

# Transition Cycle 2 Applications

Josh Stephenson Senior Engineer Interconnection Projects

## Transition Cycle #2



Includes AG2 and AH1 Queues	2023 2024 2025
All active AG2 and AH1 projects must reapply under new rules.Application Deadline announced at beginning of Phase 2 of Transition Cycle #1 and corresponds to the close of Phase 2 of Transition Cycle #1.	Months: J A S O N D J F M A M J J A S O N D J F M M M J J A S O N D J F M M M J J A   July 10 Image: Comparison of the process of the pr
To Be Provided by Application Deadline	Transition Cycle #1: Phase 1 1 Phase 2 2 Phase 3
<ul> <li>Executed</li> <li>Application and</li> <li>Readiness</li> <li>Site Control</li> <li>Technical information as</li> </ul>	Re-prioritized projects AE1,     AE2, AF1, AF2 & AG1
Studies Agreement Deposit requested by PJM data	Transition Cycle #2:Application PhaseSubmissionReviewPhase 11
	Deadline Decision F
Changes at Re-Application:	Cycle #1:
<ul> <li>Fuel</li> <li>MFO/CIR cannot increase but can be reduced up to change.</li> <li>MFO/CIR cannot increase but can be reduced up to 100%.</li> <li>Developer must choose between primary or secondary POI.</li> </ul>	AH2 & Beyond (New Cycle) Application Phase De An



**Application and Studies Agreement** 

- Application and Studies Agreement\* (ASA) form can be downloaded from the New Service Request tab in Queue Point.
- Do not submit a New Service Request on this tab for TC2 projects.
- Must reapply using queue request on the Existing Requests tab.





## **Generator Interconnection Request Requirements**

C Requirements									
ASA	Specify project location and provide site plan	If new request: MFO/CIR	In-service date						
Location of POI and name of line to be tapped or existing substation (including voltage, distances to endpoint of line, and GPS)	Is application new facility, increase in capability of an existing unit, or replacement of an existing facility?	If increase of existing: existing MFO/CIR and requested increases	<ul> <li>If storage:</li> <li>1) Is project grid charging?</li> <li>2) Primary frequency response operating range</li> <li>3) MWh stockpile</li> <li>4) Hour class</li> </ul>						
Evidence of Site Control	Is request a Qualifying Facility?	One-line diagram	If multi-fuel, detailed description of physical and electrical configuration						
Energy only or capacity	Is request sharing Interconnection Facilities?	Fuel, or for multi-fuel: fuel types	Additional relevant information						



### Site Control

SITE	CONT	ROL
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Provide the Following:

**Evidence** 

### If Site Is:

entity:



Not controlled

by a government

- Deed
- Lease
- Option to
   lease/purchase



*Controlled* by a government entity: Site Control in any form the entity issues Evidence Is Not:

- A memorandum
- Evidence of intent to purchase

 Same site that is the subject of an interconnection request in an adjacent regional transmission organization (RTO)/independent system operator (ISO)

### Evidence Shows:

- Exclusivity
- Term (one year from Application Deadline)
- Conveyance





### SITE CONTROL

### Provide the Following:

Summary Spreadsheet	Acreage Requirements Met					
<ul> <li>If submitting evidence for more than one parcel, provide spreadsheet summarizing information provided for each parcel in the file including the:</li> <li>Name</li> <li>Parcel ID</li> <li>Acreage</li> </ul>	<ul> <li>Name</li> <li>Parcel ID</li> <li>Acreage</li> <li>If density is</li> <li>Manual 14F</li> <li>following is restricted and the second secon</li></ul>		<ul> <li>A professional engineer (PE) stamped site plan showing proposed generation arrangement and that specifies MFO</li> </ul>			
			<ul> <li>PE must be licensed in the state of facility location.</li> </ul>			
Geographic Informa	tion Syster	n (GIS) Site	Plan and Data File	es a la companya de la		
Site Plan		<b>Data files – Esri Shapefile (.shp) preferred</b> or Google Earth KML (.kml or .kmz) showing:				
<ul> <li>Property boundaries consistent with Site Control prov</li> </ul>	vided					
<ul> <li>Location of collector substation</li> </ul>		Site boundaries consistent with     Interconnection				
<ul> <li>Interconnection Switchyard (if applicable)</li> </ul>		Site Contro	ol provided	Switchyard (if applicable)		
Point of Interconnection (POI)		Location o	f collector substation	• POI		



### Site Control

Site Control provided during an application will be the Site Control used for the rest of the Site Control submission.

- 100% Site Control for Generating Facility including the HS of the MPT and 100% Site Control for Substation facility for Merchant Transmission Facility
- Adjacent parcel rule at Decision Point 1 and Decision Point 2 will be based off Site Control submitted at application.
- 50% of Interconnection Facilities Site Control due at DP1 is based off Site Control submitted at application.

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Technology	Solar	5 acres/MW
	Wind	30 acres/MW
	Battery Storage	1 acre/100 MWH
	Synchronous Generator	10 acres per facility



### **TC2 Model Availability**

# **Phase is 90 days**, and model must be available 30 days prior to beginning of Phase 1.





## Transition Cycle 2 Re-Application in Queue Point



**Transition Cycle 2 Submission Process** 

- An "App" button will be enabled only during the TC2 Application Phase. The button will be removed upon the close of the Phase.
- Users must click "App" to begin the submission process.
- Existing data will be copied to a new Application Phase submission. Existing records will remain read only.

