

2025 Construction Procedures, Standards and Awareness

Manager of Operations Adam Paulson
Manager of Engineering Susan Henderson

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Agenda

- 1. Changes to the 2025 Electric Service Construction Standards (ESCS)*
- 2. Changes to MPEI Processes*
- 3. Damaged Meter Pedestals*
- 4. Customer Dig for Subdivisions only*
- 5. Work Order Cost Estimate Changes*
- 6. Supply Chain Updates*
- 7. Generation Interconnection Process*
- 8. 2025 Rebates*
- 9. Design/Plat Reminders*

Key Changes to the Electric Service Construction Standards

- Meter Location
 - Meters are required to be under a gabled end or a permanent structural element
- For Meter Banks
 - Meters must be marked with brass tag or an engraved phenolic label
 - Electrician must call and schedule a meet with Operations dispatch to plug in meters (970-887-3378, ext. 722). Meters will then need to be verified that they go to the correct units after meter is installed and energized. If meters cannot be verified, MPE will not set the meter.

Key Changes to the Electric Service Construction Standards Continued

- Overhead (OH) to Underground (UG) conversions
 - If requesting a conversion of OH to UG of 3-phase main feeder lines, it will require specific review for the amount required to UG for the safety and reliability of the electric grid
- Subdivisions where customer is staking line
 - Requirement for developers to provide office survey of ROW or easement for the placement of electric infrastructure

Key Changes to the MPEI Processes

- Meter Releases not required for Contract
 - To assist with the short construction season and by popular request, MPEI altered the process for 2025 to allow the design estimate to be released and contract paid prior to state meter release being received
 - Site must meet requirements for design estimate
 - **MPE still requires a state inspection**
- Notices Estimates and Contract completion
 - MPE will start sending notices for work estimates and construction deadlines
 - 3 months prior to expiration for work estimates
 - 6 months prior to expiration date for construction

Damaged Meter Pedestals

- ***Meter pedestals are owned by the member, and member will be responsible for repairing damages***
- ***MPE will again allow electricians buy and fix meter peds***
- ***Meter peds can be purchased at MPE. Electricians can pay for peds at front desk and pick up material.***
- ***MPE owns the infrastructure up to the connections in the back of the meter ped.***



Pilot Program -Subdivision Customer Dig Option

- This is a pilot program that is continuing through the 2025 construction season
- Customer installation (dig) will be allowed for subdivisions and four or more buildings for conduit and vaults
- MPE will still offer to install the entire job instead of customer dig
- **Work orders will no longer be split for conduit install and wire install. The customer will be billed the entire cost under one work order.**
- **All estimates are subject to reconciliation process when complete.**



Pilot Program -Subdivision Customer Dig Option Continued

- For Material
 - 48-hour advanced notice
 - MPE warehouse between 10 a.m. – 4 p.m.
 - 321 West Agate Ave, Granby, CO 80446
- Trench Inspections & Stubbing Conduit
 - 24- to 48-hour advanced notice
 - Contact MPE Operations Department
 - 970-887-3378, ext. 722
 - If an inspection is not completed, MPE will require the contractor to expose the conduits for inspection at the customer's cost.

Supply Chain Updates

- Still dealing with supply chain issues
- Large distribution transformer are 2+ years lead time
 - Single phase 100kVA
 - Three phase 120/208v – 100kVA
- Rubber goods are experiencing national shortage



Generation Interconnection Process

- Implemented August 2023
- Required by PUC – 4CCR723-3
- Three levels of interconnection requests
 - Must submit application to be considered
- More information located on MPEI.com
 - www.mpei.com/interconnection
- **MPEI requires one line and application for review and before solar construction**
- **NET METERING**
 - MPEI policy for net meter allows for up to 25kW for residential or commercial

GENERATION INTERCONNECTION

MPEI is mandated by Colorado Public Utilities Commission (CPUC) for all generation interconnection procedures (see 4CCR723-3, Sections 3850-3859). The MPE Board of Directors approved tariffs, effective Aug. 20, 2023, to follow directives set forth by the CPUC. More information about procedures relating to the three levels of interconnection is available at www.mpei.com/interconnection.

LEVEL 1	LEVEL 2	LEVEL 3
<ul style="list-style-type: none">⚡ Up to 25kW (AC)⚡ Eligible for Net Metering (MPE Tariff 330)⚡ Net Metering True-up occurs annually after March 31⚡ Application Process summary:<ul style="list-style-type: none">• Interconnection Application submitted with required design data and fee• Member pays interconnection costs, if applicable• MPE reviews design and if no changes are needed, approves interconnection agreement• Member provides State Inspection Report• MPE validates system information, executes meter exchange, and notifies member	<ul style="list-style-type: none">⚡ Up to 2 MW (AC)⚡ Also dictated by type and location of interconnection⚡ Not eligible for Net Metering under Tariff 330⚡ Interconnection generation metering wholesale rate set by Public Utility Regulatory Policies Act (PURPA) avoided cost⚡ Application Process summary:<ul style="list-style-type: none">• Interconnection Application submitted with required design data and fee• MPE determines if request will require modification, a supplemental study or actions, and/or significant costs• Member must agree in writing and submit deposit for estimated costs• Member is responsible for interconnection costs and for required upgrades to MPE's existing equipment• Member provides State Inspection Report• MPE validates system information, executes meter exchange, and notifies member of approval to operate in parallel	<ul style="list-style-type: none">⚡ Greater than 2 MW (AC)⚡ Also those not certified by Level 1 or Level 2⚡ Not eligible for Net Metering under Tariff 330⚡ Interconnection metering wholesale rate set by Public Utility Regulatory Policies Act (PURPA) avoided cost⚡ Application Process summary:<ul style="list-style-type: none">• Interconnection Application submitted with required design data and fee• Scoping meeting with MPE and member's system engineers• Member is responsible for feasibility studies, system impact studies, and facility studies• Member must agree in writing and submit deposit for estimated costs• Member is responsible for interconnection costs and for required upgrades to MPE's existing equipment• Member provides State Inspection Report• MPE validates system information, executes meter exchange, and notifies member of approval to operate in parallel

MOUNTAIN PARKS ELECTRIC

Rebates Available

- **Available to individual members for Energy Efficiency and Electrification technologies – up to \$2,000 per member (www.MPEI.com/Rebates)**
- **\$500/system available to members installing solar systems (www.MPEI.com/CPP)**
- **Up to \$2,000 per home for all-electric developments (no gas can be present at development) Maximum total award of \$50,000 per development.**
- **Up to \$2,000 per home for large scale efficiency projects on existing multifamily properties. Maximum award of \$25,000 per development.**
- **For more information contact Energy Resources Coordinator Megan Moore-Kemp (mmoore-kemp@mpei.com)**

Design/Plat Reminders

- If designing a subdivision, there are spacing requirements that must be met for the safety of the public and MPE Operations crews
 - Some subdivisions are not planning enough space for utilities
- Must maintain 10 feet from utilities
- Permanent structures are not allowed in the utility easement
 - Includes underground structures, such as foundation for building or decks
- Landscaping or screening of electrical equipment is not allowed within the utility easement. Access of equipment is extremely important for emergency operations.



