Unopposed Joint Motion on behalf of itself, the Indiana Office of Utility Consumer Counselor, and the following Intervenors: I&M Industrial Group, Citizens Action Coalition of Indiana, Inc., City of Fort Wayne, City of Marion and Marion Municipal Utilities, Walmart Inc. and Wabash Valley Power Alliance ("Settling Parties"). The Setting Parties, in accordance with 170 IAC 1-1.1-12 and 170 IAC 1-1.1-17, respectfully move for leave from the Commission to submit a Stipulation and Settlement Agreement ("Settlement Agreement") and supporting settlement

testimony. The Settling Parties further request the Commission schedule a settlement hearing as set forth below. In support of this Joint Motion, the Settling Parties state as follows:

- 1. All parties to this proceeding participated in settlement communications and engaged in extensive settlement negotiations.
- 2. The Settling Parties have reached a settlement agreement that addresses and resolves all issues pending before the Commission in this proceeding. A copy of the Settlement Agreement is attached hereto as Exhibit 1.
- 3. The Settlement Agreement is among all but the following two parties namely Intervenor Steel Dynamics, Inc. ("SDI") and Intervenor City of Auburn Electric Department ("Auburn"). Both SDI and Auburn participated in the settlement communications. SDI and Auburn are not parties to the Settlement Agreement. SDI and Auburn have each authorized undersigned counsel to represent that SDI and Auburn have no objection to this Joint Motion, no objection to the Settlement Agreement, and waive cross-examination. SDI and Auburn do not seek an opportunity to present testimony regarding the Settlement Agreement. SDI and Auburn have also indicated that each will directly confirm these representations to the Commission upon request. The Settling Parties also waive cross-examination of each other's witnesses and stipulate to the admission of or do not object to each other's witness testimonies and exhibits prefiled in this Cause.
- 4. The Settling Parties ask leave to file supplemental testimony, attachments and workpapers supporting the Settlement Agreement on or before January 9, 2024.

- 5. The Settling Parties respectfully request that the evidentiary hearing scheduled to commence on January 16, 2024 be continued to a settlement hearing on January 31, 2024 and that the balance of the procedural dates be vacated.
- 6. The Settling Parties will work together to submit an unopposed joint proposed order on or before February 6, 2024. No further post order briefing would be necessary.
- 7. This Joint Motion is not filed for purposes of undue delay. If approved, the process requested herein should facilitate the timely processing of this proceeding.
- 8. Undersigned counsel is authorized to represent that it is authorized to sign and file this Joint Motion on behalf of all the identified parties.

WHEREFORE, the Settling Parties respectfully submit and move this Joint Motion be promptly granted; that the procedural schedule be revised as proposed herein; and that the Commission grant to the Settling Parties all other relief as may be reasonable and appropriate in the premises.

# Respectfully submitted,

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Attorneys for Indiana Michigan Power Company

# **CERTIFICATE OF SERVICE**

The undersigned certifies that a copy of the foregoing was served upon the following via electronic email, hand delivery or First Class, United States Mail, postage prepaid this 20th day of December, 2023 to:

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DMS 41099124

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#### INDIANA UTILITY REGULATORY COMMISSION

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COMPANY, AN INDIANA CORPORATION,
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## STIPULATION AND SETTLEMENT AGREEMENT

Indiana Michigan Power Company ("I&M"), the Indiana Office of Utility Consumer Counselor ("OUCC"), I&M Industrial Group, Citizens Action Coalition of Indiana, Inc. ("CAC"), Joint Municipals (collectively the City of Ft. Wayne, Indiana, the City of Marion, Indiana and Marion Municipal Utilities), Walmart Inc. and Wabash Valley Power Association, Inc. d/b/a Wabash Valley Power Alliance (collectively the "Settling Parties" and individually "Settling Party"), solely for purposes of compromise and settlement and having been duly advised by their

respective staff, experts and counsel, stipulate and agree the terms and conditions set forth below represent a fair, just and reasonable resolution of the matters set forth below, subject to their incorporation by the Indiana Utility Regulatory Commission ("IURC" or "Commission") into a final, non-appealable order ("Final Order")<sup>1</sup> without modification or further condition that may be unacceptable to any Settling Party. If the Commission does not approve this Stipulation and Settlement Agreement ("Settlement Agreement"), in its entirety, the entire Settlement Agreement shall be null and void and deemed withdrawn, unless otherwise agreed to in writing by the Settling Parties.

# I. TERMS AND CONDITIONS.

A. Revenue Requirement. The Settling Parties agree that I&M's proposed revenue increase (as of Phase II) should be reduced from \$116.4 million to \$56.9 million, a decrease of \$59.5 million as stated below, prior to updated Transmission Owner Costs, Revenues and Proposed Rider Revenue, as shown in and subject to the attached Settlement Agreement Attachment A (summary of revenue requirement impact of settlement terms) and the attached Settlement Agreement Attachment B (I&M Exhibit A-1 updated to reflect settlement terms).

# 1. Cost of Capital.

- 1.1. <u>ROE</u>. The Settling Parties agree to a Commission authorized return on equity ("ROE") of 9.85%.
- 1.2. <u>Capital Structure</u>. For purposes of the Phase I compliance filing, the Debt/Equity ratio will reflect the Phase II capital structure approved in Cause No. 45576 (i.e., 50%/50%). For purposes of the Phase II compliance filing, the Debt/Equity ratio will be adjusted to the December 31, 2024, actual ratio based on shareholder contributions of debt and equity, but will be no higher than a 51.2% equity ratio.
- 1.3. <u>Weighted Average Cost of Capital ("WACC")</u>. After incorporating subsection 1.1. above and subsection 1.4 below, the agreed WACC to be applied to I&M's original cost rate base for Phase I will be 6.05% and 6.12% for Phase II subject to the Phase II compliance filing described in 1.2. above.

<sup>1</sup> "Final Order" as used herein means an order issued by the Commission as to which no person has filed a Notice of Appeal within the thirty-day period after the date of the Commission order.

- 1.4. Private Letter Ruling. For purposes of setting base rates in this proceeding, I&M will retain the approximately \$96.9 million (Total Company) in cost free capital that is proposed to be removed per I&M's proposed Net Operating Loss Carryforward ("NOLC") adjustment pending receipt of the Private Letter Ruling ("PLR") requested from the Internal Revenue Service ("IRS") in accordance with the Settlement Agreement in Cause No. 45576, that determines whether or not I&M's proposed NOLC adjustment must be made in order to avoid a tax normalization violation.
- 1.4.1 Pending receipt of an IRS PLR, the Settling Parties agree that the Commission should continue to authorize I&M to establish a regulatory asset for the return that would be associated with the inclusion of the proposed NOLC adjustment in the calculation of accumulated deferred federal income taxes ("ADFIT") in I&M's capital structure. The regulatory asset would also be established for the amount of any differences in I&M's requested levels of protected excess ADFIT ("EADFIT") amortization (see I.A.1.d and I.A.1.e) and the settled levels of amortization. Upon the effective date of the rates being implemented in this proceeding, the accrual of this regulatory asset will reflect the terms of this settlement agreement.
- 1.4.2 If the IRS PLR determines that failure to reinstate the proposed NOLC ADFIT in the calculation of I&M's capital structure constitutes a normalization violation, I&M will initiate a limited proceeding to update I&M's Tax Rider to reflect the NOLC adjustments, along with any Commission-approved offsets, in rates on an ongoing basis and to recover the regulatory asset. The Settling Parties reserve rights to take any position in the limited proceeding related to the NOLC and the Company's proposed ratemaking related thereto. All parties reserve all rights to any position regarding the Company's continued participation in the Tax Sharing Agreement on a going forward basis in the Company's subsequent base rate cases.
- 1.4.3 If the IRS PLR determines there is no normalization violation created by the failure to reinstate the NOLC ADFIT, the regulatory asset will be written-off and will not be recovered from customers.
- 1.4.4 The Company will file notice of the results of the ruling with the Commission and notify the Settling Parties within ten (10) business days of receipt of the PLR.
- 1.4.5 For purposes of permitting the Commission to make the necessary findings consistent with the terms of this stipulation, I&M will waive confidential treatment of: (1) the fact of its request for a PLR; and (2) the overall results of the PLR.
- 1.5. The authorized base rate net operating income ("NOI") will be \$333,209,894.
- 2. <u>Depreciation Rates And Expense</u>. Solely for purposes of compromise in this proceeding, I&M will reduce depreciation expense by approximately \$15.8 million (Indiana Jurisdictional). This reduction will be effectuated by accepting OUCC witness Garrett's proposed adjustment to I&M proposed depreciation rates for distribution plant

accounts shown in Attachment DJG-3. The Company's proposed depreciation rates, which are calculated using Average Life Group, will otherwise be approved by the Commission. The Company will include the depreciation rates revised to reflect this Settlement Agreement with its settlement testimony.

- **3.** Expense Adjustments. For the purpose of calculating revenue requirements in this case and solely for the purpose of compromise on contested issues, I&M will reduce its proposed O&M expenses as follows. Nothing in this agreement precludes I&M from seeking recovery of these type of expenses in a future case.
- 3.1. A \$2.0 million (Indiana Jurisdictional) decrease in the Company's proposed nuclear decommissioning expense. I&M may seek additional adjustments to the funding level of the Nuclear Decommissioning Trust based on future analyses of the adequacy of the Trust to pay for decommissioning. Nothing in this Agreement shall be construed as limiting any Party's position with regard to the recovery of actual nuclear decommissioning costs or the appropriate balance of the Nuclear Decommissioning Trust.
- 3.2. A \$6.0 million (Indiana Jurisdictional) decrease in other O&M expense from I&M's Test Year forecast as a negotiated compromise of contested operating expense issues including items challenged in CAC's testimony.
- 3.3. I&M's revenue requirement in this case will be adjusted downward by reducing expense \$0.9 million (Indiana Jurisdictional) in recognition of certain IT cost reductions proposed by IG witness Gorman.
- 3.4. In its Phase II compliance filing, if the DERMS project is in-service, I&M shall credit to the project costs (similar to "Contributions-in-aid-of-Construction" ("CIAC")), the grant funds received for its DERMS project, net of the tax impact and grant writing costs. Grant writing costs shall not exceed \$250,000 (Indiana Jurisdictional) or the grant amount (whichever is less). The grant funds, net of the tax impact and grant writing costs, will reduce the depreciation of the underlying assets, and rate base (net of depreciation). If the DERMS project is not in-service as of the Phase II compliance filing date, the Company shall credit its capital expenditures as described above in the next base rate proceeding or the earliest alternative filing in which DERMS is recognized in rate base.
- **4.** <u>IURC Fee and Revenue Conversion Factor</u>. The IURC Fee of 0.1467603% will be used to determine the Test Year IURC Fee and will also be used to calculate the revenue conversion factor.
- 5. <u>Major Storms</u>. The Major Storm Damage and Restoration Reserve shall be continued as proposed by I&M. As proposed by IG witness Gorman, annual major storm O&M expense embedded in basic rates will be increased by an additional \$1.6 million (Indiana Jurisdictional), for a total of \$9.4 million (Indiana Jurisdictional) annual major storm costs. As also proposed by IG witness Gorman, the unrecovered balance of storm restoration costs will be amortized over four years instead of two years. The net result of these adjustments is an approximate \$4.0 million (Indiana Jurisdictional) decrease in I&M's revenue requirement.

- **6.** <u>Power Pay.</u> I&M's Power Pay Program will be approved as a pilot program as recommended by the OUCC with the following modifications:
- 6.1. Participants will be notified up front that they are responsible to monitor their account balances to prevent disconnection in all circumstances, including periods when they temporarily lose access to cell phone service or the internet;
- 6.2. Participants will be provided an opportunity to identify a person to receive third-party notification in case of pending disconnection;
- 6.3. A customer's previous deposit will be used to cover arrearages remaining from a previous account. The customer may choose whether to apply the deposit (or remaining balance of the deposit) toward electric service under the PowerPay Program or receive a refund. If a customer does not make a choice within ten days of receiving notification, the deposit or remaining balance will be applied toward electric service under the PowerPay Program.
- 6.4. I&M will offer to meet with the OUCC and CAC no less than 60 days prior to implementing the program to review program implementation details and define program metrics. As recommended by Ms. Paronish, at a minimum, I&M will use the metrics outlined in her testimony on page 10, lines 18 through 24 and page 11, lines 1 through 18. I&M will limit the number of participating customers during the first year of the program to no more than 2,300. I&M will meet with the OUCC and CAC within 60 days of the end of the first year to review program status and metrics and within 60 days of the end of the second and final year of the pilot program. I&M will file a report with the Commission regarding the metrics within 90 days of the pilot's completion. Nothing in this Settlement Agreement shall preclude the Company from seeking Commission approval to continue the program beyond the end of the pilot.
- 6.5. The costs of the Power Pay Program will be deferred, including a return on the plant investment, for recovery in I&M's next basic rate proceeding. The Settling Parties reserve their rights to take any position in that rate proceeding regarding the recovery of the deferred costs. If the Company seeks to recover costs of the Power Pay Program it will present information on the impact of the pilot on the following:
  - a. Indiana jurisdictional total bad debt expense;
  - b. Indiana jurisdictional bad debt expense attributable to customers on the Power Pay Program;
  - c. improvement in back office efficiencies that reduce I&M's expenses; and/or
  - d. any other reasonably-measured program benefit the Company has analyzed.

