

Interconnection of Distributed Generation Facilities

❖ Overview

The interconnection of distributed generation facilities is governed by the Illinois Administrative Code. The applicable Part of the Code depends on the size of the proposed facility:

- Facilities equal to or less than 10 MVA: Part 466, “Interconnection of Distributed Generation Facilities”
- Facilities greater than 10 MVA: Part 467, “Interconnection of Large Distributed Generation Facilities”

Each of the above Parts includes a description of the interconnection process, applicable fees and deposits, and templates for various applications, contracts and agreements associated with the process.

ComEd has automated much of the interconnection process via its interconnection web portal, including submittal of applications and other documentation, as well as ongoing communications and status of interconnection projects. The interconnection web portal is accessible via the ComEd web site. The site also includes other information about interconnection to the ComEd Transmission system as well as participating in the ComEd Net Metering Program. A link to the site is shown below.

<https://www.comed.com/MyAccount/MyService/Pages/CustomerGeneratedPower.aspx>

❖ Interconnection Process Steps

Following are the key steps involved in the distributed generation interconnection process.

Pre-application (optional): A potential applicant may request a pre-application report for a proposed project at a specific location. ComEd will use the information provided by the applicant to assess distribution facilities that are likely to serve the proposed project and provide a pre-application report to the applicant that includes information to aid the applicant in determining whether or not the location may be suitable for its project. The information included in the pre-application report is non-binding and is intended to be a high-level initial review. It does not replace the need for the applicant to submit an interconnection application, or the need to conduct further technical reviews.

Interconnection Application: If an applicant wishes to proceed with its project, the applicant must formally submit an interconnection application to ComEd, along with the associated application fee. ComEd will review the application for completeness, technical accuracy, and

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appropriate level and notify the applicant if there are any deficiencies. Once the application is deemed to be complete, the project is assigned a queue position.

Technical Review: ComEd conducts the necessary technical reviews pursuant to the Illinois Administrative Code to identify any potential adverse condition to the electric system resulting from interconnection of the applicant's project, as well as any potential facilities construction or upgrades (with associated cost estimates) that may be required to interconnect the project.

Based on the Level of the application a project may qualify for an expedited review (i.e., Levels 1, 2, 3). Projects that do not qualify for expedited review will require a full technical review (i.e., Supplemental Review, Feasibility Study, System Impact Study, and a possible Facilities Study). If a full technical review is required, ComEd will also provide the applicant with a study agreement for each of the studies above, for execution by the applicant. By executing the study agreement and submitting the associated study deposit, the applicant authorizes ComEd to conduct the study.

The criteria for determining the review Level, as well as the procedures for each of the review levels, are described in Part 466, Sections 80 through 120 or Part 467, Sections 60 and 70.

Interconnection Agreement: If a proposed project is deemed to be acceptable for interconnection to the ComEd electric system, ComEd will provide the applicant with an Interconnection Agreement (IA) specifying any required utility work. The IA includes the scope, schedule and costs for construction of facilities. Execution of the IA by both parties authorizes both the applicant and ComEd (if required) to: procure materials, begin engineering and construction of facilities necessary to interconnect the project.

Engineering, Construction & Inspection: The applicant completes construction of the distributed generation facility and obtains any necessary inspections. ComEd completes construction of facilities required to interconnect the applicant's project to the electric grid, as well as any system upgrades that may be required.