	Queue Point											
> Important Transitio	> Important Transition											
Legacy Attachments	New Service Requests		sts Existing Service Reque	its								
Queue	Project N	lame	Reference Number	Phase	Transition Cycle	Transition Stage	Status	Project Manager		Last Updated By		
					Transition Cycle	Transition Stage~	Submission Status/		Submitted		Actions	
AH1-286	Schoono	iver	17700RN6	Attachment Y	TC2	N/A	Approved	Mazurek Chad	10.12.2021	STEPHJ1	Apr 🕥 🗐 🗞 🤘 🖶	
AG2-262	Harris Stau	nton II	15368UWX	Attachment N - Feas	TC2	N/A	Approved	Thompson Jonathan	05.18.2023	STEPHJ1	Apr 🕥 🖽 😂 🤘	
AG2-146	Outerbridge Renewa	able Connector	14141B7P	Attachment S - Feas	TC2	N/A	Approved	Seeley Dylan	03.25.2021	STEPHJ1	Apr 📀 💷 🕼 🤜 🖶	
AG2-137	Moonlight	Solar	139719LI	Attachment N - Feas	TC2	N/A	Approved	Thompson Jonathan	05.25.2021	STEPHJ1	Apr 🕥 🗐 🗞 🤘 🖨	
					« < 1	> >>						

## Before and After Beginning a TC2 Submission

Legacy Attachments	New Service Requests	ixisting Requests Existing Service R	Attachment S - System	Impact Study						
Queue	Project Nam	e Reference Number	Phase	Transition Cycle	Transition Stage	Status	Project Manager		Last Updated By	
				Transition Cycle	Transition Stage	Submission Status/		Submitted		Actions
AH1-286		17700RN6	Attachment Y	TC2	N/A	Approved	Mazurek Chad	10.12.2021	STEPHJ1	Apr 🔊 📰 🗞 🤞 🖶
AG2-262		15368UWX	Attachment N - Feas	TC2	N/A	Approved	Thompson Jonathan	05.18.2023	STEPHJ1	Apr 🔊 🖽 🗞 🤘 🖨
AG2-146		14141B7P	Attachment S - Feas	TC2	N/A	Approved	Seeley Dylan	03.25.2021	STEPHJ1	Apr 🔊 🖽 🗞 🤞 🖶
AG2-137		139719LI	Attachment N - Feas	TC2	N/A	Approved	Thompson Jonathan	05.25.2021	STEPHJ1	Apr 🔊 📰 🗞 🤞 🖶
				« < ·	1 > >>					

### Only the Application Phase record is editable

Legacy Attachments	New Service Requests		Existing Service Reques	ts Attachment S - System	Impact Study						
Queue	Project N	lame	Reference Number	Phase	Transition Cycle	Transition Stage	Status	Project Manager		Last Updated By	
					Transition Cycle	Transition Stage	Submission Status		Submitted		Actions
AG2-146			14141B7P	Attachment S - Imp	TC2	Application Phase	In Progress	Seeley Dylan		STEPHJ1	۵ 🛪 🛍
AG2-137			139719LI	Attachment N - Imp	TC2	Application Phase	In Progress	Thompson Jonathan		STEPHJ1	ା 🕄 📽 🛍
AH1-286			17700RN6	Attachment Y	TC2	N/A	Approved	Mazurek Chad	10.12.2021	STEPHJ1	Apr 📎 🗐 🗞 🤞 🖶
AG2-262			15368UWX	Attachment N - Feas	TC2	N/A	Approved	Thompson Jonathan	05.18.2023	STEPHJ1	Apr 📎 🗐 🗞 🤞 🖶
AG2-146			14141B7P	Attachment S - Feas	TC2	N/A	Approved	Seeley Dylan	03.25.2021	STEPHJ1	Apr 📎 🗐 🖏 🥞 🖶
AG2-137			139719LI	Attachment N - Feas	TC2	N/A	Approved	Thompson Jonathan	05.25.2021	STEPHJ1	Apr 🔊 🖽 🖏 🤞 🖶

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## Completing the TC2 Application

- All fields will be editable.
- Large files can be sent to the PJM PM and SecureShare address <u>IPSecureShare@pjm.com</u>
- Must Save & Validate and click Submit to complete the application.
- PJM will only review submissions during the application review phase following the Application Deadline.
- Requests will maintain their Queue Number.

	Queue Point									
> Important Transition Information										
Legacy Attachments	New Service Requests Existing Req	ests Existing Service Requests	Attachment N - System Imp	pact Study						
Queue	Project Name	Reference Number	Phase	Transition Cycle	Transition Stage	Status	Project Manager	6 L 10 L	Last Updated By	
				Transition Cycle 🗸	Transition Stage 🗸	Submission Status 🗸		Submitted		Actions
AG2-137		139719LI	Attachment N - Imp	TC2	Application Phase	Submitted	Thompson Jonathan	06.14.2024	STEPHJ1	II 🔄 📢
	$\ll \langle 1 \rangle \gg$									



### Helpful References

## Interconnection Process Reform Frequently Asked Questions

PJM Manual 14H, Attachment I

Application Requirements for Generation Requests (video)





### Presenter:

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