

PJM Facilities Study Report
For
Network Upgrade N9107
Cycle TC1

Revision [0]: [June] [2025]

Introduction

This Facilities Study has been prepared in accordance with the PJM Open Access Transmission Tariff and PJM Manuals. The Transmission Owner (TO) is Indiana Michigan Power Company (IMP).

A. Project Description

The System Impact Study for PJM Interconnection Cycle TC1 has identified the need for PJM Network Upgrade N9107. The scope of this Network Upgrade includes the following:

- Replace 69 kV riser at the Moore Park Station.

Upon completion of the Network Upgrade above, the expected final ratings will be:

Summer Normal	Summer Emergency	Winter Normal	Winter Emergency
129 MVA	129 MVA	162 MVA	162 MVA

B. Transmission Owner Facilities Study Results

1. Detailed Scope of work for Network Upgrade N9107:

The following is a detailed description of Transmission Owner Upgrades for Network Upgrade N9107. These facilities shall be designed according to the Transmission Owner's Applicable Technical Requirements and Standards. Once built the Transmission Owner will own, operate, and maintain these facilities.

- Replace 69 kV riser at the Moore Park Station.

2. COST ESTIMATE OF IMP FACILITIES FOR REQUIRED UPGRADES

The following table summarizes the total estimated costs according to FERC criteria. The estimated costs are in 2025 dollars. **This cost excludes a Federal Income Tax Gross Up charges on Contributions in Aid of Construction (CIAC).** This tax may or may not be charged based on whether this project meets the eligibility requirements of IRS Notice 88-129. If at a future date it is determined that the Federal Income Tax Gross charge is required, the Transmission Owner shall be reimbursed by the Interconnection Customer for such taxes. The estimated reimbursement amount is noted in the table below.

2.1 COST ESTIMATE FOR TRANSMISSION OWNER-BUILD OPTION

Work Description	Type of Upgrade	Direct		Indirect		Total Cost	Tax
		Labor	Material	Labor	Material		
Replace Riser	Network Upgrade	\$137,000	\$27,000	\$82,000	\$16,000	\$262,000	

3. MILESTONE SCHEDULE FOR COMPLETION OF IMP WORK

Facilities outlined in this report are estimated to take 29 months to construct, from the time of full execution of the Generation Interconnection Agreement and completion of a construction kickoff call. This schedule may be impacted by the timeline for procurement and installation of long lead items and the ability to obtain outages to construct and test the proposed facilities.

Activity	Dates
Project Engagement	Day 1
Engineering Start	Day 5
Material Ordering	Starts Day 343
Construction (Grading & Below Grade)	Starts Day N/A
Construction (Above Grade)	Starts Day 721
Outage Requests Made By	Day 431
Outage (Structure Foundations)	Starts Day 721
Outage (Cut-in & Testing)	Starts Day N/A
Ready For Back Feed (Interconnected Transmission Owner In-Service Date)	Day 865

4. ASSUMPTIONS IN DEVELOPING SCOPE/COST/SCHEDULE

- Days are based on calendar days
- Outage planning has not occurred; project start and finish is subject to outage coordination and approvals

5. LAND REQUIREMENTS

None

6. ENVIRONMENTAL AND PERMITTING

None