



### **NYISO**

- *Manages the operation of the high voltage transmission system in New York.*
- *Responsible for maintaining reliability of the transmission system, working closely with the Transmission Owners.*
- *Oversees, studies and coordinates the generation interconnection process to make sure the Project meets reliability criteria.*

### **Transmission Owners**

- *Owner of the transmission system where the Project will interconnect to the grid*
- *Studies the Project during the generation interconnection process in coordination with NYISO.*
- *Provides all engineering and design specifications for the Project's transmission interconnection facilities to connect to the existing electric transmission system.*

### **Generation Interconnection Process**

*Three step process coordinated by NYISO*

#### **Step 1 – Feasibility Study**

- o *Initial study performed to assess impacts of the Project on the transmission system.*
- o *Primarily focused on power flow and short circuit impacts to the grid.*
- o *High level cost estimate of required interconnection facilities provided.*
- o *Study usually takes approximately 6 months to complete.*

#### **Step 2 – System Reliability Impact Study**

- o *Detailed analysis performed to assess impacts of the Project on the transmission system.*
- o *Includes reliability studies covering power flow, short circuit and transient stability impacts.*
- o *Cost estimate of required interconnection facilities provided.*
- o *Study usually takes approximately 9 months to complete.*

#### **Step 3 – Class Year Study**

- o *Group study performed on multiple interconnection projects to assess their cumulative impacts to the transmission system.*
- o *Includes reliability studies covering power flow, short circuit and transient stability impacts.*
- o *Detailed cost estimate of required interconnection facilities provided, including engineering specifications.*
- o *Study usually takes approximately 12 months to complete.*

*Following completion of the Class Year Study, the Project will enter into an Interconnection Agreement with NYISO and the Transmission Owner covering the construction and operation requirements for the Project.*

