Large Loads Exceeding 20 MW

How Does EPE Process Requests to Connect Large Loads to its System?[1]

Step 1 Application	Step 2 Preliminary Assessment	Step 3 Review	Step 4 More Comprehensive Study Work	Step 5 Service Agreement
Applicant triggers the EPE study process.	EPE performs an initial study, limited in scope, to identify whether the new load at the Applicant's desired location has the potential to cause the system to become unstable.	Applicant decides whether to move forward in the EPE study process.	EPE performs more comprehensive studies to identify how the Applicant's desired interconnection of load (together with any co-located generation) would impact the system, and to identify the facilities necessary for the interconnection and their estimated cost.	Applicant signs service agreement and becomes EPE customer.
Applicant submits application and study deposit (link to application).[2] EPE convenes a scoping meeting with Applicant.	EPE performs a steady-state analysis, based on information provided by Applicant. The steady-state analysis is to evaluate the load at the time of initial interconnection, and at the time of full build-out of load. If the Application identifies co-located generation, the type and size of the generating facilities at the time of the initial interconnection and at the time of full build-out will be considered in the study. Applicant may request an evaluation of a mid-point snapshot (a snapshot at some point in time after the initial	Applicant reviews the preliminary assessment results and determines whether to proceed with more comprehensive study work. Applicant signs an agreement to proceed with more comprehensive study work and submits required information,	EPE performs a transient (dynamic) study and an electromagnetic transient (EMT) study. The transient and EMT studies may be performed serially, or concurrently, depending on whether the Applicant is able to provide EPE with all necessary information for both studies at the start of this Step 4. Upon the conclusion of all study work, EPE will identify the facilities necessary for the interconnection, and provide an estimate of facility costs and timing for engineering, procurement, and construction activities.	Applicant signs a large load service agreement developed by EPE based on the specifics of the project.

[1] This process is subject to change, based upon new or modified requirements issued by governing regulatory bodies.
[2] Study results are based upon the assumptions upon which the study was performed. Changes to those assumptions will require re-studies.

	interconnection and before the time full load ramp up, if desired. The Applicant has the option to skip Step 2, and advance directly to Step 4, in which case, the steady state assessment will be performed in advance of the other studies. EPE will offer a preliminary identification of facilities at the conclusion of the steady state assessment.	together with additional study deposit(s).		
30 days (estimated) between submission of Application and the start of the Preliminary Assessment	90 days (estimated) for the completion of the Preliminary Assessment.	30 days for Applicant to review the study results and decide whether to continue with more comprehensive study work	Time estimates for these studies are to identified by EPE at the time of the study, based upon the facts and complexities of the project to be studied. EPE expects to complete the transient (dynamic) study work in approximately 90 days. An EMT study typically takes longer.	
Study deposit of $275,000 to be collected by EPE as part of the Application	Additional deposit may be required, depending on the study complexity.		Study deposit of $250,000 to be collected by EPE in advance of commencement of the transient (dynamic) study. EPE will collect a separate study deposit for the EMT study. Any unused portion of the Applicant's prior study deposits will be returned.	Customer provides initial installment of funds for engineering design, equipment procurement, and facility construction in the amount of 20% of the estimated cost.