## 7. Grants Projects and Broadband.

- 7.1. <u>Grants Projects</u>. I&M agrees to withdraw from this basic rate proceeding its request for approval of an expedited review process for grants, associated ratemaking and reporting via the Grants Project Rider.
- 7.2. <u>Broadband</u>. If I&M pursues the Delaware and Grant Middle Mile Connect (DG MMC) project, neither the investment included in the grant award to provide broadband internet service to ISPs nor the awarded grant funding will be included in the calculation of I&M's electric utility rates. Fiber leasing costs and revenues for the Delaware and Grant Middle Mile Connect project will be booked below the line and excluded from retail ratemaking process.

# 8. Riders.

- 8.1. <u>FAC</u>. As recommended by OUCC witness Eckert, I&M agrees to continue the current agreement which allows the OUCC and Intervenors a 35-day review period in the Company's FAC proceedings.
- 8.2. OSS/PJM Rider. An annual cap will be placed on the PJM NITS costs reflected in FERC accounts 4561035 and 5650016 recovered through the PJM rider. The annual cap will be based on the Indiana Jurisdictional amount per MWh forecasted for 2024 plus 20% times the actual annual MWh sales subject to the PJM/OSS Rider. The annual cap will be calculated using \$31.18 per MWh as the multiplier, computed as follows: (\$161,850,695 + \$237,848,022) x 83.17998% / 12,794,031 MWh (see WP-SRG-1 and WP-JLF-6) x 120%. In each annual PJM/OSS Rider filing, the Company shall multiply the total actual MWH sales for the year by the \$31.18 per MWh multiplier to arrive at the annual cap. Annual NITS costs in any year that result in rates that exceed the annual cap, together with the associated NITS rider revenue requirement and carrying costs, will be placed in a regulatory asset for recovery in I&M's next base rate case. The Settling Parties reserve their rights to take any position with respect to the appropriate amortization period and related going-forward return on any unamortized balance of any regulatory asset created pursuant to this term of this Settlement Agreement.
- 8.3. <u>Tax Rider</u>. The Settling Parties agree that the Tax Rider will be used to implement ratemaking adjustments associated with the IRS PLR that requires I&M to make its proposed NOLC adjustment as provided for specifically in Section 1.4. and to reconcile the excess crediting of unprotected ADFIT in accordance with Cause Nos. 45235 and 45576. The Company agrees to withdraw its proposal in this proceeding to use the Tax Rider to flow through the Corporate Alternative Minimum Tax (CAMT) and Production Tax Credits (PTCs) specifically associated with the Cook Nuclear Facility.
- 9. <u>Subsequent License Renewal Application (SLRA) Project.</u> I&M's SLRA Project will be approved with following modifications:
- 9.1. I&M agrees to limit the costs associated with the SLRA to no more than \$5 million (Indiana Jurisdictional) prior to the submission of the Company's 2024 Integrated Resource Plan (IRP) to the Commission. If the Cook Subsequent License Renewal (SLR)

is not included in the Company's Preferred Portfolio, I&M will be allowed to recover a return of the costs, not to exceed \$5 million, in a future proceeding absent evidence of imprudence. Nothing in this Settlement Agreement limits I&M's ability to seek a reasonable recovery period and return on the deferred balance or the other Settling Parties' ability to challenge any such proposal. If the SLR is included in the Company's Preferred Portfolio, the Company will proceed with the SLRA process and the costs associated with the SLRA will be included as a component of the project(s) necessary to implement the SLR subject to review for reasonableness with the non-I&M Settling Parties reserving all rights to challenge the reasonableness of the amount of SLRA costs and to challenge the means of ratemaking recovery, including whether through a rider or base rates, any proposed amortization period and the appropriate return on any authorized regulatory asset in excess of the initial \$5 million (Indiana Jurisdictional) agreed to in this paragraph.

- 9.2. I&M will provide an update on the progress of the SLRA Project annually until the issuance of the final Director's Report for the 2024 IRP. The annual progress reports will be filed with the Commission as a compliance filing in this docket (subject to the protection of confidential information) unless otherwise directed by the Commission to use a different docket. The annual reports will include the following information:
- 9.2.1 A project status summary on high level milestones achieved during the reporting period.
- 9.2.2 A Level 2 project schedule with key activities and milestones to complete the SLRA with status updates through the reporting period.
- 9.2.3 A breakdown of current spend by period, forecasted spend in the next period, total spend to date, and estimated project percentage completion, in each of the five categories identified in I&M witness Ferneau's testimony in each of the five categories listed below regardless of whether the category is considered complete or "in progress":
  - 9.2.3.1. Primary Architect and Engineering Consultant.
  - 9.2.3.2. Specialty Vendor to Perform Analysis on Reactor Vessel.
  - 9.2.3.3. Specialty Vendor to Develop and Review Environmental Report.
  - 9.2.3.4. Cook Project Management and Support.
  - 9.2.3.5. NRC and Legal Fees.
- 9.2.4 Each report will identify potential risks to project costs and/or project schedule at both the SLRA Project level and in each of the five categories above.
- 9.3. <u>2024 IRP</u>. To facilitate the 2024 IRP modeling and the stakeholder process I&M agrees to the following:

- 9.3.1 <u>Modeling License</u>. I&M agrees to provide up to three executable modeling licenses for use by the IURC, OUCC and CAC during the 2024 IRP stakeholder process and before the 2024 IRP is submitted (i.e. in the first quarter of 2024 for use throughout the stakeholder process until comments on I&M's IRP and the Director's draft report on the IRP). If the IURC elects not to use the license, the third license will be offered to another interested stakeholder, with preference given to a settling party, in Indiana during that same period, assuming no conflicts exist. I&M will also reasonably consider providing other executable modeling licenses, should the request/s arise. I&M will be authorized to defer the costs of these licenses for recovery in its next basic rate proceeding.
- 9.3.2 Schedule of deliverables of data and feedback loop for 2024 IRP and subsequent IRPs. I&M agrees to follow a process of releasing and sharing information using a file sharing site to share information at several points of time throughout the IRP process, according to a schedule predetermined with stakeholders, where information related to the topics being discussed at the public stakeholder meetings will be provided to interested stakeholders. Information will only be shared with those stakeholders with an executed nondisclosure agreement ("NDA") with I&M. The schedule of release dates will include key modeling inputs, such as capital cost information, resource constraints, resource accreditation, modeling of demand side management ("DSM") resources, and then modeling results.
- 9.3.3 Energy Efficiency ("EE"). Following the completion of the Market Potential Study, I&M agrees to work in good faith with CAC and interested stakeholders to define and construct I&M's Indiana EE bundles and levelized costs prior to IRP modeling. For purposes of constructing IRP bundles for its Indiana retail jurisdiction, I&M agrees to use a combination of Realistic Achievable Potential (RAP) and Maximum Achievable Potential (MAP) for C&I and RAP for Residential. The RAP and MAP inputs used for constructing the IRP bundles will include net-to-gross adjustments for savings, and inflation adjustments if necessary to align with the assumptions used in the IRP, and no other adjustments to savings or budget shall be applied unless mutually agreed upon by all parties.
- 9.3.4 <u>Storage</u>. I&M agrees to model longer duration (8-10 hour lithium ion) and potentially multiday storage in the 2024 IRP and will solicit input and feedback from stakeholders on the cost and performance in the stakeholder process prior to modeling.
- 10. <u>Electric Vehicles (EV).</u> I&M agrees to invite CAC, Fort Wayne, the OUCC, and any other interested stakeholders to participate in a stakeholder process to be conducted at least 60 days in advance of I&M's 2024 EV filing to allow time to consider and incorporate feedback into I&M's case-in-chief as I&M deems reasonable to help reduce the number of contested issues in the case, if possible.

# 11. DG Related Issues.

11.1. <u>EDG Reporting</u>. As part of its annual performance metrics report filed in Cause No. 44967, I&M agrees to include monthly data broken down by residential and

non-residential customers regarding EDG tariff and Small Power Production tariff customer participation, including data for each tariff on new and total (a) capacity (kW-ac) installed, (b) number of customers, and (c) size of battery storage system (both kW and kWh) if one is part of the customer's system and that detail is provided to the Company by the customer.

# 11.2. DER Collaboration.

- 11.2.1 I&M agrees to work in good faith with CAC and other interested stakeholders to hold up to four workshop meetings in total during 2024 and 2025 to propose updates to I&M's Indiana interconnection procedures to facilitate distributed generation in I&M's Indiana service territory while ensuring the safety and reliability of the distribution system and compliance with Indiana law and regulation. This includes but is not limited to: streamlining and modernizing the process and interconnection timelines, clarifying the treatment of battery energy storage, considering modifications to the requirement of AC disconnect switches for small inverter-based distributed generation systems, and incorporating industry best practices. This term does not limit I&M's ability to update its interconnect procedures during the pendency of this process.
- 11.2.2 I&M also agrees to work in good faith with CAC, the OUCC, and other interested stakeholders to explore and evaluate implementing the following in I&M's Indiana service territory: Integrated Distribution Planning, Virtual Power Plants, Hosting Capacity Analyses, and a solar+storage or mobile battery storage program and other ideas that could be implemented to specifically help medically vulnerable customers have a source of emergency backup power for essential medical devices. I&M and these stakeholders will use the results of this evaluation to determine if, how, and when formal proposals will be made. The parties will work to conclude these discussions before December 31, 2026.
- 11.2.3 The parties will work in good faith to ensure the above referenced collaboratives do not run in conflict with any Commission initiatives.

# B. Cost of Service and Rate Design.

1. Revenue Allocation. The Settling Parties agree that rates should be designed in order to allocate the revenue requirement to and among I&M's customer classes in a fair and reasonable manner. For settlement purposes, the Settling Parties agree that Settlement Attachment C specifies the revenue allocation agreed to by all Settling Parties. This revenue allocation is determined strictly for settlement purposes and is without reference to any particular, specific cost allocation methodology.

# 2. Streetlighting.

2.1. <u>Streetlighting COS in Next Rate Case</u>: I&M agrees to prepare and provide a class cost-of-service study with the following four streetlighting classes in its next basic rate case: Company-owned (SLS/ECLS), Customer-owned (SLC), Customer-owned - metered (SLCM) and Fort Wayne Streetlighting (FW-SL).

- Fort Wayne Streetlighting Billing/Audit issues: I&M and the City will resolve the discrepancies among I&M's tariff, billing data, and ledger, and the City's streetlight inventory by using the Collector app data. Specifically, the parties will meet within 60 days after issuance of a Commission Order approving this Settlement Agreement to resolve these discrepancies. This data should include, by map section, the light type, size in watts, GPS location, physical location and any other attributes contained in the Collector app. I&M's monthly billing will reflect the agreed upon number of streetlights and sizes owned by the City served by I&M on or before August 31, 2024. Monthly inventory updates, if applicable, will be sent to I&M to maintain billing accuracy, and I&M will implement such updates in a timely manner to be included in the next monthly billing cycle as reasonable. Because the number of streetlights may change periodically throughout a given year, the parties will commit to meet in February and August each year to discuss any changes or issues identified. If either party requests an audit, both parties will conduct an audit together, as needed, in a timely manner, to verify sections of the streetlights owned by the City. I&M will revise and streamline the Fort Wayne Street Lighting tariff attached hereto as Settlement Agreement Attachment D. The City understands and acknowledges that automating the integration of the Collector app data with I&M's legacy Customer Information System (CIS) would be cost-prohibitive. However, within six months of a Final Order approving this Settlement Agreement, I&M will arrange a meeting between the City and I&M's CIS team, which will be sufficiently in advance of the "go live" date of the new CIS system to allow the parties a meaningful opportunity to explore the feasibility and cost estimates for automating the integration of the Collector app data with the new CIS system. The parties agree to consider all cyber security and data security concerns.
- **3.** Grandfathering Current LGS Customers. I&M agrees to revise the proposed eligibility language for Tariff LGS to grandfather existing customers under the current eligibility requirements of an annual maximum demand of 60 kW or greater. The proposed Availability of Service for Tariff L.G.S. would read as follows:

Available for general service customers. Customers may continue to qualify for service under this tariff until their 12-month average metered demand exceeds 1,000 kW. Customers requesting service under Tariff L.G.S. on and after [insert date of Cause No. 45933 Order] must have a 12-month average metered demand of 60 kW or greater. Customers that qualified for Tariff L.G.S. prior to [insert date of Cause No. 45933 Order] may remain on Tariff L.G.S. until their 12-month average metered demand exceeds 1,000 kW or they elect to leave Tariff L.G.S.

**4.** <u>Tariff IP</u>. The Tariff IP kVAr credit proposed by IG witness Dauphinais will be implemented as agreed to and modified by, the rebuttal testimony of I&M witness Fischer.

# 5. Residential Service.

5.1. <u>Monthly Fixed Charge</u>. The Settling Parties agree that I&M's standard residential tariff service charge will be \$15.00 per month. The Settling Parties agree the monthly service charge for Rate RS-TOD and Rate RS-TOD2 will be \$15.00 per month.

