



DG Contractor Meeting

June 2026

Agenda



Special Announcement



Safety Moment



2025 & 2026 Review



Reminders



What's New & What's Next?



Questions?



We want to hear from you! Please use the Q&A feature for any questions

Congratulations!!!

40 YEARS

Blanka Anderson



Safety Moment – 60 Seconds to Prevent 60 Days of Recovery

Many incidents involve familiar tasks, not new ones. Distraction is a leading factor in slips, trips, and other injuries.

3 Simple Actions:

1. Pause before you start – Ask: What could go wrong?
2. Stay present – Avoid multitasking (especially phones while walking)
3. Use the right PPE/tools – Even for “quick” tasks



2025 in Numbers

- Applications: **4,976 (58.33 MW)**
- Installations: **3,513 (48.62 MW)**
- TEP Average Review Times
 - Application Review: **3 Days**
 - Technical Review: **12 Days**
 - NIC Review: **2 Days**
 - Inspection: **5 Days**
 - Meter installation after final review: **8 Days**

2026 in Numbers (YTD)

- Applications: **1,383 (12.6 MW)**
- Installations: **1,110 (14.61 MW)**
- TEP Average Review Times
 - Application Review: **6 Days**
 - Technical Review: **10 Days**
 - NIC Review: **1 Day**
 - Inspection: **4 Days**
 - Meter installation after final review: **5 Days**



Reminders

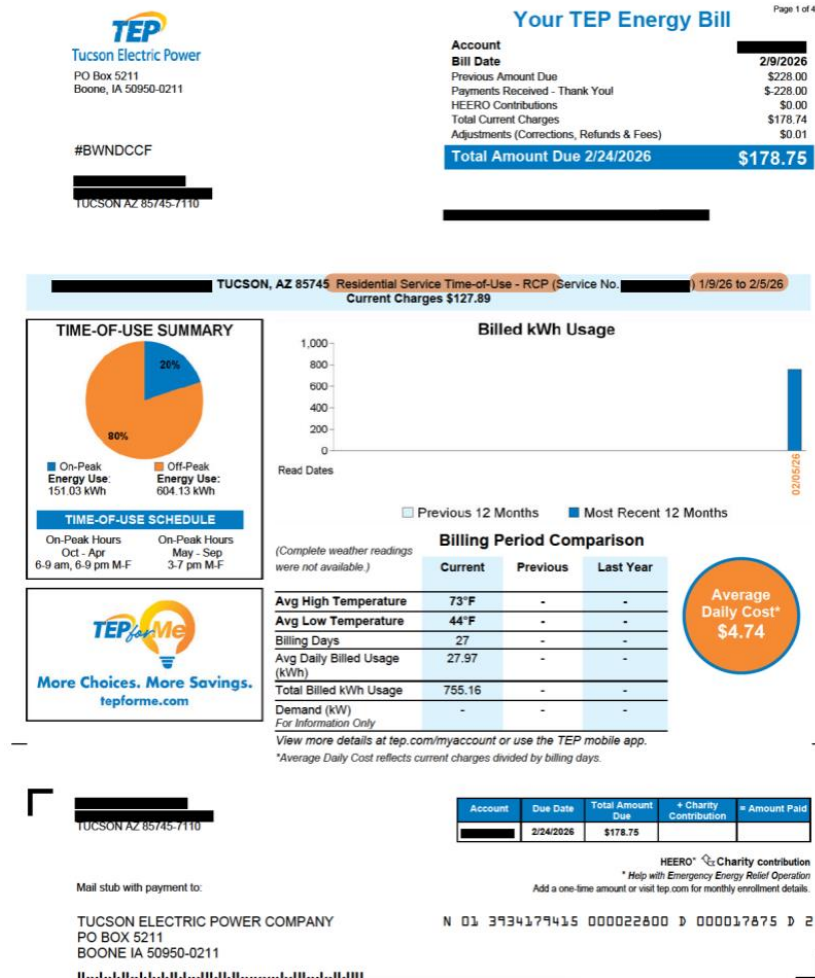
Reminders – Resources & Where to Find Them

- **TEP Service Requirements**
 - Available at tep.com/electric-service-requirements/
 - Start with the 700s!
- **Installer Rooftop Solar Webpage**
 - Available at tep.com/residential-interconnection/
 - Important information, checklists, and sample customer documents available here
- **Configuration Equipment Kits**
 - Available at Border States Electric for Level 1 Residential systems at no cost
 - Kits include:
 - Meter socket
 - Disconnect (60 amp)
 - Label 1, 2, 3, and more as applicable