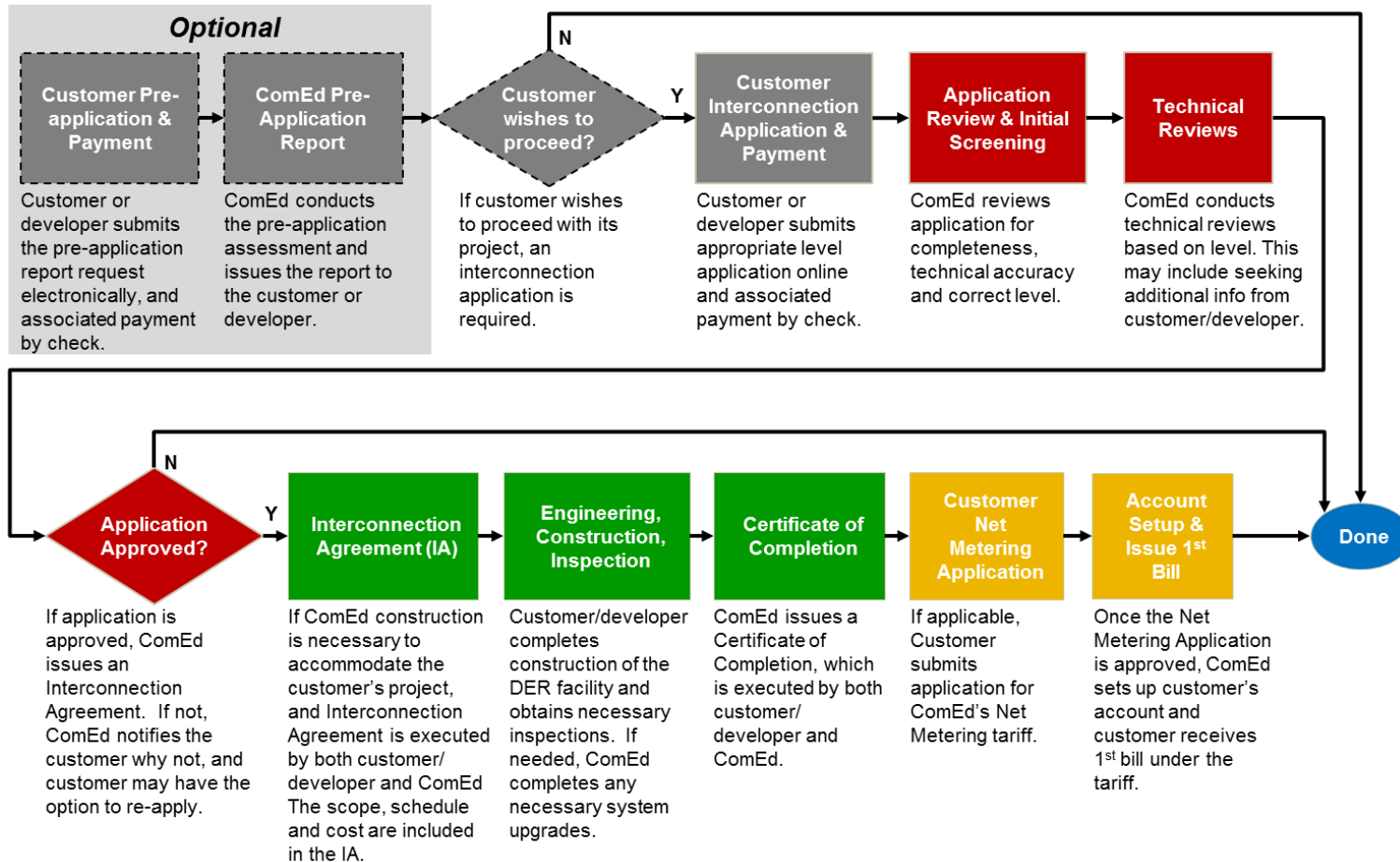
Certificate of Completion: Once the applicant notifies ComEd that construction of its facility is complete and the necessary inspections have been obtained, ComEd will provide the applicant with a Certificate of Completion to be executed by both parties. Once executed, the applicant is authorized to operate its distributed generation facility in parallel with the ComEd electric system.

The diagram on the following page provides a general illustration of ComEd's distributed generation interconnection process.

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ComEd Distributed Generation Interconnection Process

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❖ Action Items for Community Supply Developers:

- If desired, submit request for pre-application report, with associated fee, via ComEd's interconnection web portal
- Submit complete interconnection application, with associated fee, via ComEd's interconnection web portal
- Provide clarifying information to ComEd, as requested, to complete application completeness review.
- If an application requires a full technical review, execute study agreements and submit to ComEd with associated fees.
- Execute Interconnection Agreement provided by ComEd.
- Establish a ComEd account number
- Execute Rider POG election form and project proof of QF certification
- Once construction is complete on the proposed distributed generation facility and all necessary inspections have been obtained, notify ComEd
- Execute Certificate of Completion provided by ComEd

RESOURCES

❖ Documentation

Document	Where Found
Illinois Administrative Code	ftp://www.ilga.gov/JCAR/AdminCode/083/083parts.html
Illinois Administrative Code, Part 466	ftp://www.ilga.gov/JCAR/AdminCode/083/08300466sections.html
Illinois Administrative Code, Part 467	ftp://www.ilga.gov/JCAR/AdminCode/083/08300467sections.html

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❖ ComEd Resources

ComEd provides resources to assist Community Supply Developers in understanding distributed generation interconnection processes.

- **ComEd web site (Customer-Generated Power page)** ComEd's website (www.comed.com) provides a great deal of information for customers and developers who may be interested in interconnecting distributed energy resources to the ComEd grid. The information can be found by hovering the cursor over the My Account tab, then selecting Customer-Generated Power from the menu under the My Service heading. Information is organized by application type (i.e., transmission, large distribution, small distribution, net metering), and includes a variety of resources describing the interconnection processes, as well as a direct link to ComEd's interconnection web portal.
- **ComEd Interconnection Web Portal (direct link)** – Allows customers and developers to register and submit applications, track project status, submit and receive documentation, and communicate online with ComEd. The direct link to the web portal is <https://interconnect.comed.com>. The link can also be found on ComEd.com in the Customer-Generated Power/Distribution < 10MVA page. Additional resources that can be found on the web portal webpage are:
 - **Frequently Asked Questions**
 - **ComEd Interconnection & Net Metering User Guide**
- **ComEd Community Solar Portal (CSP)** – Allows Developers to submit their CS Project Application. Developers also use the CSP to manager their subscriber subscriptions. The direct link to the CSP is [Accounts \(comed.com\)](http://Accounts.comed.com). This link can also be found on ComEd.com in the My Green Power Connection, under Developers and Contractors.

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