- 5.2. <u>Multi-Family Rate Proposal</u>. Following full deployment of AMI, I&M will collect data for one year and analyze cost differentials between single- and multi-family residential customers. I&M will solicit input from the CAC and other interested Settling Parties on sample size for the data collection and the scope of analysis. The cost of the supporting analysis will be limited to no more than \$50,000, excluding internal labor. I&M will consider a new multi-family rate for qualifying residential customers in its next basic rate case filing following the completion of this analysis. In advance of such rate case filing, I&M will offer to meet with CAC and other interested Settling Parties to discuss a potential multi-family rate and will also provide CAC and any other interested Settling Party with the results of the Company's analysis.
- 5.3. Residential LIHEAP Customer Late Payment Charge. I&M agrees that, once in each half calendar year, at the request of the customer who received LIHEAP assistance within the last twelve months, the Company will waive the late payment charge on a delinquent bill, provided payment is tendered not later than the last date for payment of net amount of the next succeeding month's bill.
- 5.4. <u>Residential Service Disconnections</u>. With respect to disconnections for non-payment, I&M agrees not to disconnect service for any residential customer on Fridays, Saturdays, Sundays and Holidays (New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, December 24, and Christmas Day).
- **6.** <u>Contribution</u>. I&M agrees to provide Indiana Community Action Association with \$200,000 in both 2024 and 2025 to assist low income customers. I&M's revenue deficiency in this Cause will not be adjusted to include the incremental costs of this contribution.

# 7. Remaining Issues.

- 7.1. Solely as a matter of compromise, the Settling Parties agree that the new basic rates approved by the Commission will be implemented by the Company on a service rendered basis on or after the date the Commission approves the new tariff following the Company's compliance filing in this proceeding.
- 7.2. Any matters not addressed by this Settlement Agreement will be adopted as proposed by I&M in its direct and rebuttal case.
- 7.3. The Settling Parties agree to work cooperatively on news releases and/or other announcements to the public about this Settlement Agreement.

# II. <u>PRESENTATION OF THE SETTLEMENT AGREEMENT TO THE COMMISSION.</u>

- A. The Settling Parties shall support this Settlement Agreement before the Commission and request that the Commission expeditiously accept and approve the Settlement Agreement.
- B. The Settling Parties may file testimony specifically supporting the Settlement Agreement. The Settling Parties agree to provide each other with an opportunity to review drafts of testimony supporting the Settlement Agreement and to consider the input of the other Settling Parties. Such evidence, together with the evidence previously prefiled in this Cause will be offered into evidence without objection and the Settling Parties hereby waive cross-examination of each other's witnesses. The Settling Parties propose to submit this Settlement Agreement and related evidence conditionally, and if the Commission fails to approve this Settlement Agreement in its entirety without any change or condition(s) unacceptable to any Settling Party, the Settlement and supporting evidence shall be withdrawn, and the Commission will continue to hear this Cause with the proceedings resuming at the point they were suspended by the filing of this Settlement Agreement.
- C. A Commission Order approving this Settlement Agreement shall be effective immediately, and the agreements contained herein shall be unconditional, effective and binding on all Settling Parties as an Order of the Commission.

# III. <u>EFFECT AND USE OF SETTLEMENT AGREEMENT</u>.

A. It is understood that this Settlement Agreement is reflective of a negotiated settlement and neither the making of this Settlement Agreement nor any of its provisions shall constitute an admission by any Settling Party in this or any other litigation or proceeding except

to the extent necessary to implement and enforce its terms. It is also understood that each and every term of this Settlement Agreement is in consideration and support of each and every other term.

- B. Neither the making of this Settlement Agreement (nor the execution of any of the other documents or pleadings required to effectuate the provisions of this Settlement Agreement), nor the provisions thereof, nor the entry by the Commission of a Final Order approving this Settlement Agreement, shall establish any principles or legal precedent applicable to Commission proceedings other than those resolved herein.
- C. This Settlement Agreement shall not constitute and shall not be used as precedent by any person or entity in any other proceeding or for any other purpose, except to the extent necessary to implement or enforce this Settlement Agreement.
- D. This Settlement Agreement is solely the result of compromise in the settlement process and except as provided herein, is without prejudice to and shall not constitute a waiver of any position that any Settling Party may take with respect to any or all of the items resolved here and in any future regulatory or other proceedings.
- E. The Settling Parties agree the evidence in support of this Settlement Agreement constitutes substantial evidence sufficient to support this Settlement Agreement and provides an adequate evidentiary basis upon which the Commission can make any findings of fact and conclusions of law necessary for the approval of this Settlement Agreement, as filed. The Settling Parties shall prepare and file an agreed proposed order with the Commission as soon as reasonably possible after the filing of this Settlement Agreement and the final evidentiary hearing.

- F. The communications and discussions during the negotiations and conferences and any materials produced and exchanged concerning this Settlement Agreement all relate to offers of settlement and shall be confidential, without prejudice to the position of any Settling Party, and are not to be used in any manner in connection with any other proceeding or otherwise.
- G. The undersigned Settling Parties have represented and agreed that they are fully authorized to execute the Settlement Agreement on behalf of their respective clients, and their successor and assigns, which will be bound thereby.
- H. The Settling Parties shall not appeal or seek rehearing, reconsideration or a stay of the Commission Order approving this Settlement Agreement in its entirety and without change or condition(s) unacceptable to any Settling Party (or related orders to the extent such orders are specifically implementing the provisions of this Settlement Agreement).
- I. The provisions of this Settlement Agreement shall be enforceable by any Settling Party upon approval and incorporation into a Final Order first before the Commission and thereafter in any state court of competent jurisdiction as necessary.
- J. This Settlement Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

# ACCEPTED AND AGREED AS OF THE 20TH DAY OF DECEMBER, 2023.

INDIANA MICHIGAN POWER COMPANY

Steven F. Baker

I&M President and Chief Operating Officer Indiana Michigan Power Center

Fort Wayne, Indiana 46802

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# WABASH VALLEY POWER ASSOCIATION, INC. D/B/A WABASH VALLEY POWER ALLIANCE

Jeremy L. Fetty

J. Michael Deweese

Leah Robyn Zoccola

PARR RICHEY

251 N. Illinois Street, Suite 1800

Indianapolis, IN 46204

Rate Base Adjustments (No Rounding)           Increase Storm Reg Asset         6,077           Reduce Distribution Accumulated Depreciation         15,218           Remove Power Pay Net Plant         (378)           Adjusted Rate Base (With Rounding)         5,444,600           Return on Rate Base Impacts (With Rounding)         2,1000           Return on Equity ("ROE")         9,85%           ROE @ Settlement         (21,000)           NOL         (5,800)           GRCF         (500)           Rate Base Changes         1,700           Changes to Return on Rate Base         (25,600)           O&M Impacts (With Rounding)         (25,600)           NOL Impact to Tax Expense         (3,900)           Other Expense         (3,900)           Other Expense         (5,600)           Nuclear Decommission Exp         (2,000)           Distribution Depreciation Expense         (15,800)           Reduce Storm Expense Amortization         (6,100)           Increase Ongoing Storm Expense in Base Rates         (1,600)           Misc IT Adjustments         (900)           Remove Power Pay Expense Reduction         (700)           Change in Ongoing Revenue Requirement**         (59,500)           Phase I I Items		Indiana <u>Jurisdictional</u>
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Reduce Storm Expense Amortization Increase Ongoing Storm Expense in Base Rates Misc IT Adjustments (900) Remove Power Pay Expense Amortization Additional Tax Expense Reduction (700) Changes to O&M (33,900)  Change in Ongoing Revenue Requirement * (59,500)  Phase I Items (With Rounding) As filed Revenue Requirement** (59,500) Phase-In Credit (34,200) Annual Change to Phase I Revenue Requirement* 22,700  Phase II Items (With Rounding) As filed Revenue Requirement* (59,500) Phase-In Credit (34,200) Annual Change to Phase I Revenue Requirement* (59,500) Phase II Items (With Rounding) As filed Revenue Requirement* (59,500) Change in Ongoing Revenue Requirement*	·	· · · · · · · · · · · · · · · · · · ·
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Misc IT Adjustments Remove Power Pay Expense Amortization Additional Tax Expense Reduction Changes to O&M  Changes to O&M  (33,900)  Change in Ongoing Revenue Requirement * (59,500)  Phase I Items (With Rounding) As filed Revenue Requirement** Change in Ongoing Revenue Requirement* (59,500) Phase-In Credit (34,200) Annual Change to Phase I Revenue Requirement* 22,700  Phase II Items (With Rounding) As filed Revenue Requirement** (59,500) Change in Ongoing Revenue Requirement* (59,500) Revenue Requirement* (59,500)	·	· · · · · · · · · · · · · · · · · · ·
Remove Power Pay Expense Amortization Additional Tax Expense Reduction  Changes to O&M  (33,900)  Change in Ongoing Revenue Requirement *  (59,500)  Phase I Items (With Rounding) As filed Revenue Requirement** Change in Ongoing Revenue Requirement* (59,500) Phase-In Credit (34,200)  Annual Change to Phase I Revenue Requirement* 22,700  Phase II Items (With Rounding) As filed Revenue Requirement** Change in Ongoing Revenue Requirement* (59,500)  Annual Change to Phase I Revenue Requirement* (59,500)	e e e	
Additional Tax Expense Reduction (700)  Changes to O&M (33,900)  Change in Ongoing Revenue Requirement * (59,500)  Phase I Items (With Rounding)  As filed Revenue Requirement** 116,400 Change in Ongoing Revenue Requirement* (59,500) Phase-In Credit (34,200)  Annual Change to Phase I Revenue Requirement* 22,700  Phase II Items (With Rounding)  As filed Revenue Requirement** 116,400 Change in Ongoing Revenue Requirement* (59,500)	· · · · · · · · · · · · · · · · · · ·	
Change in Ongoing Revenue Requirement * (59,500)  Phase I Items (With Rounding)  As filed Revenue Requirement** 116,400 Change in Ongoing Revenue Requirement* (59,500) Phase-In Credit (34,200)  Annual Change to Phase I Revenue Requirement* 22,700  Phase II Items (With Rounding)  As filed Revenue Requirement** 116,400 Change in Ongoing Revenue Requirement* (59,500)		* *
Change in Ongoing Revenue Requirement * (59,500)  Phase I Items (With Rounding)  As filed Revenue Requirement** 116,400 Change in Ongoing Revenue Requirement* (59,500) Phase-In Credit (34,200)  Annual Change to Phase I Revenue Requirement* 22,700  Phase II Items (With Rounding)  As filed Revenue Requirement** 116,400 Change in Ongoing Revenue Requirement* (59,500)	·	,
Phase I Items (With Rounding)As filed Revenue Requirement**116,400Change in Ongoing Revenue Requirement*(59,500)Phase-In Credit(34,200)Annual Change to Phase I Revenue Requirement*22,700Phase II Items (With Rounding)116,400As filed Revenue Requirement**116,400Change in Ongoing Revenue Requirement*(59,500)	Changes to O&M	(33,900)
As filed Revenue Requirement**  Change in Ongoing Revenue Requirement*  (59,500)  Phase-In Credit  Annual Change to Phase I Revenue Requirement*  22,700  Phase II Items (With Rounding)  As filed Revenue Requirement**  116,400  Change in Ongoing Revenue Requirement*  (59,500)	Change in Ongoing Revenue Requirement *	(59,500)
Change in Ongoing Revenue Requirement* (59,500) Phase-In Credit (34,200)  Annual Change to Phase I Revenue Requirement* 22,700  Phase II Items (With Rounding) As filed Revenue Requirement** 116,400 Change in Ongoing Revenue Requirement* (59,500)		
Phase-In Credit (34,200)  Annual Change to Phase I Revenue Requirement* 22,700  Phase II Items (With Rounding)  As filed Revenue Requirement** 116,400 Change in Ongoing Revenue Requirement* (59,500)	·	•
Annual Change to Phase I Revenue Requirement*  22,700  Phase II Items (With Rounding)  As filed Revenue Requirement** Change in Ongoing Revenue Requirement* (59,500)		,
Phase II Items (With Rounding)  As filed Revenue Requirement** Change in Ongoing Revenue Requirement* (59,500)		
As filed Revenue Requirement** 116,400 Change in Ongoing Revenue Requirement* (59,500)	Annual Change to Phase I Revenue Requirement*	22,700
As filed Revenue Requirement** 116,400 Change in Ongoing Revenue Requirement* (59,500)	Phase II Items (With Rounding)	
Change in Ongoing Revenue Requirement* (59,500)		116 400

<sup>\*</sup> Prior to updated Transmission Costs, Revenues and change in Rider Revenues as summarized on Settlement Attachment B

<sup>\*\*</sup> Total Rate Change net of Transmission Costs, Revenues and change in Rider Revenues

# INDIANA MICHIGAN POWER COMPANY INDIANA JURISDICTIONAL PROJECTED REQUIRED RATE RELIEF SUMMARY FOR THE TEST YEAR ENDED DECEMBER 31, 2024

(1) (2) (3) (4) (5) (6)

Line No.	Description	Source	Indiana Indiana Jurisdictional Jurisdictional Settlement As-Filed Variance
1	Adjusted Original Cost Rate Base	Exhibit A-6	\$ 5,444,606,117 \$ 5,423,706,117 \$ 20,900,000
2	Required Rate of Return	Exhibit A-7	6.12% 6.49%
3	Income Requirement	Line 1 x Line 2	\$ 333,209,894 \$ 351,998,527 \$ (18,788,633)
4	Less: Net Electric Operating Income	Exhibit A-5	\$ 284,835,850 \$ 259,164,385 \$ 25,671,465
5	Income Deficiency	Line 3 - Line 4	\$ 48,374,045 \$ 92,834,142 \$ (44,460,097)
6	Gross Revenue Conversion Factor	Exhibit A-8	1.3358 1.3372
7	Jurisdictional Revenue Deficiency	Line 5 x Line 6	\$ 64,618,049 \$ 124,137,815 \$ (59,519,766)
8	Remove Transmission Owner Costs, Revenues	Attachment JLF-1	\$ (2,773,080) \$ (8,237,860) \$ 5,464,780
9	Total Required Rate Relief Before Phase-In Credit	Line 7 + Line 8	\$ 61,844,969 \$ 115,899,955 \$ (54,054,986)
10	Less: Current Revenue for Ongoing Riders	Attachment JLF-2	\$ (382,250,710) \$ (382,250,710) \$ 0
11	Plus: Proposed Rider Revenue	Attachment JLF-2	\$ 382,226,108 \$ 382,726,978 \$ (500,870)
12	Total Rate Change Before Phase-In Credit	Line 9 + Line 10 + Line 11	\$ 61,820,367 \$ 116,376,223 \$ (54,555,856)
13	Forecasted Revenues Before Increase	Attachment JLF-2	\$ 1,710,991,831 \$ 1,710,991,831
14	Percent Increase	Line 12 / Line 13	3.61% 6.80%
15	Phase-In Credit	Attachment JCD-2	\$ (34,205,275) <b>\$</b> (32,692,077) <b>\$</b> (1,513,198)
16	Total Rate Change During Phase-In	Line 12 + Line 15	\$ 27,615,092 \$ 83,684,146 \$ (56,069,054)
17	Percent Increase	Line 16 / Line 13	1.61% 4.89%