Reminders – DG Rates and Riders

- Rider-14: Resource Comparison Proxy (RCP) Export Rate
 - New Residential or Small General Service DG customers
 - Monthly bill credit for exported energy
 - RCP rate is based on the **application date** of a project
 - Current RCP rate is \$0.0513 (starting October 1, 2025)
- Rider-4: Net Metering (NEM)
 - No longer available for new Residential or Small General Service DG customers
 - Customers with grandfathered Net Metering keep that rate for 20 years
 - 1:1 bill credit for exported energy
 - Additions to NEM systems do not risk losing NEM **unless** the addition requires facility upgrades (e.g., a transformer upgrade)
- New Residential or Small General Service DG customers will be on a Time-of-Use or Demand Time-of-Use Rate

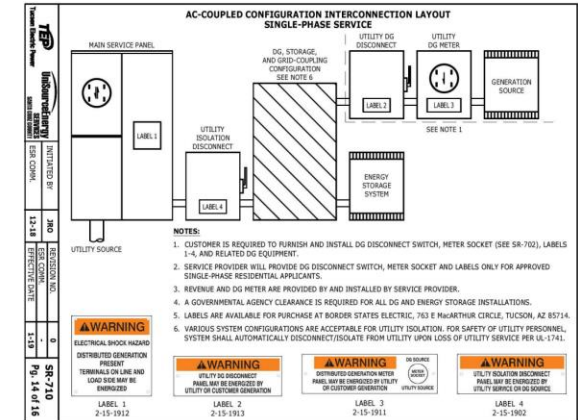
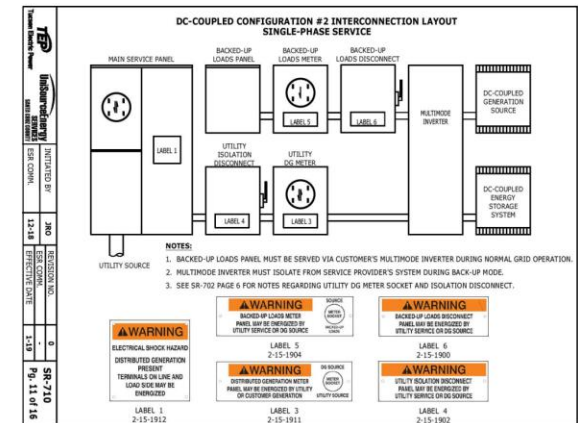
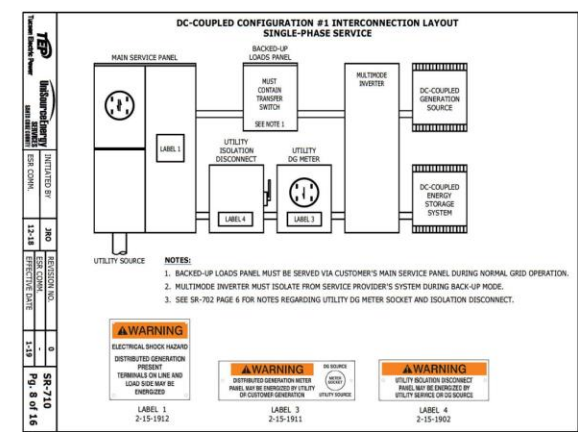


Reminders – Application Information

- PV System Specification Calculator vs Manual Entry
 - Calculator should always be used, unless equipment is not listed
 - Manual entry should not be used for energy storage equipment like the Tesla expansion pack
 - Calculator shows all equipment on the CEC equipment list
- Variance Requests – Equipment Location
 - Requests will be considered on a case-by-case basis
 - Requests must be submitted in the application **not** via email
 - Photos and detailed explanation showing proposed location and justification for the requests must be included

