

Large Load Show Cause Response

MRC

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Donnie Bielak

Director, Interconnection Planning

Dave Egan

Sr. Manager, Generation Modeling &
Dynamic Studies

Disclaimer: While materials are current at the time of publishing, applicable requirements may change. PJM Governing Documents control.

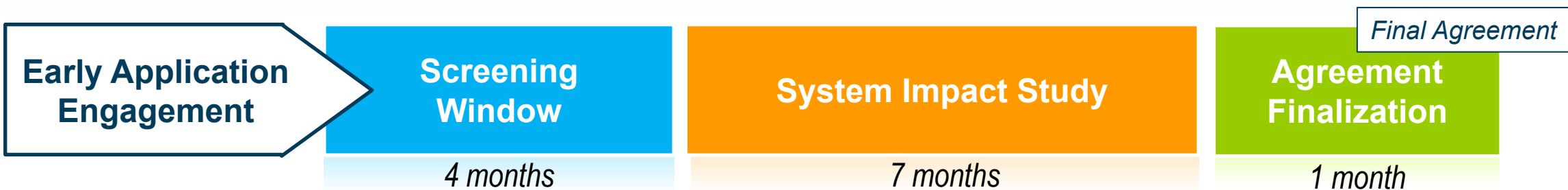
1. Consolidate generation and merchant transmission interconnection along with long-term firm and Large Load transmission service studies into a singular 12-month process.
2. Preserve the first-ready, first-served paradigm by including readiness requirements and provide as much cost certainty for developers early the process.
3. Create an optimized transmission plan that delineates the driver of the needed enhancements and provides for any available interim service for all project types at the time of final contractual commitment.
4. Ensure that developers can make use of the transmission system in a reliable manner by establishing clear technical requirements.

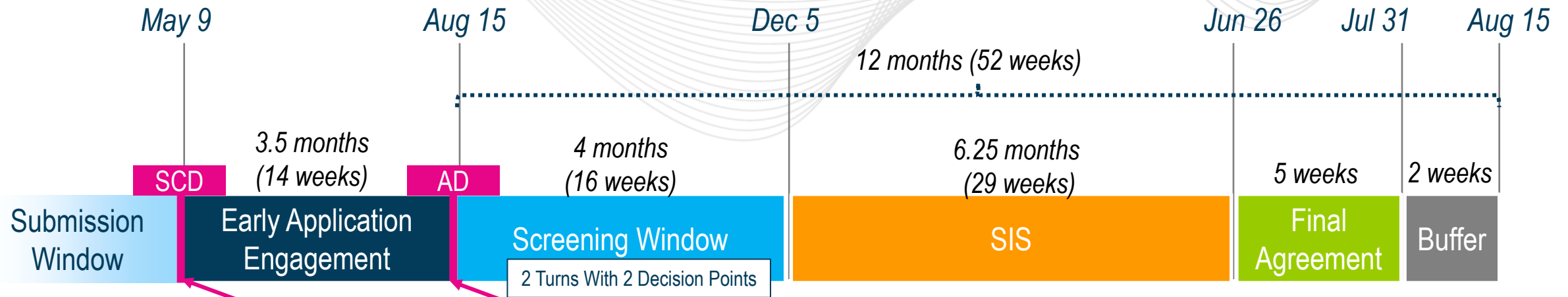
Annual 12-month process that provides developers with an opportunity to quickly assess project viability before money is at risk

Three distinct components:

- Screening Window, which allows projects to get “quick-turn” results on how their project will impact the transmission system
- System Impact Study phase whereby all applicable analysis tests are performed to make sure the developer’s project can interconnect safely and reliably
- Agreement Finalization where the developer’s contractual rights, schedule and milestones are codified

By reducing decision windows, developers can gain speed through the process.