# Indiana Michigan Power Company - Cause Number 45933 Settlement Agreement Attachment C Revenue Allocation Summary

	Settlement Revenue	Allocation by Class
	\$ Increase	% Increase
RS	27,862,101	5.19%
GS	7,947,036	3.18%
LGS	15,228,619	3.93%
IP	8,447,333	1.24%
MS	100,394	5.13%
WSS	652,311	4.91%
IS	22,369	4.83%
EHG	26,737	5.13%
OL	271,034	5.13%
SL	211,885	5.14%
Total	60,769,820	3.83%

Interruptible Revenue and Rider Changes

1,050,547

**Total Rate Change** 

61,820,367

Indiana Michigan Power Company Witness: Kurt C. Cooper Attachment KCC-4 Page 67 of 165

I.U.R.C. NO. 20 INDIANA MICHIGAN POWER COMPANY STATE OF INDIANA ORIGINAL SHEET NO. 32

# TARIFF F.W. - S.L. (Fort Wayne Streetlighting - Customer Owned and Maintained System)

#### Availability of Service.

Available to the City of Fort Wayne, Indiana, for energy supplied through the streetlighting system that is owned and maintained by the Municipality.

Rate. (Tariff Code 525)

3.506¢ per kWh.

#### Applicable Riders.

Monthly charges computed under this tariff shall be adjusted in accordance with the applicable Commission-approved rider(s) listed on Sheet No. 44.

#### Payment.

Bills will be rendered monthly and will be due and payable on the 15th day of each month succeeding that in which the service is rendered.

#### Ledger.

A written ledger shall be maintained in the collector app and shared by the Company and the City by the Company specifying the type, wattage, number, and location of lamps on the customer's streetlighting system. The customer shall be responsible for advising the Company of any changes affecting the type, wattage, number, and location of lamps in service that occur during the billing period.

The customer and Company will reconcile the total street lighting ledger annually and correct any known billing discrepancies. The annual reconciliation is to occur during the first billing period of each calendar year. Additionally, the customer and Company will mutually conduct annual field audits covering at least 5% of the total street lighting served under this tariff. Each year the area audited will change until the entire service area is reviewed. Discrepancies that are discovered during this audit will be corrected effective to the known date of error but in no case will this correction exceed one year.

(Cont'd on Sheet No. 32.1)

ISSUED BY STEVEN F. BAKER PRESIDENT FORT WAYNE, INDIANA EFFECTIVE FOR ELECTRIC SERVICE RENDERED ON OR AFTER

Indiana Michigan Power Company Witness: Kurt C. Cooper Attachment KCC-4 Page 68 of 165

I.U.R.C. NO. 20 INDIANA MICHIGAN POWER COMPANY STATE OF INDIANA **ORIGINAL SHEET NO. 32.1** 

#### TARIFF F.W. - S.L.

(Fort Wayne Streetlighting - Customer Owned and Maintained System)
(Cont'd from Sheet No. 32)

#### Determination of Energy.

The kWh quantity used for each month for each lamp shall be determined by multiplying the lamp wattage by the number of hours of monthly operation shown for the particular month in from the following table, divided by 1,000. The kWh used by lamps rated at values differing from those included in the following table shall be determined and added to the list as appropriate.

TOTAL MONTHLY ENERGY CONSUMPTION IN KILOWATT HOURS PER SINGLE LAMP-STREETLIGHTS (S), OUTDOOR LIGHTS (O)

ALL NIGHT LAMPS(MONTHLY ADJUSTED HOURS OF FOR PHOTOCELL OPERATION TO TOTAL 4,000 HOUR OPERATION PER YEAR)

Month	No. of Hours
<u>Jan</u>	<u>429</u>
<u>Feb</u>	<u>350</u>
<u>Mar</u>	<u>349</u>
<u>Apr</u>	<u>299</u>
<u>May</u>	<u>259</u>
<u>Jun</u>	<u>240</u>
<u>Jul</u>	<u>249</u>
<u>Aug</u>	<u>289</u>
<u>Sep</u>	<u>329</u>
<u>Oct</u>	<u>379</u>
Nov	<u>399</u>
<u>Dec</u>	<u>429</u>
<u>Total</u>	<u>4,000</u>

TYPE OF LAMP AND APPROXIMATE LUMENS <sup>†</sup>	TOTAL WATTS	CANDLE POWER _		<u>EB N</u>			<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>
INCANDESCENT														
1,000 Lumens (S)	<del>92</del>	<del>100</del>	<del>39</del>	<del>32</del>	<del>32</del>	<del>28</del>	<del>25</del>	22	<del>24</del>	<del>27</del>	<del>29</del>	<del>35</del>	<del>36</del>	<del>39</del>
<del>2,500 Lumens (S,O)</del>	<del>189</del>	250 (Cont'd	79 on Shee	67 et No.	<del>67</del>	<del>57</del>	<del>51</del>	45	48	<del>55</del>	60	71	<del>75</del>	81

ISSUED BY STEVEN F. BAKER PRESIDENT FORT WAYNE, INDIANA EFFECTIVE FOR ELECTRIC SERVICE RENDERED ON OR AFTER

ISSUED UNDER AUTHORITY OF THE INDIANA UTILITY REGULATORY COMMISSION

DATED IN CAUSE NO.

SODIUM VA	POR														
<del>3,600 L</del>	4,000 L	50W (S)	66	<del>28</del>	23	<del>23</del>	<del>20</del>	<del>18</del>	<del>16</del>	<del>17</del>	<del>19</del>	<del>21</del>	<del>25</del>	<del>26</del>	28
<del>5,000 L</del>	6,000 L	70W (S,O)	<del>86</del>	<del>36</del>	<del>30</del>	<del>30</del>	<del>26</del>	<del>23</del>	<del>21</del>	22	<del>25</del>	<del>28</del>	<del>32</del>	34	<del>37</del>
<del>8,550 L</del>	9,500 L	100W (S,O)	<del>121</del>	<del>51</del>	43	43	<del>36</del>	32	<del>29</del>	31	35	39	45	48	<del>52</del>
14,400	L 16,000 L	150W (S,O)	<del>176</del>	74	<del>62</del>	<del>62</del>	<del>53</del>	47	42	45	<del>51</del>	<del>57</del>	66	<del>70</del>	<del>75</del>
24,750	L 27,500 L	250W (S,O)	309	<del>130</del>	<del>109</del>	<del>109</del>	93	83	74	<del>79</del>	90	99	<del>116</del>	<del>122</del>	<del>132</del>
45,000	£ 50,000 £	400W (S,O)	<del>500</del>	<del>210</del>	<del>176</del>	<del>176</del>	<del>150</del>	134	<del>120</del>	<del>128</del>	146	<del>160</del>	188	<del>198</del>	214
99,000	L 110,000 L	750W (S) <sup>2</sup>	<del>827</del>	<del>315</del>	<del>26</del> 4	<del>26</del> 4	225	<del>201</del>	<del>180</del>	<del>192</del>	<del>219</del>	<del>240</del>	<del>282</del>	<del>297</del>	<del>321</del>
METAL HAL	IDE														
8,750 L	10,500 L	100W (O)	<del>156</del>	<del>67</del>	<del>55</del>	<del>55</del>	47	41	<del>37</del>	39	45	<del>51</del>	<del>59</del>	63	<del>67</del>
<del>10,800</del>	L 14,000 L	<del>175W (O)</del>	<del>216</del>	91	<del>76</del>	<del>76</del>	<del>65</del>	<del>58</del>	<del>52</del>	<del>55</del>	63	69	81	86	<del>92</del>
<del>17,000</del>	L 20,500 L	250W (O)	<del>301</del>	<del>127</del>	<del>106</del>	<del>106</del>	90	81	<del>72</del>	77	88	96	113	<del>119</del>	<del>129</del>
28,800	L 36,000 L	400W (O)	474	<del>199</del>	<del>167</del>	<del>167</del>	<del>142</del>	127	114	<del>121</del>	<del>138</del>	<del>152</del>	<del>178</del>	<del>188</del>	<del>203</del>
LED															
<del>(S,O)</del>			4	4	4	4	4	4	4	4	4	4	4	4	4
<del>(S,O)</del>			2	4	4	4	4	4	4	4	4	4	4	4	4
<del>(S,O)</del>			3	4	4	4	4	4	4	4	4	4	4	4	4
<del>(S,O)</del>			4	2	4	4	4	4	4	4	4	4	2	2	2
<del>(S,O)</del>			5	2	2	2	2	4	4	4	4	2	2	2	2
<del>(S,O)</del>			6	3	2	2	2	2	4	2	2	2	2	2	3
<del>(S,O)</del>			7	3	2	2	2	2	2	2	2	2	3	3	3
<del>(S,O)</del>			8	3	3	3	2	2	2	2	2	3	3	3	3
<del>(S,O)</del>			9	4	3	3	3	2	2	2	3	3	3	4	4
<del>(S,O)</del>			<del>10</del>	4	4	4	3	3	2	3	3	3	4	4	4
<del>(S,O)</del>			<del>11</del>	5	4	4	3	3	3	3	3	4	4	4	5

(Cont'd on Sheet No.