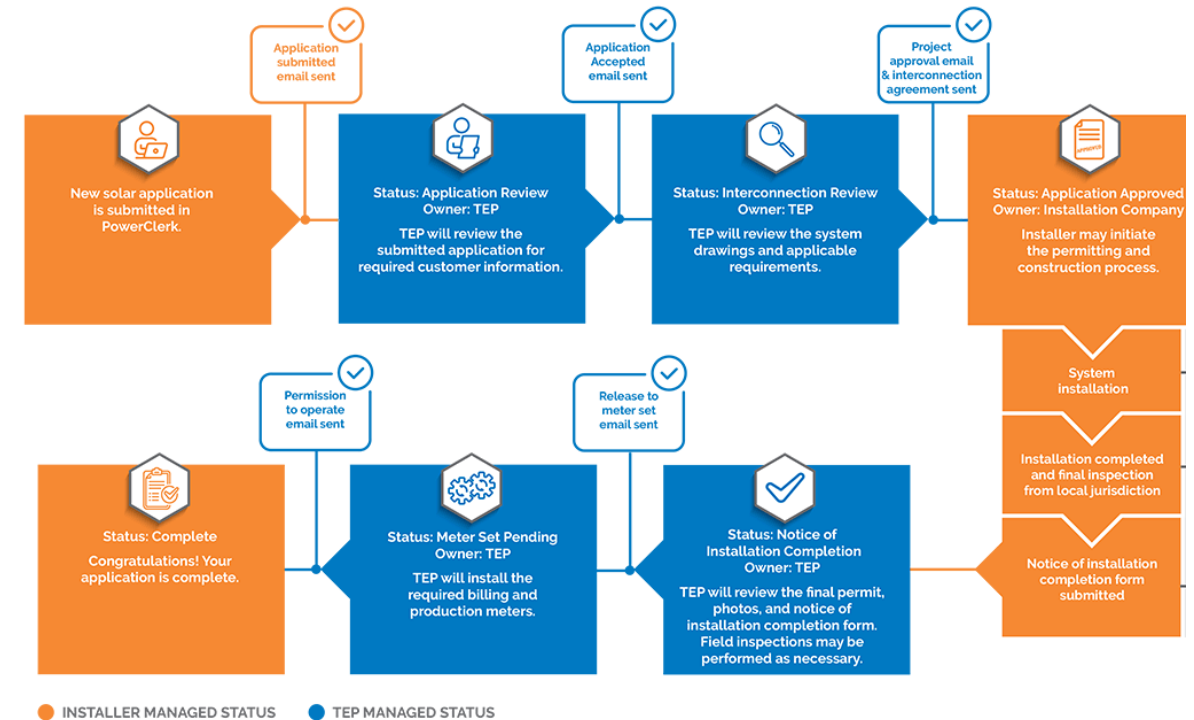
Reminders – Energy Storage Configurations

- Approved configurations are found in SR-710
- AC vs DC Configurations
 - Based on the equipment configuration and DG meter location
 - Not based on the technical coupling (AC vs DC)
 - AC Coupled batteries can fit within the DC Coupled Configurations
 - DC Coupled batteries can fit within the AC Coupled Configurations
- Only a single DG meter is allowed
 - For DC Coupled configurations, a backed-up loads meter is allowed
 - Secondary (or more) DG meters are not accepted outside of the DC Coupled configurations



Reminders – Order of Operations

- Do not install systems prior to Application Approval
 - Possible impact to project cost, time, and customer experience
- Do not schedule AHJ inspections without a TEP Work Order number
 - Clearances can be harder to connect to projects if received too early
 - Communication is sent within 24 hours of the work order creation
 - Communication is sent upon the receipt of the AHJ Clearance
- Do not submit NIC before final field inspections
 - AHJ clearance must be transmitted directly to TEP
 - Design Services Inspections must be completed by TEP Contracted Field Inspector



