

# Platte River Power Authority

## Interconnection Request Procedure

Responsibility: System Operations Compliance Specialist	Review Date: As Needed
Effective Date: August 7, 2012	Revision Date: October 16, 2017

Approved by:  (Engineering Department Manager) Date: October 16, 2017

Division: Power Delivery

### Purpose:

To outline Platte River's interconnection request procedure. Platte River may modify this procedure based on the specific circumstances of a requested interconnection.

## I. Procedure

### Contact Platte River and Submit Application

Before submitting an application, a party interested in connecting to Platte River's transmission system should call Platte River's Transmission and Ancillary Services contact identified in the Contact Information on Platte River's Open Access Same-Time Information System (OASIS) to discuss the proposed project. This conversation is intended to assist the interested party in its decision to submit an application and what types of studies are likely to be required.

The Requirements for Interconnection are available in the Interconnection folder on Platte River's OASIS. The document provides information about requirements for connecting to the Platte River transmission system and requirements for taking transmission and ancillary services from Platte River in order to deliver power to and/or from the point of interconnection. Platte River will make sure the Interconnection Party has access to these documents and other supporting safety, environmental and operations information.

A request for interconnection is separate from and in addition to a request for transmission service. The interconnection request procedures do not determine the capability of the transmission network to deliver and receive the electric power and energy requirements in the context of transmission and ancillary services. Nor does a signed interconnection agreement provide the interconnection customer with any rights to transmission service. Procedures for requesting transmission service from Platte River are found in the Open Access Transmission

Tariff (OATT) under Tariff Postings and in the Transmission Customer Registration Process on Platte River's OASIS.

The Interconnection Party should register with the Western Electricity Coordinating Council (WECC) before requesting an interconnection. The Interconnection Party should submit formal requests for interconnection at least three (3) years prior to project design needing to begin for a substation, and at least five (5) years prior to project design needing to begin for a transmission line. This lead time will help Platte River to perform coordinated joint studies with affected parties, and to develop a proposed plan, designs and specifications for Platte River-owned, Platte River-operated and/or Platte River-maintained facilities.

Submit an Application for Interconnection available in the Interconnection folder on Platte River's OASIS with a \$5,000 deposit which may be applied toward the System Impact and Facilities Studies.

Platte River may take up to 30 days to verify receipt of a valid interconnection request.

If Platte River denies the request for interconnection, we will provide a summary of reasons and make every reasonable effort to help the Interconnection Party revise the request.

Platte River's Municipal Owners follow a different procedure when requesting a new load-serving delivery point in accordance with associated contracts.

### **System Impact Study**

Within thirty (30) days of verifying receipt of a valid interconnection request, Platte River will determine if a system impact study is necessary depending on the nature of the interconnection. If a system impact study is not required then the Interconnection Party may proceed to the facilities study. If a system impact study is required then Platte River will provide a System Impact and Facilities Studies Agreement similar to the form available in the Interconnection folder on Platte River's OASIS in which the Interconnection Party agrees to advance funds for Platte River to perform the studies. The Interconnection Party must sign and return the agreement with a \$100,000 deposit to Platte River within thirty (30) days of receiving from Platte River the first customized draft of the agreement.

Platte River will conduct a system impact study, jointly with affected parties, which assesses the capability of the transmission system to support the requested interconnection. Platte River may decide to contract part or all of the study work with a consultant and pass the expenses through to the Interconnection Party. The Interconnection Party will pay for the actual cost of the system impact study including additional work that may be required above the estimated amount. Any funds remaining after the system impact study work is completed will be either applied to the facilities study or refunded to the Interconnection Party. The system impact study will use the reliability criteria and study methods described in the Reliability Criteria and Assessment Practices for Transmission Studies available in the Transmission Planning folder on Platte River's OASIS.

Platte River will identify neighboring entities on the interconnected transmission system who might be affected by the proposed interconnection and involve them in the coordinated joint studies. Platte River will notify all potentially impacted entities of proposed new or modified

facilities being considered for interconnection. The study may involve powerflow, stability, and short circuit analyses to identify system impacts, constraints, and any necessary system upgrades. Initially, Platte River will conduct only a powerflow analysis and provide preliminary results for the Interconnection Party to decide if it wishes to continue with the additional analyses required or to withdraw its interconnection request. Platte River will make every effort to complete the system impact study within nine (9) months.

Platte River will provide the Interconnection Party and other impacted parties with a draft system impact study report. Within thirty (30) days after receiving the draft study report, the Interconnection Party and impacted parties will provide feedback to Platte River on the study report. Meetings or conference calls will be conducted before finalizing the report. The system impact study report will be finalized within sixty (60) days after the initial draft report is distributed by Platte River.

### **Facilities Study**

Platte River will determine if a facilities study is necessary depending on the nature of the interconnection. If a facilities study is not required then the Interconnection Party may proceed to the interconnection agreement. If a facilities study is required and funds are remaining then Platte River may commence with the facilities study. However, if a system impact study report was prepared, Platte River will determine if the report is still valid or if it will be necessary to re-study the system impacts before continuing with a facilities study. If the system impact study is no longer valid due to changes in assumptions, data, or system condition for example, then the Interconnection Party will be asked if it wishes to proceed with the interconnection request. In either case, the facilities study must be started within six (6) months of the date Platte River issued the final system impact study report else the interconnection request will be deemed withdrawn.

Platte River will conduct a facilities study, jointly with affected parties, which provides a detailed list of facilities with cost estimates and time lines regarding the design, procurement, and construction of facilities at the point of interconnection, and if applicable, for upgrades or modifications to other facilities on the impacted systems. Platte River may decide to contract part or all of the study work with a consultant and pass the expenses through to the Interconnection Party. The Interconnection Party will pay for the actual cost of the facilities study including additional work that may be required above the estimated amount. Any funds remaining after the study work is completed will be refunded to the Interconnection Party. Platte River will make every effort to complete the facilities study within six (6) months.

Platte River will provide the Interconnection Party and other impacted parties with a draft study report. Within thirty (30) days after receiving the draft study report, the Interconnection Party and impacted parties will provide feedback to Platte River on the study report. Meetings or conference calls will be conducted before finalizing the report. The facilities study report will be finalized within sixty (60) days after the initial draft report is distributed by Platte River.

### **Environmental Review**

Environmental review activities will be determined by all parties involved.

### **Land Acquisition and Easements**

Land acquisition and easement activities will be determined by all parties involved.

**Interconnection Agreement**

At this point if the Interconnection Party is willing to move forward with the project then Platte River will draft an Interconnection Agreement similar to the form available in the Interconnection folder on Platte River’s OASIS. The Interconnection Party must sign and return the interconnection agreement to Platte River within ninety (90) days of receiving from Platte River the first customized draft of the agreement. Parties to this agreement will be Platte River, the Interconnection Party, and if applicable, other affected parties. The Interconnection Agreement will define among other things the design, procurement, construction, ownership, operation, maintenance, replacement, financial, and compliance responsibilities for the interconnection facilities and any necessary system upgrades.

Version History

Version	Date	Action	Owner	Change Tracking
1.0	02/06/12	New document	John Collins	New
2.0	08/07/12	Combine system impact and facilities studies into one agreement and accounting fund	John Collins	Revise
2.0	01/22/13	Review	John Collins	Review
3.0	10/16/17	Review, removed broken links. Updated locations documents in OASIS.	Matt Thompson	Review/Update