ISSUED BY STEVEN F. BAKER PRESIDENT FORT WAYNE, INDIANA EFFECTIVE FOR ELECTRIC SERVICE RENDERED ON OR AFTER

ORIGINAL SHEET NO. 32.2

I.U.R.C. NO. 20 INDIANA MICHIGAN POWER COMPANY STATE OF INDIANA

# TARIFF F.W. - S.L. (Fort Wayne Streetlighting - Customer Owned and Maintained System)

APPROX MATE LUMENS    WATTS   POWER JAN   FEB   MAR   APR   MAY   JUN   JUN   AUG   SEP   OCT   NOV	DEC
(\$\circ{\mathcal{G}}{\mathcal{G}}\$)	5
(S,O)       15       6       5       5       5       4       4       4       4       5       6       6         (S,O)       16       7       6       6       5       4       4       4       5       5       6       6         (S,O)       17       7       6       6       5       4       4       4       5       6       6       7         (S,O)       18       8       6       6       5       5       4       5       5       6       7       7         (S,O)       19       8       7       7       6       5       5       5       5       6       7       8       8         (S,O)       20       9       7       7       6       5       5       5       6       7       8       8         (S,O)       21       9       7       7       6       5       5       6       7       8       8         (S,O)       22       9       8       8       7       6       6       5       6       7       7       9       9         (S,O)       23 <td< td=""><td>6</td></td<>	6
(S,O)       16       7       6       6       5       4       4       4       5       5       6       6         (S,O)       17       7       6       6       5       4       4       4       5       6       6       7         (S,O)       18       8       6       6       5       5       4       5       5       6       7       7         (S,O)       19       8       7       7       6       5       5       5       5       6       7       8       8         (S,O)       20       9       7       7       6       5       5       5       6       7       8       8         (S,O)       21       9       7       7       6       6       5       5       6       7       8       8         (S,O)       22       9       8       8       7       6       5       6       7       7       9       9         (S,O)       23       10       8       8       7       6       6       6       7       8       9       10         (S,O)       25       <	6
(\$.0)	6
(S,O)	7
(\$\begin{array}{c} \begin{array}{c} \begin{array} \begin{array}{c} \begin{array}{c} \begin{array}{c}	7
(\$\begin{array}{cccccccccccccccccccccccccccccccccccc	8
(S,O)       21       9       7       7       6       6       5       5       6       7       8       8         (S,O)       22       9       8       8       7       6       5       6       6       7       7       9       9         (S,O)       23       10       8       8       7       6       5       6       7       7       9       9         (S,O)       24       10       8       8       7       6       6       6       7       8       9       10         (S,O)       25       11       9       9       8       7       6       6       7       8       9       10         (S,O)       26       11       9       9       8       7       6       7       8       9       10       11         (S,O)       27       12       9       9       8       7       6       7       8       9       10       11         (S,O)       28       12       10       10       8       7       7       8       9       11       11         (S,O)       30	8
(S,O)	9
(S,O) 23	9
(S,O) 24 10 8 8 7 6 6 6 7 8 9 10 (S,O) (S,O) 25 11 9 9 8 7 6 6 6 7 8 9 10 10 (S,O) (S,O) 26 11 9 9 8 7 6 7 7 8 9 10 11 (S,O) (S,O) 27 12 9 9 8 7 6 7 8 9 10 11 (S,O) 28 12 10 10 8 7 7 7 8 9 11 11 (S,O) 29 12 10 10 9 8 7 7 8 9 11 11 (S,O) 30 13 11 11 19 8 7 8 9 10 11 12 (S,O) 31 13 11 11 19 8 7 8 9 10 12 12 (S,O) 32 14 11 11 9 8 8 8 8 9 10 12 13 14 (S,O) 33 14 12 12 12 10 9 8 8 10 11 12 13 (S,O) 31 31 31 41 12 12 12 10 9 8 9 10 11 13 14 (S,O) 31 31 31 31 31 31 31 31 31 31 31 31 31	9
(S,O)       25       11       9       9       8       7       6       6       7       8       9       40         (S,O)       26       11       9       9       8       7       6       7       7       8       10       40         (S,O)       27       12       9       9       8       7       6       7       8       9       10       11         (S,O)       28       12       10       10       8       7       7       7       8       9       11       11         (S,O)       29       12       10       10       9       8       7       7       8       9       11       12         (S,O)       30       13       11       11       9       8       7       8       9       10       11       12         (S,O)       31       13       11       11       9       8       8       9       10       12       12         (S,O)       32       14       11       10       8       8       8       9       10       11       13       14         (S,O)       33	<del>10</del>
(S,O)       26       11       9       9       8       7       6       7       7       8       10       11       11       12 </td <td><del>10</del></td>	<del>10</del>
(S,O)     27     12     9     9     8     7     6     7     8     9     10     11       (S,O)     28     12     10     10     8     7     7     7     8     9     11     11       (S,O)     29     12     10     10     9     8     7     7     8     9     11     12       (S,O)     30     13     11     11     9     8     7     8     9     10     11     12       (S,O)     31     13     11     11     9     8     7     8     9     10     12     12       (S,O)     32     14     11     10     8     8     8     9     10     12     13       (S,O)     33     14     12     12     10     9     8     8     10     11     12     13       (S,O)     34     14     12     12     10     9     8     9     10     11     13     14       (S,O)     35     15     12     12     11     9     8     9     10     11     13     14	<del>11</del>
(S,O) 28 12 10 10 8 7 7 7 8 9 11 11 (S,O) 29 12 10 10 9 8 7 7 8 9 11 12 (S,O) 30 13 11 11 9 8 7 8 9 10 11 12 (S,O) 31 13 11 11 9 8 7 8 9 10 11 12 (S,O) 32 14 11 11 10 8 8 8 8 9 10 12 12 (S,O) 33 14 12 12 10 9 8 8 8 10 11 12 13 (S,O) 33 14 12 12 12 10 9 8 8 10 11 12 13 (S,O) 34 14 12 12 12 10 9 8 9 10 11 13 14 (S,O) 35 15 12 12 11 9 8 9 10 11 13 14	44
(S,O) 29 12 10 10 9 8 7 7 8 9 11 12 (S,O) 30 13 11 11 9 8 7 8 9 10 11 12 (S,O) 31 13 11 11 9 8 7 8 9 10 11 12 12 (S,O) 32 14 11 11 10 8 8 8 8 9 10 12 13 (S,O) 33 14 12 12 10 9 8 8 10 11 12 13 (S,O) 34 14 12 12 10 9 8 9 10 11 13 14 (S,O) 35 15 12 12 11 9 8 9 10 11 13 14	<del>12</del>
(S,O) 30 13 11 11 9 8 7 8 9 10 11 12 12 (S,O) 31 13 11 11 10 8 8 7 8 9 10 12 12 (S,O) 32 14 11 11 10 8 8 8 9 10 12 13 (S,O) 33 14 12 12 10 9 8 8 10 11 12 13 (S,O) 34 14 12 12 10 9 8 9 10 11 13 14 (S,O) 35 15 12 12 11 9 8 9 10 11 13 14	<del>12</del>
(S,O)     31     13     11     11     9     8     7     8     9     10     12     12       (S,O)     32     14     11     11     10     8     8     8     9     10     12     13       (S,O)     33     14     12     12     10     9     8     8     10     11     12     13       (S,O)     34     14     12     12     10     9     8     9     10     11     13     14       (S,O)     35     15     12     12     11     9     8     9     10     11     13     14	<del>12</del>
(S,O)     32     14     11     10     8     8     9     10     12     13       (S,O)     33     14     12     12     10     9     8     8     10     11     12     13       (S,O)     34     14     12     12     10     9     8     9     10     11     13     14       (S,O)     35     15     12     12     11     9     8     9     10     11     13     14	<del>13</del>
(S,O) 33 14 12 12 10 9 8 8 10 11 12 13 (S,O) 34 14 12 12 10 9 8 9 10 11 13 14 (S,O) 35 15 12 12 11 9 8 9 10 11 13 14	<del>13</del>
(S,O) 34 14 12 12 10 9 8 9 10 11 13 14 (S,O) 35 15 12 12 11 9 8 9 10 11 13 14	<del>14</del>
<del>(S,O)</del> 35 45 42 42 41 9 8 9 40 41 43 44	<del>14</del>
	<del>14</del>
(SO) 36 45 13 13 14 Q Q Q 10 12 14 14	<del>15</del>
(0,0)	<del>15</del>
( <del>S,O)</del> 37 16 13 13 11 10 9 9 11 12 14 15	<del>16</del>
( <del>S,O)</del> 38 16 13 13 11 10 9 10 11 12 14 15	<del>16</del>
( <del>S,O)</del> 39 17 14 14 12 10 9 10 11 13 15 16	<del>17</del>
( <del>S,O)</del> 40 17 14 14 12 11 10 10 12 13 15 16	<del>17</del>
( <del>S,0)</del> 41 17 14 14 12 11 10 10 12 13 15 16	<del>17</del>
( <del>S,0)</del> 42 18 15 13 11 10 11 12 14 16 17	<del>18</del>
<del>(S,O)</del> 43 18 15 15 13 11 10 11 12 14 16 17	<del>18</del>
( <del>S,O)</del> 44 19 15 15 13 12 10 11 13 14 17 18	<del>19</del>
( <del>S,O)</del> 45 19 16 16 14 12 11 11 13 15 17 18	<del>19</del>
( <del>S,O)</del> 46 20 16 16 14 12 11 12 13 15 17 18	<del>20</del>
( <del>S,O)</del> 47 20 17 17 14 12 11 12 14 15 18 19	<del>20</del>
( <del>S,O)</del> 48 20 17 17 14 13 11 12 14 16 18 19	<del>20</del>
( <del>S,O)</del> 49 21 17 17 15 13 12 12 14 16 18 20	<del>21</del>
( <del>S,O)</del> 50 21 18 18 15 13 12 13 14 16 19 20	<del>21</del>
( <del>S,O)</del> 51 22 18 18 15 13 12 13 15 17 19 20	22
( <del>S,O)</del> 52 22 18 18 16 14 12 13 15 17 20 21	<del>22</del>
( <del>S,O)</del> 53 23 19 19 16 14 13 13 15 17 20 21	23
( <del>S,O)</del> 54 23 19 19 16 14 13 14 16 18 20 22	<del>23</del>

(Cont'd on Sheet No.

ISSUED BY STEVEN F. BAKER PRESIDENT FORT WAYNE, INDIANA EFFECTIVE FOR ELECTRIC SERVICE RENDERED ON OR AFTER

ORIGINAL SHEET NO. 32.3

I.U.R.C. NO. 20 INDIANA MICHIGAN POWER COMPANY STATE OF INDIANA

# TARIFF F.W. - S.L. (Fort Wayne Streetlighting - Customer Owned and Maintained System)

TYPE OF LAMP AND APPROX MATE LUMENS <sup>1</sup>	TOTAL WATTS	CANDLE POWER JAN	<u>FEB</u>	MAR	<u>APR</u>	MAY	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	SEP	OCT	NOV	DEC
(S,O)	55	23	19	19	17	14	<del>13</del>	14	16	18	21	22	<del>23</del>
<del>(S,O)</del>	<del>56</del>	24	20	20	<del>17</del>	<del>15</del>	<del>13</del>	14	<del>16</del>	<del>18</del>	21	22	24
<del>(S,O)</del>	<del>57</del>	<del>2</del> 4	<del>20</del>	<del>20</del>	<del>17</del>	<del>15</del>	14	14	<del>16</del>	<del>19</del>	<del>21</del>	<del>23</del>	24
(S,O)	<del>58</del>	25	20	20	<del>17</del>	<del>15</del>	<del>14</del>	<del>15</del>	17	<del>19</del>	22	23	<del>25</del>
( <del>S,O)</del>	<del>59</del>	25	21	21	<del>18</del>	<del>16</del>	<del>14</del>	<del>15</del>	<del>17</del>	<del>19</del>	22	<del>2</del> 4	<del>25</del>
( <del>S,O)</del>	<del>60</del>	26	21	21	<del>18</del>	<del>16</del>	<del>14</del>	<del>15</del>	17	<del>20</del>	23	<del>2</del> 4	26
( <del>S,O)</del>	<del>61</del>	<del>26</del>	21	21	<del>18</del>	<del>16</del>	<del>15</del>	<del>15</del>	<del>18</del>	<del>20</del>	<del>23</del>	<del>2</del> 4	26
(S,O)	<del>62</del>	<del>26</del>	22	22	<del>19</del>	<del>16</del>	<del>15</del>	<del>16</del>	<del>18</del>	<del>20</del>	23	<del>25</del>	<del>26</del>
(S,O)	<del>63</del>	<del>27</del>	22	22	<del>19</del>	<del>17</del>	<del>15</del>	<del>16</del>	<del>18</del>	21	<del>2</del> 4	<del>25</del>	27
<del>(S,O)</del>	64	<del>27</del>	22	22	<del>19</del>	<del>17</del>	<del>15</del>	<del>16</del>	<del>18</del>	<del>21</del>	24	<del>26</del>	<del>27</del>
<del>(S,O)</del>	<del>65</del>	28	23	<del>23</del>	<del>20</del>	<del>17</del>	<del>15</del>	<del>16</del>	<del>19</del>	<del>21</del>	<del>2</del> 4	<del>26</del>	28
<del>(S,O)</del>	66	28	23	<del>23</del>	<del>20</del>	<del>17</del>	<del>16</del>	<del>17</del>	<del>19</del>	22	<del>25</del>	<del>26</del>	<del>28</del>
<del>(S,O)</del>	<del>67</del>	29	<del>24</del>	<del>2</del> 4	<del>20</del>	<del>18</del>	<del>16</del>	<del>17</del>	<del>19</del>	22	<del>25</del>	27	<del>29</del>
<del>(S,O)</del>	<del>68</del>	<del>29</del>	24	<del>24</del>	<del>20</del>	<del>18</del>	<del>16</del>	<del>17</del>	<del>20</del>	22	<del>26</del>	<del>27</del>	<del>29</del>
<del>(S,O)</del>	<del>69</del>	<del>29</del>	<del>24</del>	<del>2</del> 4	<del>21</del>	<del>18</del>	<del>16</del>	<del>17</del>	<del>20</del>	22	<del>26</del>	<del>28</del>	<del>29</del>
<del>(S,O)</del>	<del>70</del>	30	<del>25</del>	<del>25</del>	21	<del>18</del>	<del>17</del>	<del>18</del>	<del>20</del>	<del>23</del>	<del>26</del>	<del>28</del>	<del>30</del>
<del>(S,O)</del>	<del>71</del>	30	25	<del>25</del>	21	<del>19</del>	<del>17</del>	<del>18</del>	20	<del>23</del>	27	<del>28</del>	30
<del>(S,O)</del>	<del>72</del>	<del>31</del>	<del>25</del>	<del>25</del>	<del>22</del>	<del>19</del>	<del>17</del>	<del>18</del>	<del>21</del>	<del>23</del>	<del>27</del>	<del>29</del>	<del>31</del>
<del>(S,O)</del>	<del>73</del>	31	<del>26</del>	<del>26</del>	22	<del>19</del>	<del>17</del>	<del>18</del>	21	<del>2</del> 4	27	<del>29</del>	31
<del>(S,O)</del>	<del>7</del> 4	32	<del>26</del>	<del>26</del>	22	<del>19</del>	<del>18</del>	<del>19</del>	21	<del>2</del> 4	<del>28</del>	<del>30</del>	<del>32</del>
<del>(S,O)</del>	<del>75</del>	<del>32</del>	<del>26</del>	<del>26</del>	<del>23</del>	<del>20</del>	<del>18</del>	<del>19</del>	22	<del>24</del>	<del>28</del>	<del>30</del>	<del>32</del>
<del>(S,O)</del>	<del>76</del>	<del>32</del>	27	27	<del>23</del>	<del>20</del>	<del>18</del>	<del>19</del>	22	<del>2</del> 5	<del>29</del>	30	<del>32</del>
<del>(S,O)</del>	<del>77</del>	33	27	27	<del>23</del>	<del>20</del>	<del>18</del>	<del>19</del>	22	<del>2</del> 5	<del>29</del>	31	33
<del>(S,O)</del>	<del>78</del>	33	27	<del>27</del>	<del>23</del>	<del>21</del>	<del>19</del>	<del>20</del>	22	<del>25</del>	<del>29</del>	31	33
<del>(S,O)</del>	<del>79</del>	34	28	<del>28</del>	24	<del>21</del>	<del>19</del>	<del>20</del>	23	<del>26</del>	<del>30</del>	<del>32</del>	34
<del>(S,O)</del>	80	34	28	28	24	21	<del>19</del>	<del>20</del>	23	<del>26</del>	30	32	34
<del>(S,O)</del>	81	35	28	<del>28</del>	<del>2</del> 4	21	<del>19</del>	<del>20</del>	23	<del>26</del>	30	33	<del>35</del>
<del>(S,O)</del>	<del>82</del>	35	<del>29</del>	<del>29</del>	<del>25</del>	22	<del>20</del>	21	24	<del>27</del>	31	33	<del>35</del>
<del>(S,O)</del>	83	35	29	<del>29</del>	<del>25</del>	22	<del>20</del>	<del>21</del>	24	27	31	33	35
<del>(S,O)</del>	84	36	<del>29</del>	<del>29</del>	<del>25</del>	22	<del>20</del>	<del>21</del>	24	27	32	34	36
<del>(S,O)</del>	85	36	30	30	26	22	<del>20</del>	<del>21</del>	<del>25</del>	28	32	34	<del>36</del>
<del>(S,O)</del>	<del>86</del> <del>87</del>	<del>37</del> <del>37</del>	30 31	30 31	<del>26</del> <del>26</del>	23 23	20 21	<del>22</del> <del>22</del>	25 25	28 28	<del>32</del> 33	<del>35</del>	<del>37</del> <del>37</del>
<del>(S,O)</del>			31	31				22	<del>25</del>			35 25	
<del>(\$,0)</del>	88 89	<del>38</del> <del>38</del>	31	31	26 27	23 23	21 21	22	<del>26</del>	29 29	33 33	35 36	<del>38</del> <del>38</del>
<del>(S,O)</del>	<del>90</del>	<del>38</del>	<del>31</del>	<del>31</del>	27	<del>23</del>	<del>21</del>	23	<del>26</del>	<del>29</del>	34		<del>38</del>
<del>(S,O)</del> <del>(S,O)</del>	90 91	<del>39</del>	<del>32</del>	<del>32</del>	27	24	<del>21</del>	<del>23</del>	<del>26</del>	30	34	<del>36</del> <del>37</del>	<del>39</del>
<del>(S,O)</del>	<del>91</del> <del>92</del>	39	32	32	28	24	22	23	27	30	35	37	39
<del>(S,O)</del> ( <del>S,O)</del>	<del>92</del> <del>93</del>	40	33	33	28	24	22	23	27	30	35	37	4 <del>0</del>
<del>(S,O)</del> ( <del>S,O)</del>	94	40	33	33	28	25	22	24	27	31	35	38	4 <del>0</del>
<del>(S,O)</del>	95	41	33	33	29	25	23	24	27	31	36	38	41
<del>(S,O)</del>	<del>96</del>	41	34	34	29	<del>25</del>	23	24	28	31	36	39	41
(S,O)	<del>97</del>	41	34	34	<del>29</del>	<del>26</del>	<del>23</del>	24	28	32	36	39	41
( = 1 = 1	-							-	_				

