Welcome to PPL EU

PPL Electric Utilities
Transmission Planning - Interconnection Affairs
Two North Ninth Street
Allentown, PA 18101

Dear Interconnection Customer,

PPL Electric Utilities welcomes you to its family of customers. We strongly support a great partnership and are committed to helping every customer understand how they can interconnect to our grid. We want to thank you for your interest and look forward to working with you.

This welcome packet is created by the PPL Electric Utilities Interconnection Affairs group to provide you, the Interconnection Customer, general guidelines for connecting to our transmission grid. The information contained in this packet is not intended to cover all details and requirements of a proposed interconnection project. You assume all costs for all project phases, and all associated facilities required to satisfy the technical and regulatory requirements for our transmission grid. The recipients of this packet shall retain the information for their sole use. The information in this packet is also subject to change without notice.

Once again, we are glad to have you as a new customer, and hope we can help you make the right decision. Contact us at PPLT-PlanningCustomerRequest@pplweb.com with any questions, concerns or feedback.

Regards,

PPL –Interconnection Affairs
Legal Disclaimer

This document is for informational purposes only. PPL Electric Utilities shall not be held liable for indirect, special, incidental, punitive or consequential damages of any kind including loss of profits, arising under or in connection with the use of this Interconnection Customer Welcome Packet.
As PPL EU is a member of PJM, all proposed interconnections to the PJM transmission system shall follow the process outlined in PJM manual 14A, available at: [http://www.pjm.com/library/manuals.aspx](http://www.pjm.com/library/manuals.aspx). Please contact PJM on matters relating to the interconnection process and associated studies. The following flowchart provides a high level summary of the PJM Interconnection Process.

**Interconnection Process Flowchart Summary**

- **Request**
  - Interconnection Customer submits request to PJM and obtain queue number
  - PPL EU obtains request from Interconnection Customer

- **Kick-Off/Scoping Meeting**
  - Meeting between PJM, Interconnection Customer and PPL EU
  - Discuss project particulars and technical details

- **Feasibility Study**
  - Initial evaluation of the type and scope of the work required
  - Identification of Attachment Facilities, Direct and Non-Direct Connection Facilities, Local and Network Upgrades
  - Preliminary schedule to construct necessary facilities, upgrades and order of magnitude budget (40% cost estimate)

- **Impact Study**
  - Detailed system analysis that tests deliverability under peak load conditions as well as test impacts on system stability
  - Refined, comprehensive scope, schedule and order of magnitude budget (30% cost estimate)

- **Facilities Study**
  - Determination of required modifications to the PPL transmission system
  - Inclusion of scope, scheduled completion date for required modifications and order of magnitude budget (20% cost estimate)

- **Check In**
  - PPL EU checks in with the Interconnection Customer to discuss any updates to standards, expectations and answer related questions as necessary.

- **Agreements**
  - PJM work with PPL EU to draft the appropriate final agreements
  - Interconnection Customer reviews and signs the agreements
  - PPL EU reviews and signs

- **Construction**
  - Build assets as agreed in final agreements

- **Close-Out**
  - Back-Feed Service Date Milestone
  - Commercial In-Service date Milestone

*You Depend On Us. We Deliver.*
Standards

All transmission interconnection projects into PPL’s grid must meet established reliability, environmental and safety standards. The interconnection project must conform to established PPL standards and also to FERC, NERC and PJM reliability standards. These standards are publicly available and can be obtained by contacting the corresponding organization. Facilities must also comply with city, state and federal environment, and safety laws and regulations. The standards and requirements developed by PPL that the Interconnection Customer must adhere to, are accessible through the following link:

http://www.pjm.com/planning/design-engineering/to-tech-standards/private-ppl.aspx

Please note that these standards are subject to change at any time. The Interconnection Customer will be held to the standards in effect on the day PPL signs the Interconnection Service Agreement or the Construction Service Agreement.

For any PPL standards related questions, please contact PPL’s Interconnection Affairs group at PPLT-PlanningCustomerRequest@pplweb.com.
We're glad you chose to explore doing business with PPL Electric Utilities. Please visit the PPL EU Transmission Service page on the web for more information. We strive to maintain an effective business partnership that encompasses reliability, safety and environmentally responsible practices.

You Depend On Us. We Deliver.