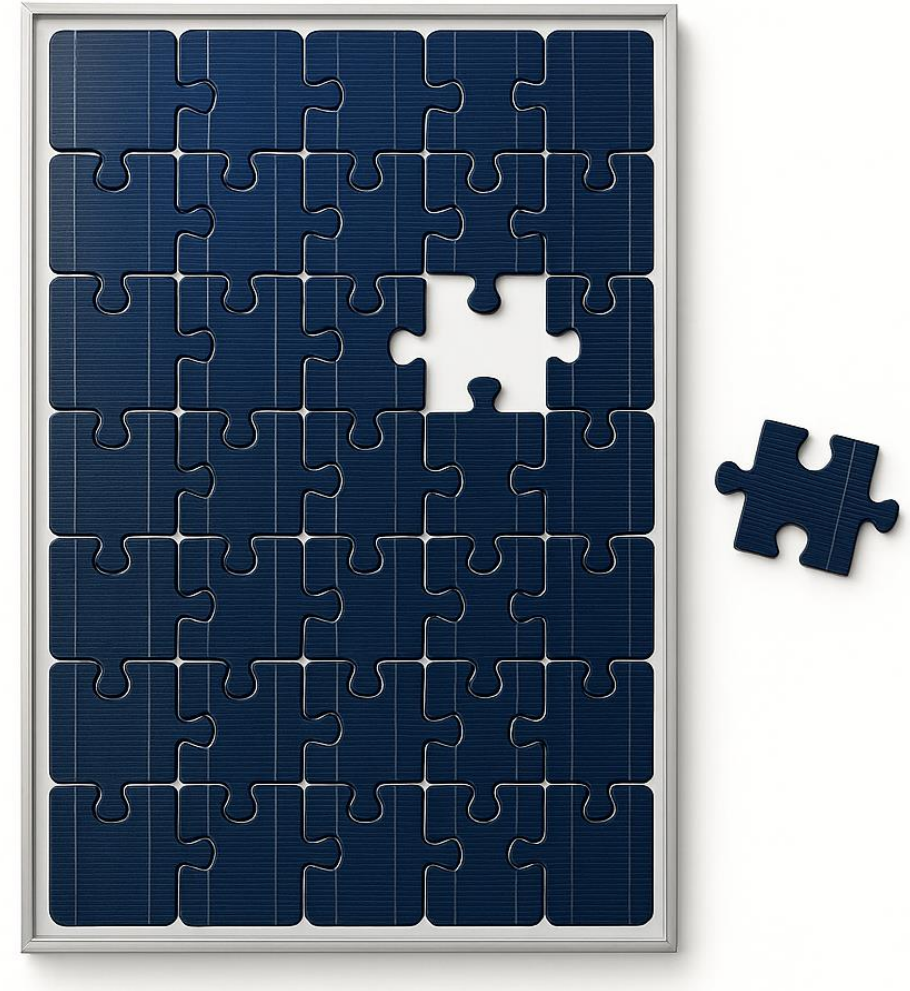
Reminders – Work Orders and Power Kills

- Work Order timelines
 - Standard timeline: 5 business days
 - Main Panel Upgrade/Exchange or Line Side Tap: 10-15 business days
 - Site visit from a Design Serviced Field Technician is required (5-10 days)
 - Design Services will contact you (the installer) to schedule
- Power kill scheduling
 - Scheduled with Design Services
 - Must have an AHJ inspection scheduled for the same day
 - Help us prevent multiple power kills
 - All work requiring a power kill must occur on the same day
 - Notify at the time of scheduling that multiple power kills will be required, if necessary
 - Notify Design Services at least 48hrs in advance if you need to reschedule or cancel
 - Do not complete work hot
 - A power kill and AHJ clearance will still be required to ensure the work meets TEP safety standards



Reminders – Orphaned Projects

- What is an Orphan Project?
 - A project where the original installer is out of business or no longer operates in the state of Arizona
 - This information **must** be verifiable by TEP
 - Some timeline restrictions may apply
- If a project qualifies as an Orphan Project:
 - The customer must complete the Solar Customer Release Form
 - The PowerClerk project can be transferred to the new installer
- If the project does not qualify as an Orphan Project:
 - The customer must request the original project be withdrawn
 - A new application must be submitted in PowerClerk
 - All interconnection application steps must be followed





What's New & What's Next?

Customer Resources – What's New?

- Homeowner rooftop solar website
 - Updated for a better customer experience:
<https://www.tep.com/residential-solar>
- How to read your solar bill videos
 - “How to Read your Solar Electric Bill” and
 - “How to Read Your Solar Electric Bill for Customers on Net Metering”
- Updated letters
 - Give more information and resources to customers and installers throughout the solar journey
 - Quick links, timelines, next steps, and points of contact
- Customer surveys
 - Now sent through PowerClerk
 - TEP Solar Journey Check-In Survey
 - Evaluates the sales experience and gives information on installer performance
 - TEP Solar Journey Feedback Survey
 - Evaluates installation experience and gives information on installer and TEP performance

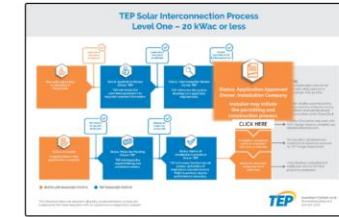
Dear {full_name, Property Owner},

PLEASE KNOW: Your project review is complete, so construction may now begin. The next step for you, our customer, is signing the required **Interconnection Agreement**. An e-signature packet from tep_na2@docuSign.net has been emailed to {data: USignee1_Email}. Please watch for this email, as signing the agreement is necessary before we can set your meter. Check your spam folder if you do not receive this e-mail within a day of this correspondence.