(Cont'd on Sheet No.

ISSUED BY STEVEN F. BAKER PRESIDENT FORT WAYNE, INDIANA EFFECTIVE FOR ELECTRIC SERVICE RENDERED ON OR AFTER

I.U.R.C. NO. 20 INDIANA MICHIGAN POWER COMPANY STATE OF INDIANA

#### **ORIGINAL SHEET NO. 32.4**

# TARIFF F.W. - S.L. (Fort Wayne Streetlighting - Customer Owned and Maintained System)

TYPE OF LAMP AND APPROX MATE LUMENS <sup>1</sup>	TOTAL WATTS	CANDLE POWER <u>JAN</u>	<u>FEB</u>	MAR	ΔPR	MAY	JUN	<u>JUL</u>	<u>AUG</u>	SEP	OCT	NOV	<u>DEC</u>
(S,O)	98	42	34	34	29	26	23	25	28	32	37	39	42
<del>(S,O)</del>	99	42	35	35	30	<del>26</del>	<del>2</del> 4	25	29	32	37	40	42
<del>(S,O)</del>	<del>100</del>	43	35	35	30	<del>26</del>	<del>24</del>	25	<del>29</del>	33	38	40	43
<del>(S,O)</del>	<del>101</del>	43	35	35	30	27	<del>2</del> 4	25	29	33	38	41	43
<del>(S,O)</del>	<del>102</del>	43	36	36	31	27	<del>2</del> 4	<del>26</del>	29	33	38	41	43
( <del>S,O)</del>	103	44	36	36	31	<del>27</del>	<del>25</del>	<del>26</del>	30	34	39	41	44
<del>(S,O)</del>	104	44	37	37	31	27	<del>25</del>	<del>26</del>	30	34	39	42	44
<del>(S,O)</del>	<del>105</del>	45	37	37	<del>32</del>	<del>2</del> 8	25	<del>26</del>	30	34	39	42	45
<del>(S,O)</del>	<del>106</del>	45	37	37	<del>32</del>	<del>2</del> 8	25	27	31	35	40	43	45
<del>(S,O)</del>	<del>107</del>	46	38	38	<del>32</del>	<del>28</del>	<del>25</del>	<del>27</del>	<del>31</del>	35	40	43	46
( <del>S,O)</del>	<del>108</del>	46	38	38	33	<del>28</del>	<del>26</del>	27	31	35	41	43	46
<del>(S,O)</del>	<del>109</del>	46	38	38	33	<del>29</del>	<del>26</del>	27	31	36	41	44	46
<del>(S,O)</del>	<del>110</del>	47	39	39	33	29	<del>26</del>	<del>28</del>	<del>32</del>	36	41	44	47
<del>(S,O)</del>	<del>111</del>	47	<del>39</del>	<del>3</del> 9	33	<del>29</del>	<del>26</del>	<del>28</del>	<del>32</del>	<del>36</del>	42	45	47
<del>(S,O)</del>	<del>112</del>	48	39	39	34	<del>29</del>	27	<del>28</del>	<del>32</del>	37	42	45	48
<del>(S,O)</del>	<del>113</del>	48	40	40	34	30	27	<del>28</del>	33	37	43	45	48
<del>(S,O)</del>	114	49	40	40	34	30	27	<del>29</del>	33	37	43	46	49
<del>(S,O)</del>	<del>115</del>	49	40	40	<del>35</del>	<del>30</del>	<del>27</del>	<del>29</del>	33	<del>37</del>	43	46	<del>49</del>
<del>(S,O)</del>	<del>116</del>	49	41	41	35	31	28	<del>29</del>	33	38	44	47	49
<del>(S,O)</del>	<del>117</del>	<del>50</del>	41	41	35	31	28	<del>29</del>	34	38	44	47	<del>50</del>
<del>(S,O)</del>	<del>118</del>	<del>50</del>	41	41	<del>36</del>	<del>31</del>	<del>28</del>	<del>30</del>	34	38	44	47	<del>50</del>
<del>(S,O)</del>	<del>119</del>	<del>51</del>	42	42	36	31	28	30	34	39	45	48	<del>51</del>
<del>(S,O)</del>	<del>120</del>	<del>51</del>	42	42	<del>36</del>	32	<del>29</del>	30	35	39	45	48	<del>51</del>
<del>(S,O)</del>	<del>121</del>	<del>52</del>	42	42	36	32	<del>29</del>	30	35	39	46	49	<del>52</del>
<del>(S,O)</del>	<del>122</del>	<del>52</del>	43	43	<del>37</del>	<del>32</del>	<del>29</del>	<del>31</del>	<del>35</del>	40	46	49	<del>52</del>
<del>(S,O)</del>	<del>123</del>	<del>52</del>	43	43	37	32	<del>29</del>	31	35	40	46	49	<del>52</del>
<del>(S,O)</del>	<del>124</del>	53	44	44	37	33	<del>30</del>	31	<del>36</del>	40	47	<del>50</del>	<del>5</del> 3
<del>(S,O)</del>	125	53	44	44	38	33	30	31	<del>36</del>	41	47	<del>50</del>	53
<del>(S,O)</del>	126	54	44	44	38	33	30	32	<del>36</del>	41	47	<del>51</del>	54
( <del>S,O)</del>	<del>127</del>	54	45	45	38	33	30	32	37	41	48	<del>51</del>	<del>5</del> 4
( <del>S,O)</del>	<del>128</del>	<del>55</del>	45	45	39	34	30	32	37	42	48	<del>51</del>	<del>55</del>
<del>(S,O)</del>	<del>129</del>	<del>55</del>	45	45	<del>39</del>	34	<del>31</del>	<del>32</del>	<del>37</del>	42	49	<del>52</del>	<del>55</del>
( <del>S,O)</del>	<del>130</del>	55	46	46	39	34	31	33	37	42	49	<del>52</del>	<del>55</del>
<del>(S,O)</del>	<del>131</del>	56	46	46	39	34	31	33	38	43	49	53	<del>56</del>
<del>(S,O)</del>	<del>132</del>	<del>56</del>	46	46	40	35 25	31	33	38	43	<del>50</del>	53	<del>56</del>
<del>(S,O)</del>	<del>133</del>	<del>57</del>	47	47	40	<del>35</del>	<del>32</del>	33	38	43	<del>50</del>	53 54	<del>57</del>
<del>(S,O)</del>	<del>134</del> <del>135</del>	<del>57</del> <del>58</del>	4 <del>7</del> 4 <del>7</del>	4 <del>7</del> 4 <del>7</del>	40 41	35 36	32 32	34 34	<del>39</del>	44 44	50 51	54 54	<del>57</del> <del>58</del>
<del>(S,O)</del>									<del>39</del>			54 55	
<del>(\$,O)</del>	136	<del>58</del>	48	48	41	<del>36</del>	<del>32</del>	34	<del>39</del>	44	<del>51</del>	55 55	<del>58</del>
<del>(S,O)</del> <del>(S,O)</del>	<del>137</del> <del>138</del>	58 59	48	48	41	<del>36</del>	33 33	34 35	40	45 45	52 52	<del>55</del>	<del>58</del> <del>59</del>
	<del>138</del> 139	<del>59</del>	48 49	48 49	4 <del>2</del> 4 <del>2</del>	36 37	<del>33</del>	35 35	40 40	45 45	<del>52</del>	55 56	<del>59</del>
<del>(S,O)</del> <del>(S,O)</del>	<del>139</del> 140	<del>99</del> <del>60</del>	4 <del>9</del> 49	4 <del>9</del> 49	4 <del>2</del>	<del>37</del> <del>37</del>	<del>33</del>	<del>35</del>	4 <del>0</del>	4 <del>5</del>	<del>52</del>	<del>56</del>	<del>59</del> <del>60</del>
(0,0)	170	<del>00</del>	43	43	42	<del>01</del>	99	90	40	40	99	<del>50</del>	<del>00</del>

(Cont'd on Sheet No.

