



Site Plan Education

Jonathan Thompson
Interconnection Projects Department
Interconnection Process Subcommittee
February 23, 2024

- Site Plan Expectations at Decision Point 1
- Clarify requirements for using same site control for multiple projects

Site Control Term

		Generating Facility	Interconnection Facility	Interconnection Switchyard
Submission 1 Application Phase	Full	100% Deed Lease Option (See Note 1)	<i>Not Required</i>	<i>Not Required</i>
Term Requirement		1 year from Application Deadline		
Submission 2 Decision Point 1 (See Note 2)	Partial	100% Deed Lease Option	50% Deed Lease Option Right-of-Way	50% Deed Lease Option
Term Requirement		1 year from last day of Phase 1		
Submission 3 Decision Point 3 (See Note 3)	Full	100% Deed Lease Option	100% Deed Lease Option Right-of-Way	100% Deed Lease Option (See Note 4)
Term Requirement		Additional 1 year from last day of Phase 3 (for Transition Cycles #1 and #2) Additional 3 years from last day of Phase 3 (for new Cycle)		

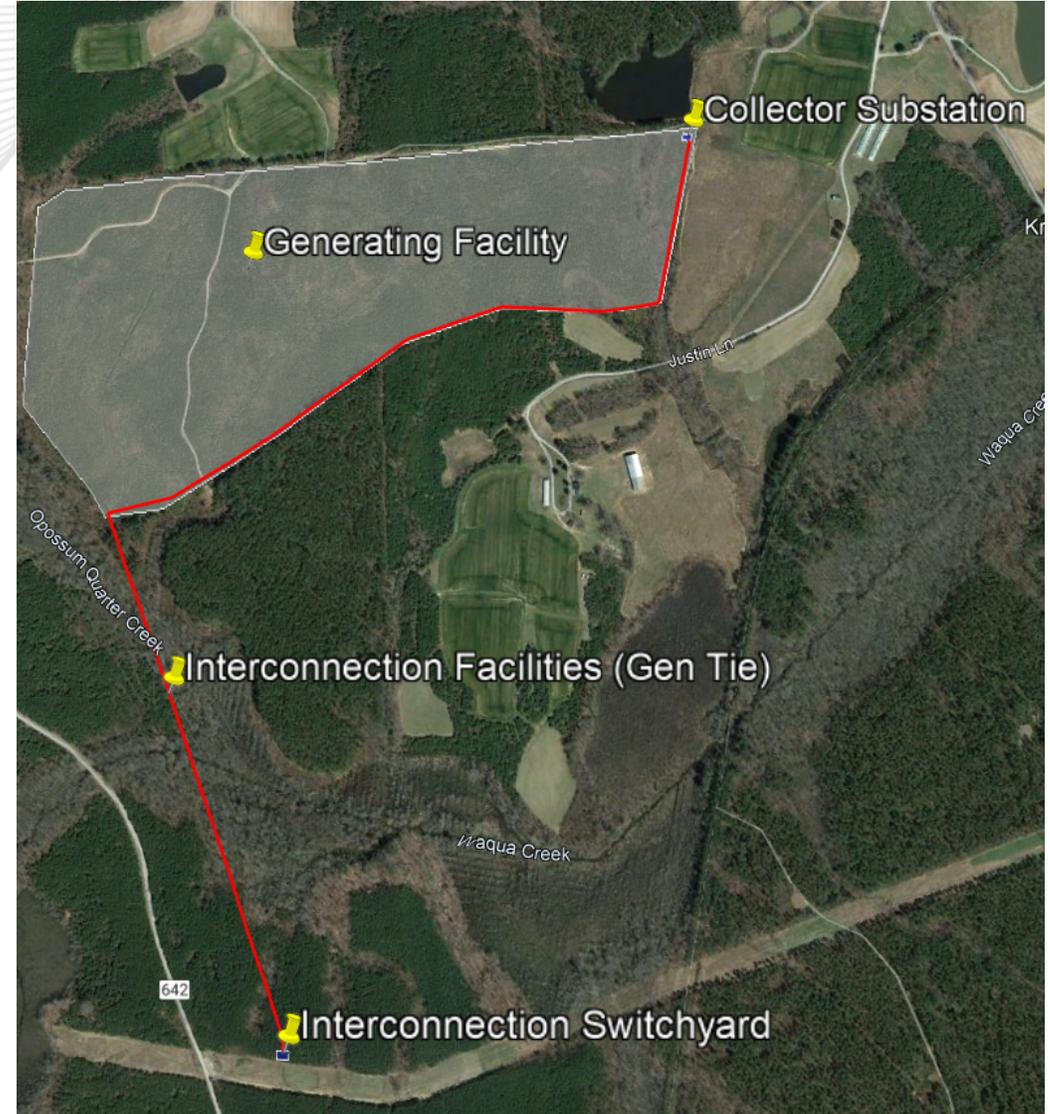
= 100% Site Control Required

= 50% Site Control Required

- At Decision Point 1 additional site control is required for 50% of right of way for Interconnection facilities (gen tie) and 50% of Interconnection Substation
- Site Plans need to reflect most up to date route for Interconnection Facilities and Interconnection Substation location
- Transmission Owners are depending on these updated site plans in Phase 2 to perform Physical Interconnection Facilities Studies
 - Important for gen tie approach into greenfield/existing substations
- Gen Tie routing shown on site plan should match distances used to show 50% of Interconnection Facilities

- Site Plan Minimum Requirements DP1
 - Property boundaries consistent with Site Control Provided at Transition and DP1
 - Site Control submitted at Transition must be maintained
 - If additional Site Control added, it must be adjacent either physically or via easement that is provided 100%
 - Location and boundaries of Collector Substation
 - Location and boundaries of Interconnection switchyard
 - POI
 - Interconnection Facilities (Gen Tie) route and mileage
 - Need to match provided easement evidence
 - Data files in Esri Shapefile (.shp) or Google Earth (.kml or .kmz)
 - Boundaries of New Service Requests if more than one represented on site plan

- 50% of Interconnection Facilities is measured from edge of Generator Facility to POI as reflected in Site Plan and additional Site Control provided at DP1
- Must reflect latest intended path and match provided easement evidence





- Tariff has additional requirements for site control used for multiple New Service Requests to ensure projects are concurrently feasible
- During debrief PJM identified this as an area consistency could be improved
- As noted above on slide 5, site plans/site control with more than one New Service Request need boundaries for each project
- Acreage must be sufficient for all projects or PE stamped drawing provided