NEXT STEPS: The next step is for your **Installer**, {data: Installer Project Management Company Selection}, to secure permits and begin construction on the approved system. We've prepared the attached Approved System Details as well as a handy checklist for you to use during construction. Keep this nearby as we believe it will be very helpful to you later in the process.

Once the permit has been issued, we encourage your installer to submit the permit number to TEP using the Proof of Project Advancement (PPA) form as soon as possible. Providing this information early helps us stay aligned with your project and allows construction and the remaining steps to move forward without unnecessary delays.

To ensure a smooth installation, please submit the **Customer Access Concerns Form** to TEP if you have any physical barriers our personnel might encounter at your home, such as a dog in the yard or a locked gate. The Customer Access form will be available to be submitted for **10 days** after receiving this email.



INSTALLER TIMELINE: **180 Day Solar Construction Deadline - (date: To Build Deadline)** We are here to support you every step of the way. Should an extension on the timeline be needed or if changes to your project occur, {data: Installer Project Management Company Selection}, can reach out to communicate the necessary adjustments and work with us to receive approval.

Need to reach us about your project? E-mail sales@tep.com. Customer billing questions? Reach out to Customer Services at tepcustomer@tep.com or by calling 520-817-3673. You may also access your TEP account by [clicking here](#). {data: Installer Project Management Company Selection}, for quick project access, please use the link listed below:

CUSTOMER SUPPORT RESOURCES

[Follow the Solar Work Flow](#)
[Residential Solar Systems - TEP](#)
[Customer Access Concerns Form](#)
[Expectations and Milestones](#)
[Commonly Used Terms in Solar Installation](#)
[Sample copy of Interconnection Agreement](#)
[DocuSign Instructions](#)

Together, we're creating a more sustainable environment for our community.

The Customer Solar Interconnections Team

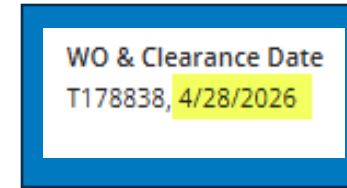


Installer Quick Access Project Link: [Click Here](#)



TEP PowerClerk – What's New?

- Clearance dates
 - Date the final AHJ clearance was received by TEP
 - Available in the Project Summary in PowerClerk
- Grid Export Limit field
 - Available in the application and at NIC (if applicable)
 - ONLY for systems where the installed system size is less than the exporting system size
 - Errors here can affect the project screening and NIC submission



Will your system be utilizing a grid export limit? *

Yes



Grid Export Limit System Requirements

Please be advised of the following requirements regarding system documentation and data entry:

- System information must be entered through the calculator, or via the manual fields if the equipment is not available in the calculator. All equipment intended for installation at the premise must be accurately reflected in the application and on the drawings.
- All drawings for systems utilizing grid export limiting technologies must clearly indicate:
 - That grid export limit is being utilized
 - The grid export limit (in kW AC)
 - The grid export limiting equipment and/or the method used to achieve the grid export limit
- Drawings will be compared with the grid export limit information in the application to verify that the equipment details and export sizes are consistent.
- The system export kW AC must not be greater than the total application kW AC.

[Need additional help? View the Grid Export User Guide.](#)

System Export kW AC *

TEP PowerClerk – What's Next?

- NIC Submissions – Q2
 - Work Order number will be required before NIC can be submitted
- Single Application – Q3
 - Application for Interconnection and Installer System Specifications Submittal will be combined
 - 90 day “staging” period will no longer be available
 - Important to keep in mind for the RCP rate change in October
- Design Inspection Status – Q3
 - Will be visible in PowerClerk and show “Design Inspection Required/Passed”
 - Communication is currently being sent when the Design Inspection has passed
- Scope of Work Section – Q3
 - Method of Interconnection, Power Kill information and Meter Socket Adapter information will be combined
 - Reduce redundancies and simplify the application
- Internal Integration – Q4
 - Integration with TEP’s customer account platform will allow customer information to be quickly pulled into the PowerClerk application

Section 6 - Project Scope of Work

Please select all answers that apply to the planned project work.