ISSUED BY STEVEN F. BAKER PRESIDENT FORT WAYNE, INDIANA EFFECTIVE FOR ELECTRIC SERVICE RENDERED ON OR AFTER

ORIGINAL SHEET NO. 32.5

I.U.R.C. NO. 20 INDIANA MICHIGAN POWER COMPANY STATE OF INDIANA

# TARIFF F.W. - S.L. (Fort Wayne Streetlighting - Customer Owned and Maintained System)

TYPE OF LAMP AND APPROX MATE LUMENS <sup>1</sup>	TOTAL WATTS	CANDLE POWER <u>JAN</u>	<u>FEB</u>	MAR	<u>APR</u>	MAY	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	SEP	ОСТ	NOV I	DEC
(S,O)	141	60	50	50	42	37	34	35	41	46	53	57	60
( <del>S,O)</del>	<del>142</del>	<del>61</del>	<del>50</del>	<del>50</del>	43	37	34	36	41	46	53	<del>57</del>	61
<del>(S,O)</del>	<del>143</del>	<del>61</del>	<del>50</del>	<del>50</del>	43	38	34	<del>36</del>	41	47	<del>54</del>	<del>57</del>	<del>61</del>
<del>(S,O)</del>	144	<del>61</del>	<del>51</del>	<del>51</del>	43	38	34	36	42	47	54	<del>58</del>	<del>61</del>
<del>(S,O)</del>	<del>145</del>	62	<del>51</del>	<del>51</del>	44	38	35	36	42	47	<del>55</del>	<del>58</del>	<del>62</del>
<del>(S,O)</del>	<del>146</del>	62	<del>51</del>	<del>51</del>	44	38	35	37	42	48	<del>55</del>	<del>59</del>	62
<del>(S,O)</del>	147	63	<del>52</del>	<del>52</del>	44	39	35	37	42	48	<del>55</del>	<del>59</del>	63
( <del>S,O)</del>	148	63	<del>52</del>	<del>52</del>	45	39	35	37	43	48	<del>56</del>	<del>59</del>	63
( <del>S,O)</del>	149	64	<del>52</del>	<del>52</del>	45	39	35	37	43	49	<del>56</del>	60	64
<del>(S,O)</del>	<del>150</del>	64	53	<del>5</del> 3	45	<del>39</del>	<del>36</del>	38	43	49	<del>56</del>	60	<del>64</del>
(S,O)	<del>151</del>	64	53	53	45	40	36	38	44	49	<del>57</del>	61	64
(S,O)	<del>152</del>	65	53	53	46	40	36	38	44	<del>50</del>	<del>57</del>	61	65
(S,O)	<del>153</del>	65	54	<del>5</del> 4	46	40	36	38	44	<del>50</del>	58	61	65
<del>(S,O)</del>	<del>154</del>	66	<del>54</del>	<del>54</del>	46	41	<del>37</del>	<del>39</del>	44	<del>50</del>	<del>58</del>	<del>62</del>	<del>66</del>
(S,O)	<del>155</del>	66	54	<del>5</del> 4	47	41	37	39	45	<del>51</del>	58	62	66
<del>(S,O)</del>	<del>156</del>	67	<del>55</del>	<del>55</del>	47	41	37	39	45	<del>51</del>	<del>59</del>	63	<del>67</del>
<del>(S,O)</del>	<del>157</del>	67	<del>55</del>	<del>55</del>	47	41	37	39	45	<del>51</del>	<del>59</del>	63	<del>67</del>
<del>(S,O)</del>	<del>158</del>	<del>67</del>	<del>55</del>	<del>55</del>	48	42	38	40	46	<del>52</del>	<del>59</del>	63	<del>67</del>
(S,O)	<del>159</del>	68	<del>56</del>	<del>56</del>	48	42	38	40	46	<del>52</del>	60	64	68
<del>(S,O)</del>	<del>160</del>	68	<del>56</del>	<del>56</del>	48	42	38	40	46	<del>52</del>	60	64	68
<del>(S,O)</del>	<del>161</del>	69	<del>57</del>	<del>57</del>	48	<del>42</del>	38	40	<del>46</del>	<del>52</del>	<del>61</del>	<del>65</del>	<del>69</del>
<del>(S,O)</del>	<del>162</del>	69	<del>57</del>	<del>57</del>	49	43	38	41	47	<del>53</del>	61	65	69
<del>(S,O)</del>	<del>163</del>	69	<del>57</del>	<del>57</del>	49	43	39	41	47	<del>53</del>	61	65	69
<del>(S,O)</del>	<del>164</del>	70	<del>58</del>	<del>58</del>	49	43	39	41	47	<del>53</del>	62	66	<del>70</del>
<del>(S,O)</del>	<del>165</del>	<del>70</del>	<del>58</del>	<del>58</del>	<del>50</del>	43	<del>39</del>	41	48	<del>54</del>	<del>62</del>	66	<del>70</del>
<del>(S,O)</del>	<del>166</del>	<del>71</del>	58	<del>5</del> 8	<del>50</del>	44	40	42	48	<del>5</del> 4	62	<del>67</del>	71
<del>(S,O)</del>	<del>167</del>	<del>71</del>	<del>59</del>	<del>59</del>	50	44	40	42	48	<del>5</del> 4	63	<del>67</del>	71
<del>(S,O)</del>	<del>168</del>	<del>72</del>	<del>59</del>	<del>59</del>	<del>51</del>	44	40	42	48	<del>55</del>	63	<del>67</del>	<del>72</del>
<del>(S,O)</del>	<del>169</del>	<del>72</del>	<del>59</del>	<del>59</del>	<del>51</del>	45	40	42	49	<del>55</del>	64	68	<del>72</del>
<del>(S,O)</del>	<del>170</del>	72	60	60	51	45	41	43	49	<del>55</del>	64	68	<del>72</del>
<del>(S,O)</del>	<del>171</del>	73	60	60	51	45	41	43	49	<del>56</del>	64	69	<del>73</del>
<del>(S,O)</del>	<del>172</del>	<del>73</del>	<del>60</del>	<del>60</del>	<del>52</del>	45	41	43	<del>50</del>	<del>56</del>	<del>65</del>	<del>69</del>	<del>73</del>
<del>(S,O)</del>	<del>173</del>	74	<del>61</del>	<del>61</del>	<del>52</del>	46	41	43	<del>50</del>	<del>56</del>	<del>65</del>	<del>69</del>	74
<del>(S,O)</del>	<del>174</del>	74	<del>61</del>	<del>61</del>	<del>52</del>	46	41	44	<del>50</del>	<del>57</del>	<del>65</del>	<del>70</del>	74
<del>(S,O)</del>	<del>175</del>	<del>7</del> 5	<del>61</del>	<del>61</del>	53	46	42	44	<del>50</del>	<del>57</del>	66	<del>70</del>	<del>75</del>
<del>(S,O)</del>	<del>176</del>	<del>7</del> 5	62	62	53	46	42	44	51	<del>57</del>	66	71	<del>75</del>
<del>(S,O)</del>	<del>177</del>	<del>75</del>	62	<del>62</del>	53	47	42	44	51	<del>58</del>	67	71	<del>75</del>
<del>(S,O)</del>	<del>178</del>	<del>76</del>	62	<del>62</del>	54	47	42	45	51	<del>58</del>	67	71	<del>76</del>
<del>(S,O)</del>	<del>179</del>	<del>7</del> 6	63	<del>63</del>	54	47	43	45	<del>52</del>	<del>58</del>	<del>67</del>	<del>72</del>	<del>76</del>
<del>(S,O)</del>	<del>180</del>	77	63	63	54	47	43	45	<del>52</del>	<del>59</del>	68	<del>72</del>	<del>77</del>
<del>(S,O)</del>	<del>181</del>	77	64	<del>6</del> 4	54	48	43	45	<del>52</del>	<del>59</del>	68	<del>73</del>	<del>77</del>
<del>(S,O)</del>	<del>182</del>	78	64	<del>6</del> 4	<del>55</del>	48	43	46	<del>52</del>	<del>59</del>	68	<del>7</del> 3	<del>78</del>
<del>(S,O)</del>	<del>183</del>	<del>78</del>	64	64	55	48	44	46	53	60	69	<del>73</del>	<del>78</del>

(Cont'd on Sheet No.

ISSUED BY STEVEN F. BAKER PRESIDENT FORT WAYNE, INDIANA EFFECTIVE FOR ELECTRIC SERVICE RENDERED ON OR AFTER

I.U.R.C. NO. 20 INDIANA MICHIGAN POWER COMPANY STATE OF INDIANA **ORIGINAL SHEET NO. 32.6** 

# TARIFF F.W. - S.L. (Fort Wayne Streetlighting - Customer Owned and Maintained System)

TYPE OF LAMP AND	TOTAL	CANDLE												
APPROX MATE LUMENS <sup>1</sup>	WATTS	POWER					MAY	<u>JUN</u>						DEC
<del>(\$,O)</del>	184		<del>78</del>	65	65	<del>55</del>	48	44	46	53	60	<del>69</del>	74	<del>78</del>
<del>(S,O)</del>	<del>185</del>		<del>79</del>	65	65	<del>56</del>	49	44	46	53	60	<del>70</del>	74	<del>79</del>
<del>(S,O)</del>	<del>186</del>		<del>79</del>	<del>65</del>	<del>65</del>	<del>56</del>	49	44	47	<del>54</del>	<del>61</del>	<del>70</del>	<del>75</del>	<del>79</del>
<del>(S,O)</del>	<del>187</del>		80	66	66	<del>56</del>	49	45	47	<del>5</del> 4	<del>61</del>	<del>70</del>	<del>75</del>	80
<del>(S,O)</del>	<del>188</del>		80	66	66	<del>57</del>	<del>50</del>	45	47	<del>5</del> 4	<del>61</del>	71	<del>75</del>	80
<del>(S,O)</del>	<del>189</del>		81	66	66	57	<del>50</del>	45	47	<del>55</del>	62	71	<del>76</del>	81
<del>(S,O)</del>	<del>190</del>		81	67	67	<del>57</del>	<del>50</del>	45	48	<del>55</del>	62	71	76	81
<del>(S,O)</del>	<del>191</del>		81	67	67	<del>57</del>	<del>50</del>	46	48	<del>55</del>	62	<del>72</del>	77	81
<del>(S,O)</del>	<del>192</del>		82	67	67	<del>58</del>	<del>51</del>	46	48	<del>55</del>	63	<del>72</del>	77	<del>82</del>
<del>(S,O)</del>	<del>193</del>		<del>82</del>	68	68	<del>58</del>	<del>51</del>	<del>46</del>	48	<del>56</del>	63	<del>73</del>	77	<del>82</del>
<del>(S,O)</del>	<del>194</del>		83	68	68	<del>58</del>	<del>51</del>	46	49	<del>56</del>	63	73	78	83
<del>(S,O)</del>	<del>195</del>		83	68	68	<del>59</del>	<del>51</del>	46	49	<del>56</del>	64	73	<del>78</del>	83
<del>(S,O)</del>	<del>196</del>		84	<del>69</del>	69	<del>59</del>	52	47	49	<del>57</del>	64	74	<del>79</del>	84
<del>(S,O)</del>	<del>197</del>		84	<del>69</del>	<del>69</del>	<del>59</del>	<del>52</del>	47	49	<del>57</del>	64	74	<del>79</del>	84
<del>(S,O)</del>	<del>198</del>		84	<del>70</del>	<del>70</del>	60	52	47	<del>50</del>	<del>57</del>	65	74	<del>79</del>	84
<del>(S,O)</del>	<del>199</del>		85	<del>70</del>	<del>70</del>	60	<del>52</del>	47	<del>50</del>	<del>57</del>	65	<del>75</del>	80	85
<del>(S,O)</del>	<del>200</del>		85	<del>70</del>	<del>70</del>	60	53	48	<del>50</del>	<del>58</del>	65	<del>75</del>	80	85
<del>(S,O)</del>	<del>201</del>		86	71	<del>71</del>	60	<del>53</del>	48	<del>50</del>	<del>58</del>	66	<del>76</del>	81	<del>86</del>
<del>(S,O)</del>	<del>202</del>		86	71	71	61	53	48	<del>51</del>	<del>58</del>	66	<del>76</del>	81	86
<del>(S,O)</del>	203		87	71	71	61	53	48	<del>51</del>	<del>59</del>	66	<del>76</del>	81	87
<del>(S,O)</del>	<del>204</del>		87	<del>72</del>	<del>72</del>	<del>61</del>	54	49	<del>51</del>	<del>59</del>	67	77	<del>82</del>	<del>87</del>
<del>(S,O)</del>	<del>205</del>		87	<del>72</del>	<del>72</del>	62	54	49	<del>51</del>	59	67	77	<del>82</del>	87
<del>(S,O)</del>	<del>206</del>		88	<del>72</del>	<del>72</del>	62	54	49	<del>52</del>	<del>59</del>	67	77	83	88
<del>(S,O)</del>	<del>207</del>		88	73	73	62	<del>55</del>	49	<del>52</del>	60	67	<del>78</del>	83	88
<del>(S,O)</del>	<del>208</del>		89	<del>73</del>	<del>73</del>	63	<del>55</del>	<del>50</del>	<del>52</del>	60	68	<del>78</del>	83	89
<del>(S,O)</del>	<del>209</del>		89	73	<del>73</del>	63	55	<del>50</del>	<del>52</del>	60	68	<del>79</del>	84	89
<del>(S,O)</del>	<del>210</del>		90	74	74	63	<del>55</del>	<del>50</del>	53	<del>61</del>	68	<del>79</del>	84	90
<del>(S,O)</del>	<del>211</del>		90	74	74	63	<del>56</del>	<del>50</del>	53	<del>61</del>	69	<del>79</del>	85	90
<del>(S,O)</del>	<del>212</del>		90	74	74	64	<del>56</del>	<del>51</del>	53	<del>61</del>	69	80	85	90
<del>(S,O)</del>	<del>213</del>		91	<del>75</del>	<del>75</del>	64	<del>56</del>	<del>51</del>	53	61	69	80	85	91
<del>(S,O)</del>	<del>214</del>		91	<del>75</del>	<del>75</del>	64	<del>56</del>	<del>51</del>	54	62	<del>70</del>	81	86	91
<del>(S,O)</del>	<del>215</del>		92	<del>75</del>	<del>75</del>	<del>65</del>	<del>57</del>	<del>51</del>	<del>54</del>	<del>62</del>	<del>70</del>	81	<del>86</del>	<del>92</del>
<del>(S,O)</del>	<del>216</del>		92	<del>76</del>	<del>7</del> 6	65	<del>57</del>	<del>51</del>	54	62	<del>70</del>	81	87	92
<del>(S,O)</del>	<del>217</del>		93	<del>76</del>	<del>7</del> 6	65	<del>57</del>	<del>52</del>	54	63	71	82	87	93
<del>(S,O)</del>	<del>218</del>		93	77	77	66	<del>57</del>	<del>52</del>	55	63	71	82	87	93
<del>(S,O)</del>	<del>219</del>		93	77	<del>77</del>	66	<del>58</del>	<del>52</del>	<del>55</del>	63	71	82	88	93
<del>(S,O)</del>	<del>220</del>		94	77	<del>77</del>	66	<del>58</del>	<del>52</del>	<del>55</del>	63	<del>72</del>	83	88	94
<del>(S,O)</del>	<del>221</del>		94	<del>78</del>	<del>78</del>	67	<del>58</del>	53	<del>55</del>	64	<del>72</del>	83	89	94
<del>(S,O)</del>	<del>222</del>		<del>95</del>	<del>78</del>	<del>78</del>	67	<del>58</del>	53	<del>56</del>	64	<del>72</del>	84	89	<del>95</del>
<del>(S,O)</del>	<del>223</del>		<del>9</del> 5	<del>78</del>	<del>7</del> 8	<del>67</del>	<del>59</del>	53	<del>56</del>	64	<del>7</del> 3	84	89	<del>95</del>
<del>(S,O)</del>	<del>22</del> 4		<del>9</del> 5	<del>79</del>	<del>79</del>	<del>67</del>	<del>59</del>	53	<del>56</del>	65	<del>7</del> 3	84	90	<del>95</del>
<del>(S,O)</del>	<del>225</del>		<del>96</del>	<del>79</del>	<del>79</del>	68	<del>59</del>	54	<del>56</del>	65	<del>7</del> 3	85	90	<del>96</del>
<del>(S,O)</del>	<del>226</del>		<del>96</del>	<del>79</del>	<del>79</del>	68	60	54	<del>57</del>	65	74	85	91	<del>96</del>

