



Option to Build

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Interconnection Projects

Project Developer has the **option (“Option to Build”)** to assume responsibility for the design, procurement and construction of:

and

Transmission Owner
Interconnection Facilities
(TOIF)

Stand-Alone
Network Upgrades (SANU)

Transmission Owner Interconnection Facilities

are all facilities owned, controlled, operated and maintained by the Transmission Owner from the Transmission Owner's side of the Point of Change of Ownership to the Point of Interconnection.

Stand-Alone Network Upgrades

shall mean Network Upgrades that a Project Developer or Transmission Owner may construct without affecting day-to-day operations (e.g., taking a transmission outage) of the Transmission System during their construction.



OPTION TO BUILD

For New Service Requests:

The Project Developer must elect the Option to Build at Decision Point 2.

For Upgrade Requests:

The upgrade customer must elect the Option to Build within 30 days of receipt of the System Impact Study.

For projects in the expedited process (“fast lane”):

Election must be made within 30 days of receipt of Facilities Study and final agreement.

For eligible facilities,
Phase 2 Facilities
Study reports will
include...

- Estimates with and without Option to Build
- Option to Build oversight estimate

Additional Option to Build implementation details and timelines will be captured in the final agreement:

GIA Schedule L for
generation requests

UCSA for
Upgrade Requests

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Transmission Owner Engineering & Construction Standards

The applicable technical requirements and standards provided by transmission owners are for use by PJM Interconnection customers in the performance of construction work related to an interconnection project subject to the PJM Open Access Transmission Tariff. PJM Interconnection customers shall be obligated for the construction and costs of only the minimum upgrades necessary to accommodate its interconnection project as required (see Tariff [WEB](#) | [PDF](#) - Section 217.)

- American Electric Power
- AMPT
- Atlantic City Electric
- Baltimore Gas & Electric Co.
- Cleveland Public Power
- Commonwealth Edison
- Dayton
- Delmarva Power & Light
- Dominion
- Duke Energy Ohio/Kentucky
- Duquesne
- East Kentucky Power Cooperative
- FirstEnergy (including Allegheny Power)

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- Within 10 days after executing (or requesting to file unexecuted) PD shall solicit bids from one or more approved contractors to design, construct, and/or install the TOIF and SANU.
 - Any additional costs arising from bidding or from final bid is the responsibility of the PD
 - PD shall contract with Approved Contractor that submitted qualifying bid

- If no acceptable bids, reverts back to TO build

The Project Developer is required to provide drawings certified by a professional engineer of any Transmission Owner Interconnection Facilities and/or Network Upgrades being constructed under the Option to Build provision of the GIA to PJM and the Transmission Owner.

The Transmission Owner will review and comment on Project Developer drawings within 60 days after the receipt of drawings.

PJM will facilitate and provide oversight for this process.

Notification of inspection/testing results	Within 10 days after satisfactory inspection/testing of Interconnection Facilities/Stand-Alone Network Upgrades built by the PD
Transfer of operational control	Prior to energization
Acceptance of facilities	Within 5 days after determining that Interconnection Facilities/Transmission Owner Upgrades have been successfully energized
Transfer of title documentation	Within 30 days after the receipt of the notice of acceptance
Filing for regulatory approval	Within 30 days after its receipt of the Transmission Owner's written notice of approval of the documentation
Execute documentation	Within 20 days after the issuance of the last order granting a necessary regulatory approval becomes final

Manual 14C Section 5.1

Manual 14H Section 8.6.2

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