☐ Load Side Interconnection (Breaker, Feeder Tap, etc.)

☐ Line Side (Supply Side) Interconnection - Solar Ready w/ auxiliary breaker

☐ Line Side (Supply Side) Side Tap (LST)

☐ Meter Socket Adapter (MSA) in the utility billing meter socket

Meter Socket Adapters *

Please select the manufacture/model MSA you are using *

Select...



Function

Please provide the Model and Manufacturer for your MSA *

Please Note: Your Project will require for the MSA form below to be generated, signed by your customer and reattached for project submittal

MSA Customer Form

Generate Document

Customer Signed MSA Form *

Browse

☐ Installing New Main Service Panel (Service Decrease, Service Increase, or Like-for-Like Panel Change Out)

New Main Service Panel Selection *

Select...



Please provide the amps for the NEW main service panel *

Please provide the main circuit breaker amps for the NEW main service panel. *

☐ Replacing Main Breaker in Existing Service Panel (Derate, Increase, or Like-for-Like)

Please provide the NEW Main Breaker Derate amps * ?

☐ New billing/revenue meter socket will be installed

☐ Existing billing/revenue meter socket will be replaced

☐ New billing/revenue meter CT cabinet will be installed

☐ Other Scope of Work

Will this require a power kill

☐ Yes

☐ No

Other Scope of Work requiring a power kill

Installer Resources – What's Next?

- Updates to existing installer resources
 - Drawing review checklist, NIC photo checklist, etc.
- Creation of new installer resources
 - Guidance and checklists for each stage of the process
 - Guidance and checklists for common situations (meter pulls, variances, etc.)
- Update Announcements
 - Updated and new resources will be announced using the banner in PowerClerk, and via email
 - If you are not on the listserv that received this meeting invitation, please reach out to renewables@tep.com



2026 DG Drawing Checklist



Modification Process – What's Next?

The process to request a modification to an approved project will be streamlined

Installer uses Modification Request form & submits form to TEP for Review



Project moves to **TEP Modification Requested** & is reviewed on a first come first service basis



Program Coordinator will either approve, send back to System Installation with questions or ask for a technical review for approval depending on modification

What has Changed:

The list of what is considered a Major Modification has been confined to the following:

- Change in Method of Interconnection (Line Side vs Supply Side)
- Change in scope of work if it affects power kill request
- Change in technology
- Compliance with TEP Service Requirements

If there is a system size change of 1 kw or higher, please notify Renewables@tep.com to discuss

TEP Service Requirements – What's Next?

- TEP is in process of updating the DG related Service Requirements
- Focus on collaborative updates that:
 - Maintain a focus on safe interconnection of DERs
 - Incorporate stakeholder suggestions when feasible
 - Consider new technologies and the ever-changing landscape of DG
- Updates as we progress
 - More information will be available prior to launch of new SRs
- Service Requirement Change Requests
 - Changes to TEP Electric Service requirements can be requested by completing the Change and Comment Form
 - Tep.com/electric-service-requirements/

INTERCONNECTION REQUIREMENTS INVERTER-BASED DISTRIBUTED GENERATION SOURCES FOR SINGLE-PHASE CUSTOMER SERVICES

1. Purpose

These electric service requirements include information for use by the Service Provider and customers for interconnection and parallel operation of small inverter-based, distributed generation (DG) sources with the Service Provider's distribution system. The document is an application of SR-701 "GENERAL REQUIREMENTS FOR CUSTOMER INSTALLATION AND OPERATION OF DISTRIBUTED GENERATION SOURCES" along with the "DISTRIBUTED GENERATION INTERCONNECTION REQUIREMENTS (DGIR)" as filed with and approved by the Arizona Corporation Commission (ACC). The requirements presented are to ensure the safety of both utility and customer personnel and property.

2. Applicability

This document applies to all distributed generation sources, single-phase, inverter-based, capable of parallel operation with the Service Provider's distribution system. It pertains only to interconnection with single-phase, 120/240V, 3-wire services. For interconnection with three-phase services, please refer to SR-703.