(Cont'd on Sheet No. 32.7)

ISSUED BY STEVEN F. BAKER PRESIDENT FORT WAYNE, INDIANA EFFECTIVE FOR ELECTRIC SERVICE RENDERED ON OR AFTER

Indiana Michigan Power Company Witness: Kurt C. Cooper Attachment KCC-4 Page 74 of 165

Indiana Michigan Power Company - Cause Number 45933 Settlement Agreement Attachment D

**ORIGINAL SHEET NO. 32.7** 

I.U.R.C. NO. 20 INDIANA MICHIGAN POWER COMPANY STATE OF INDIANA

TARIFF F.W. - S.L. (Fort Wayne Streetlighting - Customer Owned and Maintained System)

TYPE OF LAMP AND	TOTAL	CANDLE												
 APPROX MATE LUMENS <sup>1</sup>	WATTS	POWER	<u>JAN</u>							<u>AUG</u>		OCT		
( <del>S,O)</del>	227		97	80	80	68	60	<del>5</del> 4	57	65	74	85	91	<del>97</del>
( <del>S,O)</del>	228		97	80	80	69	60	<del>5</del> 4	<del>57</del>	66	74	86	91	<del>97</del>
<del>(S,O)</del>	<del>229</del>		98	80	80	69	60	<del>55</del>	<del>57</del>	66	<del>75</del>	86	92	98
( <del>S,O)</del>	230		98	81	81	69	61	<del>55</del>	58	66	<del>75</del>	87	92	98
( <del>S,O)</del>	231		98	81	81	<del>70</del>	<del>61</del>	<del>55</del>	58	67	<del>75</del>	87	93	98
<del>(\$,0)</del>	232		99	81	81	<del>70</del>	61 04	<del>55</del>	58	67	<del>76</del>	87	93	99
<del>(\$,0)</del>	233		99	82	<del>82</del>	<del>70</del>	61	<del>56</del>	58	67	<del>76</del>	88	93	99
(S,O)	234		100	8 <u>2</u>	8 <u>2</u>	<del>70</del>	62	<del>56</del>	<del>59</del>	67	<del>76</del>	88	94	<del>100</del>
<del>(\$,0)</del>	235		100	83	83	<del>71</del>	62	<del>56</del>	<del>59</del>	68	<del>77</del>	88	94	<del>100</del>
<del>(S,O)</del>	<del>236</del> <del>237</del>		101 101	83 83	<del>83</del> 83	71 71	62 62	<del>56</del> <del>56</del>	<del>59</del> <del>59</del>	68 68	77 77	<del>89</del> <del>89</del>	95 95	<del>101</del> <del>101</del>
	238		<del>101</del>	<del>84</del>	84	<del>71</del>	63	<del>57</del>	<del>59</del>	<del>69</del>	<del>78</del>	90	95	<del>101</del> <del>101</del>
( <del>S,O)</del>	<del>239</del>		<del>101</del>	84	84	<del>72</del>	63	<del>57</del>	60	<del>69</del>	<del>70</del>	90	96	102
<del>(S,O)</del>	<del>233</del> 240		<del>102</del>	84	84	<del>72</del>	63	<del>57</del>	60	<del>69</del>	<del>78</del>	90	96	<del>102</del>
<del>(S,O)</del>	<del>240</del> <del>241</del>		103	85	85	73	63	<del>57</del>	60	70	<del>70</del>	91	97	103
( <del>S,O)</del>	242		103	85	85	73	64	<del>58</del>	61	70	<del>79</del>	91	97	103
( <del>S,O)</del>	243		104	85	85	73	64	<del>58</del>	61	70	<del>79</del>	91	98	104
<del>(S,O)</del>	244		104	86	86	73	64	<del>58</del>	61	<del>70</del>	80	92	98	<del>104</del>
( <del>S,O)</del>	245		104	86	86	74	65	<del>58</del>	61	71	80	92	98	<del>104</del>
<del>(S,O)</del>	246		105	86	86	74	65	<del>59</del>	62	71	80	93	99	105
<del>(S,O)</del>	<del>247</del>		105	87	87	74	65	<del>59</del>	62	71	81	93	99	105
(S,O)	248		106	87	87	75	65	<del>59</del>	6 <u>2</u>	72	81	93	100	105 106
(S,O)	249		106	87	8 <del>7</del>	75	66	<del>59</del>	62	<del>72</del>	81	94	100	<del>106</del>
(S,O)	<del>250</del>		107	88	88	75	66	60	63	72	82	94	100	107
(S,O)	<del>251</del>		107	88	88	<del>76</del>	66	60	63	<del>72</del>	<del>82</del>	94	101	<del>107</del>
(S,O)	252		107	88	88	<del>76</del>	66	60	63	73	82	95	<del>101</del>	<del>107</del>
(S,O)	253		108	89	89	<del>76</del>	67	60	63	73	82	95	102	108
(S,O)	<del>254</del>		108	89	89	76	67	61	64	73	83	96	102	108
(S,O)	255		109	90	90	77	67	61	64	74	83	96	102	109
(S,O)	<del>256</del>		109	90	90	77	67	61	64	74	83	96	103	109
(S,O)	<del>257</del>		110	90	90	77	68	61	64	74	84	97	<del>103</del>	<del>110</del>
<del>(S,O)</del>	<del>258</del>		<del>110</del>	91	91	<del>78</del>	68	<del>61</del>	<del>65</del>	<del>74</del>	84	97	<del>104</del>	<del>110</del>
(S,O)	<del>259</del>		110	91	91	<del>78</del>	68	62	65	<del>75</del>	84	97	<del>104</del>	<del>110</del>
( <del>S,O)</del>	<del>260</del>		111	91	91	<del>78</del>	68	62	65	<del>75</del>	85	98	<del>104</del>	111
( <del>S,O)</del>	<del>261</del>		111	92	92	<del>79</del>	69	62	65	<del>75</del>	85	98	<del>105</del>	111
( <del>S,O)</del>	<del>262</del>		112	92	92	<del>79</del>	69	62	66	<del>76</del>	85	99	<del>105</del>	112
(S,O)	<del>263</del>		112	92	92	<del>79</del>	69	63	66	<del>76</del>	86	99	106	<del>112</del>
<del>(S,O)</del>	264		113	93	93	<del>79</del>	70	63	66	<del>76</del>	86	99	106	113
<del>(S,O)</del>	265		113	93	93	80	70	63	66	<del>76</del>	86	100	106	113
(S,O)	<del>266</del>		113	93	93	80	70	63	67	77	87	100	<del>107</del>	113
<del>(S,O)</del>	<del>267</del>		114	94	94	80	<del>70</del>	64	67	77	87	<del>100</del>	<del>107</del>	114
<del>(S,O)</del>	268		114	94	94	81	71	64	67	77	87	<del>101</del>	<del>108</del>	114
<del>(S,O)</del>	<del>269</del>		<del>115</del>	94	94	81	71	64	67	78	88	<del>101</del>	<del>108</del>	<del>115</del>

ISSUED BY STEVEN F. BAKER PRESIDENT FORT WAYNE, INDIANA EFFECTIVE FOR ELECTRIC SERVICE RENDERED ON OR AFTER

**INDIANA MICHIGAN POWER COMPANY** 

STATE OF INDIANA

**Indiana Michigan Power Company - Cause Number 45933** I.U.R.C. NO. 20

Indiana Michigan Power Company Witness: Kurt C. Cooper Attachment KCC-4 Page 75 of 165

**ORIGINAL SHEET NO. 32.8** 

# TARIFF F.W. - S.L. (Fort Wayne Streetlighting - Customer Owned and Maintained System)

APPROXIMATE LUMENS <sup>1</sup>	WATTS	POWER	<u>JAN</u>	<u>FEB</u>	MAR	<u>APR</u>	MAY	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	SEP	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>
( <del>S,O)</del>	<del>270</del>		115	<del>95</del>	<del>95</del>	81	<del>71</del>	64	68	<del>78</del>	88	<del>102</del>	<del>108</del>	<del>115</del>
(S,O)	<del>271</del>		116	95	95	82	71	65	68	78	88	102	109	116
(S,O)	<del>272</del>		116	95	95	82	<del>72</del>	65	68	78	89	102	109	116 116
(S,O)	<del>273</del>		116	96	96	82	72	65	68	79	89	102	110	116 116
(S,O)	<del>274</del>		117	96	96	82	72	65	69	<del>79</del>	89	103	110	117
(S,O)	<del>275</del>		117	97	97	83	72	66	69	<del>79</del>	90	103	110	117
(S,O)	<del>276</del>		118	97	97	83	73	66	69	80	90	104	111	<del>118</del>
( <del>S,O)</del>	277		118	97	97	83	73	66	69	80	90	104	111	118
( <del>S,O)</del>	278		119	98	98	84	73	66	70	80	91	105	112	119
<del>(S,O)</del>	<del>279</del>		119	98	98	84	<del>73</del>	66	<del>70</del>	80	91	<del>105</del>	<del>112</del>	119
<del>(S,O)</del>	280		119	98	98	84	<del>7</del> 4	67	<del>70</del>	81	91	<del>105</del>	112	119
<del>(S,O)</del>	<del>281</del>		<del>120</del>	99	99	85	<del>7</del> 4	67	<del>70</del>	81	92	106	113	<del>120</del>
(S,O)	<del>282</del>		<del>120</del>	99	99	85	<del>7</del> 4	67	71	81	92	<del>106</del>	113	120
(S,O)	<del>283</del>		<del>121</del>	99	99	85	<del>75</del>	67	71	82	92	<del>106</del>	114	121
(S,O)	<del>28</del> 4		<del>121</del>	<del>100</del>	100	85	<del>75</del>	68	71	82	93	<del>107</del>	114	<del>121</del>
<del>(S,O)</del>	<del>285</del>		122	100	100	86	<del>75</del>	68	71	82	93	107	114	122
<del>(S,O)</del>	<del>286</del>		122	100	100	86	<del>75</del>	68	<del>72</del>	82	93	108	115	122
<del>(S,O)</del>	<del>287</del>		122	<del>101</del>	<del>101</del>	86	<del>76</del>	68	<del>72</del>	83	94	<del>108</del>	115	122
<del>(S,O)</del>	288		<del>123</del>	<del>101</del>	<del>101</del>	87	<del>76</del>	69	<del>72</del>	83	96	<del>108</del>	<del>116</del>	<del>123</del>
<del>(S,O)</del>	289		<del>123</del>	<del>101</del>	<del>101</del>	87	<del>76</del>	69	<del>72</del>	83	94	<del>109</del>	<del>116</del>	<del>123</del>
<del>(S,O)</del>	<del>290</del>		<del>124</del>	<del>102</del>	102	87	<del>76</del>	69	<del>7</del> 3	84	95	<del>109</del>	<del>116</del>	<del>124</del>
<del>(S,O)</del>	<del>291</del>		<del>12</del> 4	<del>102</del>	102	88	77	69	<del>73</del>	84	<del>9</del> 5	109	117	<del>124</del>
<del>(S,O)</del>	<del>292</del>		<del>12</del> 4	<del>103</del>	103	88	77	70	<del>73</del>	84	<del>9</del> 5	<del>110</del>	117	<del>124</del>
<del>(S,O)</del>	<del>29</del> 3		<del>125</del>	<del>103</del>	103	88	77	70	<del>73</del>	85	96	<del>110</del>	118	125
<del>(S,O)</del>	<del>29</del> 4		<del>125</del>	<del>103</del>	103	88	77	70	<del>7</del> 4	85	96	111	118	125
<del>(S,O)</del>	<del>295</del>		<del>126</del>	<del>104</del>	<del>10</del> 4	89	<del>78</del>	<del>70</del>	74	85	<del>96</del>	111	<del>118</del>	<del>126</del>
<del>(S,O)</del>	<del>296</del>		<del>126</del>	<del>104</del>	<del>10</del> 4	89	<del>78</del>	71	74	85	97	111	<del>119</del>	<del>126</del>
<del>(S,O)</del>	<del>297</del>		<del>127</del>	<del>104</del>	<del>10</del> 4	89	<del>78</del>	71	<del>74</del>	86	97	<del>112</del>	<del>119</del>	<del>127</del>
<del>(S,O)</del>	<del>29</del> 8		<del>127</del>	<del>105</del>	<del>105</del>	90	<del>78</del>	71	<del>75</del>	86	97	<del>112</del>	<del>120</del>	<del>127</del>
<del>(S,O)</del>	<del>299</del>		<del>127</del>	<del>105</del>	<del>105</del>	90	<del>79</del>	<del>71</del>	<del>75</del>	86	97	<del>112</del>	<del>120</del>	<del>127</del>
<del>(S,O)</del>	300		<del>128</del>	<del>105</del>	<del>105</del>	90	<del>79</del>	71	<del>75</del>	87	98	<del>113</del>	<del>120</del>	<del>128</del>

NOTE: For half-night (time clock) lamps multiply consumption by 0.5 or for a 7-hour timer multiply by 0.63875. 1 Lumen Output for Mercury Vapor, Sodium Vapor, and Metal Halide listed in this table as mean lumens in first column and initial lumens in the second column. Lumen rating varies with lamp manufacturer.

<sup>2</sup>City of Fort Wayne, IN only.

#### Special Terms and Conditions.

This tariff is subject to the Company's Terms and Conditions of Service.

**ISSUED BY** STEVEN F. BAKER **PRESIDENT** FORT WAYNE, INDIANA **EFFECTIVE FOR ELECTRIC SERVICE RENDERED ON OR AFTER**