- Tariff Part VII, Subpart A, Section 302.A.5
 - 5. **Project Developers are prohibited from submitting** evidence of **Site Control** that utilizes the same Site for **multiple New Service Requests** unless the **total acreage** amount of such Site is **adequate** to support all such New Service Requests.
 - b. To the extent that a Project Developer submits a New Service Request with Site Control evidence utilizing the Site that is also the subject of Site Control in New Service Requests submitted by other Project Developer's, such Project Developer shall include with its New Service Request evidence, to Transmission Provider's satisfaction, **demonstrating** that the project referenced in the Project Developer's New Service Request is **concurrently feasible** with the development of **any other projects** that will **share the Site** identified in the Site Control. Such proof of concurrent feasibility shall include:
 - b. **Identification of any other New Service Requests** that will share all or a portion of the Site identified in the Site Control; and
 - c. Identification of the **proposed location** and **space utilization of all projects** that will share the Site, **including acreage and boundaries** for all projects sharing the Site identified in the Site Control; and
 - d. Any related technical information required by the Transmission Provider to enable the Transmission Provider to determine that development of the project referenced in the submitted New Service Request is not inconsistent with development of any of the other New Service Requests that will share all or a portion of the same Site.

- Tariff, Part VII, Subpart D, section 309.A.1.b.i(a)
 - Such **Site Control evidence** shall be **identical** to the Generating Facility or Merchant Transmission Facility Site Control evidence submitted for a New Service Request in the **Application Phase**, and shall continue to **cover 100 percent of the Generating Facility** or Merchant Transmission Facility Site, including the location of the high-voltage side of the Generating Facility's main power transformer(s).
- Tariff, Part VII, Subpart D, section 309.B.5.a states that “Project Developer may specify a change to the project Site only if: “
 - the Project Developer **satisfied the requirements** for Site Control for **both the initial Site** proposed in the New Service Request Application and **the newly proposed Site**

- Several New Service Requests cannot provide an overall set of Site Control evidence that generically applies to all the positions
 - **Each square foot can only be used by one NSR at a time**
- Site Control should only be provided for the Site for that NSR
- Site Control used for more than one New Service Request must include on site plan the space utilization/boundary of each NSR
- If a NSR withdraws at a decision point, its site control can be added to another NSR under tariff rules

Presenter:
Jonathan Thompson

Jonathan.thompson@pjm.com



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com