3. Definitions

Backfeed: To energize a section of the Service Provider's distribution system from a generation source other than the Service Provider.

Disconnect Switch: A visible open disconnect device that the customer is required to install and maintain in accordance with the requirements herein. It will completely isolate the customer's generating facility from the Service Provider grid.

Distributed Generation (DG): Any type of customer electrical generator, static inverter, or generating facility interconnected with the distribution system that either (1) has the capability of being operated in electrical parallel with the distribution system or (2) can feed a customer load that can also be fed by the distribution system.

Distributed Generation Interconnection Requirements (DGIR): Document conformed to ACC Docket No. E-00000A-99-0431 Decision No. 69674, dated June 28, 2007, that describes, procedural, administrative, and technical requirements for the interconnection of DG to the Service Provider's distribution system for the purpose of parallel operation. The DGIR document can be found at the following link:
<https://www.tep.com/wp-content/uploads/2016/04/dgir.pdf>

Distribution System: The infrastructure constructed, maintained, and operated by the Service Provider to deliver electric service to retail customers at primary and secondary distribution voltages (13.8kV and less).

Generating Facility: All or part of the customer's electrical generator(s) and/or inverter(s) together with all protective, safety, and associated equipment necessary to produce electric power at the customer's facility.

Island: A condition in which a portion of the Service Provider's distribution system is energized solely by one or more customer generating facilities through the associated point(s) of interconnection while that portion of the Service Provider distribution system is electrically separated from the rest of the Service Provider distribution system.

Line Side (Supply Side) Interconnection: Interconnection of the customer generation output between the Service Provider revenue meter and the customer main service disconnect(s).

Load Side Interconnection: Interconnection of the customer generation output at a point on the customer-side of a main service disconnect.

		INITIATED BY	DM	REVISION NO.	1	
		ESR COMM.	9-17	ESR COMM.	3-18	
				EFFECTIVE DATE	3-18	Pg. 1 of 12

Qualified Installer Program – What's Next?

- Thank you for submitting your applications!
 - Please contact TEPinfo@elaz.org if you would like to apply.
- Accepted companies will be contacted soon to begin onboarding.
- Once all accepted companies have onboarded, the list will be launched to customers.

We appreciate your patience as we work to make this program the best resources we can for our shared customers!



Questions?

Q&A

Answers valid as of 6/23/26 and are subject to change. Reach out to renewables@tep.com for up-to-date information.

Q: Have there been any changes to build time or extension requests required after applications are approved? Some of our recent projects are no longer showing expiration dates.

A: There have not been any changes. If you are not seeing timelines that were previously there, please email renewables@tep.com.

Q: How does the installer know when the Design Services inspection has been completed, to be able to submit the NIC?

A: An email will be sent to the installer through PowerClerk notifying the installer that the Design inspection has passed or failed. This is a new process that we are working to streamline and perfect.

Q: Are there any considerations for allowing an additional client to receive the Interconnection Agreement document but not as a signatory?

A: Unfortunately, that functionality does not exist in the DocuSign and PowerClerk connection. We will take this feedback and share it with PowerClerk to explore the potential.

Q: Is the default rate for non-DG customers also TOU?

A: The default rate for non-DG residential customers is not TOU. Residential customers are typically placed on a basic residential rate unless the request a different rate plan.

Q&A

Answers valid as of 6/23/26 and are subject to change. Reach out to renewables@tep.com for up-to-date information.

Q: Do you have a timeline for updated SRs that reflect the verbal interpretation of ESS configurations that are not reflected in the SRs?

A: We currently do not have a timeline for the update of the Service Requirements; however it is actively being worked on by TEP.

Q: If the original installer loses their contractor's license, why does this not qualify the customer as an Orphan System?

A: TEP's current definition of an Orphan System is a project where the original installer is out of business or no longer operates in the state of Arizona. The loss of an Arizona Registrar of Contractors License can be a factor in considering a project an Orphan, but it is not sufficient on its own given our definition of an Orphan System. Please check our website or reach out to renewables@tep.com for the current definition of an Orphan System, and up-to-date processes for these projects.

Q: What lead time is TEP experiencing currently for adding New Installers to PowerClerk?

A: The time is dependent on the quantity of new installers requesting access at any given time. Typically, access can be given 2-7 days after TEP receives all required information.