

2026 Construction Procedures, Standards and Awareness

Staking / Design Supervisor Andrew Rollstin
VP of Operations Adam Paulson
VP of Engineering Susan Henderson

March 31, 2026



Agenda

1. *Changes to the 2026 Electric Service Construction Standards (ESCS)*
2. *Changes to MPEI Processes*
3. *Customer Dig for Subdivisions only*
4. *Supply Chain*
5. *Generation Interconnection Process*
6. *Preferred Solar Installer / Heat Pump Contractor Training*
7. *Rebates Available*
8. *Design Plat Reminders*

Key Changes to the Electric Service Construction Standards

Responsibility of Member applying for new service

- Member responsibility for approval from HOA or town requirement on road crossings, vegetation, and meter placement.
- Load sheets will require a submittal of elevation drawings to verify meter location
- Meter needs to be located on gabled end or a permanent structural element 2' beyond meter can on either side and 2' in front
- Job sites needs to be clear and clean before they will be constructed

Key Changes to the Electric Service Construction Standards

Continued

MPE changes this year

- Largest transformer for 120/208 service is a 750 kVA any larger service/demand will require 277/480 voltage
- Capacity charge will be invoiced for any upgrade of service or new service.
- Reminder: Subdivisions where customer is staking line
 - Requirement for developers to provide a survey by licensed surveyor of ROW and easement for the placement of electric infrastructure
- Reminder: Final grade all grade needs to be within 6" of final grade before MPE will install infrastructure.

Key Changes to the MPEI Processes

- Meter Releases are required for all meter changes
 - MPE with clarification from the State Electrical inspector requires State Electrical inspections on any changes to the meter or bottom lugs of the meter socket
- New procedure from Staking Technicians
 - Estimate of Cost will be sent to the person applying for the service and will need to be approved by owner prior to sending a contract.

Pilot Program -Subdivision Customer Dig Option

- This is a pilot program that is continuing through the 2026 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
- **Sheldon Greenwood (Line Contractor Supervisor) will be MPE's point of contact for customer installed inspections x238**
- **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 Sheldon Greenwood
 - 970-887-3378, ext. 238

Pilot Program -Subdivision Customer Dig Option Continued

- *Before any construction begin, the easement and centerline staking will be completed and verified*
- *First Inspection includes*
 - *Depth of Trench, Location of pipe in trench, Location of pipe at vault location. Paint marks should be 18" from bottom to ensure 12" compacted fill above pipe*
- *Second Inspection*
 - *Fill and compaction, warning tape will be installed above pipe, view remaining spoils to fill trench.*
- *Also, Reference MPEI customer installed underground standards*
 - <https://mpei.com/sites/default/files/MPEI%20Customer%20Installed%20Underground%20Standards%20Final%2020240410.pdf>

Supply Chain Updates

- **Large distribution transformer above 750 kVA will need to contact Engineering as soon as possible.**



Generation Interconnection Process

- Required by PUC – 4CCR723-3
- Three levels of interconnection requests
 - Must submit application to be considered
- More information located on MPEI.com
 - <https://mpei.com/interconnection>
 - <https://mpei.com/net-metering>
- **MPEI requires one line and application for review and before solar construction**
- **\$250 application fee for Level 1 Interconnection**
- **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

Preferred Solar Installer Program

- <https://mpei.com/net-metering>

Heat Pump Contractor Training

- MPE is helping to fund a Heat Pump Contractor Training put on by Sustainable Grand on April 14th . Contact Sustainable Grand for more information.

Rebates Available

- Available to individual members for Energy Efficiency and Electrification technologies – up to \$2,000 per member (www.MPEI.com/Rebates)
- \$1000/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.
- **REBATES PENDING FUNDING AVAILABILITY**
- For more information contact Director of Strategy and Programs 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.