SCD – Soft Close Date

No new apps after this point. Must provide:

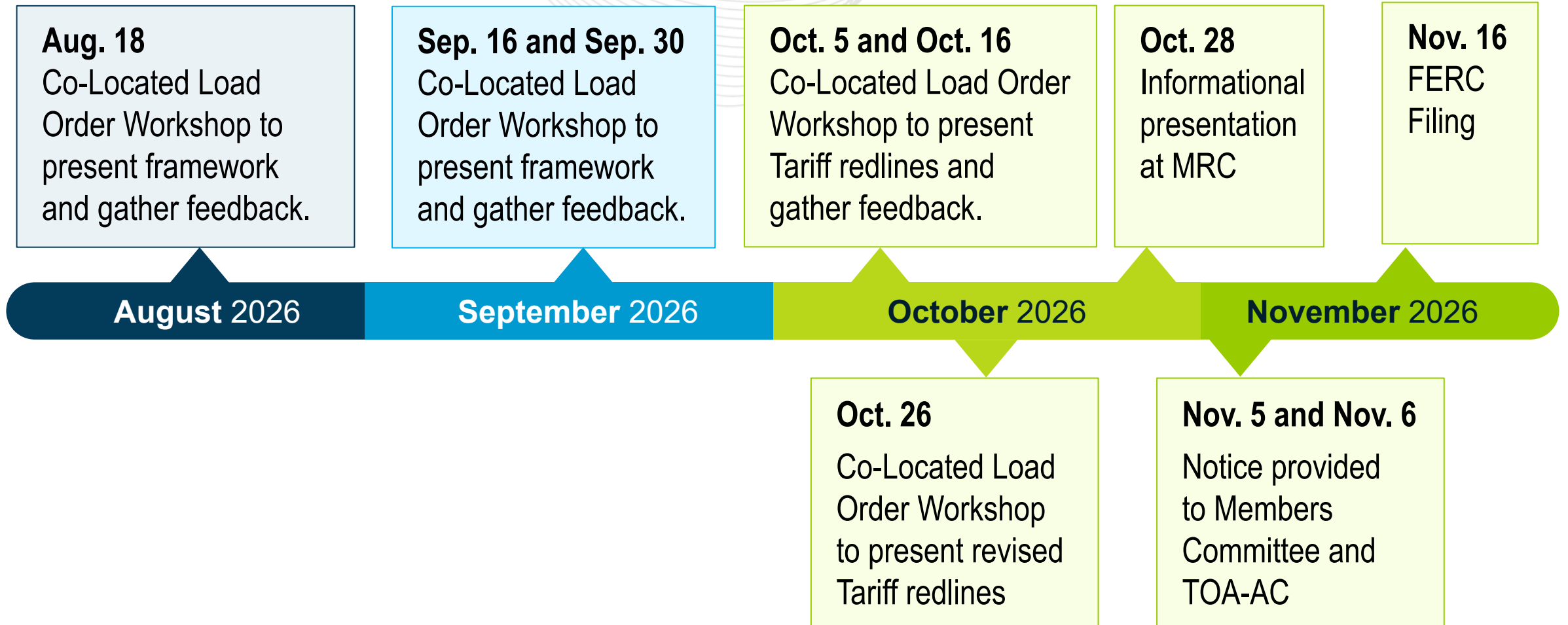
- POI
- Co-location arrangement
- Fuel type and/or NITS/CDS elections
- Megawatts
- Site Plan
- Study Deposit

AD – Application Deadline

Withdrawn at gate if following not met:

- Initial readiness deposit (not at risk)
- Site Control verified
- Permit matrix verified
- Tech data verified
- Evidence of TO approval to proceed including signed CRA (Large Load)

**** Estimated values for Large Loads. Generation values still being researched.**



M14B Attachment D-2 & OATT Changes

Applicability & Compliance

Goal: Prevent large block load loss and maintain Bulk Electric System (BES) reliability during voltage/frequency disturbances.

Applies to LCLs ≥ 50 MW with ≥ 25 MW served by power electronic conversion equipment

- **New projects:** Jan. 16, 2027, onward (PJM filing date +61 days)
- **Material modifications:** LCL increase that cause overall load aggregation ≥ 50 MW

Transition facilities

(prior to Jan. 16, 2027):

- Commercially operating
- In construction phase
- Are under final agreement
- Undergoing an existing study

- All applicable legacy LCLs must comply by later date of Jan. 16, 2028, or Commercial Operation Date (COD) +1 year*
- PJM may accelerate compliance to 90 days* for reliability risk LCLs

** Consideration will be given to provide limited exceptions when demonstrated that requirements cannot be met.*

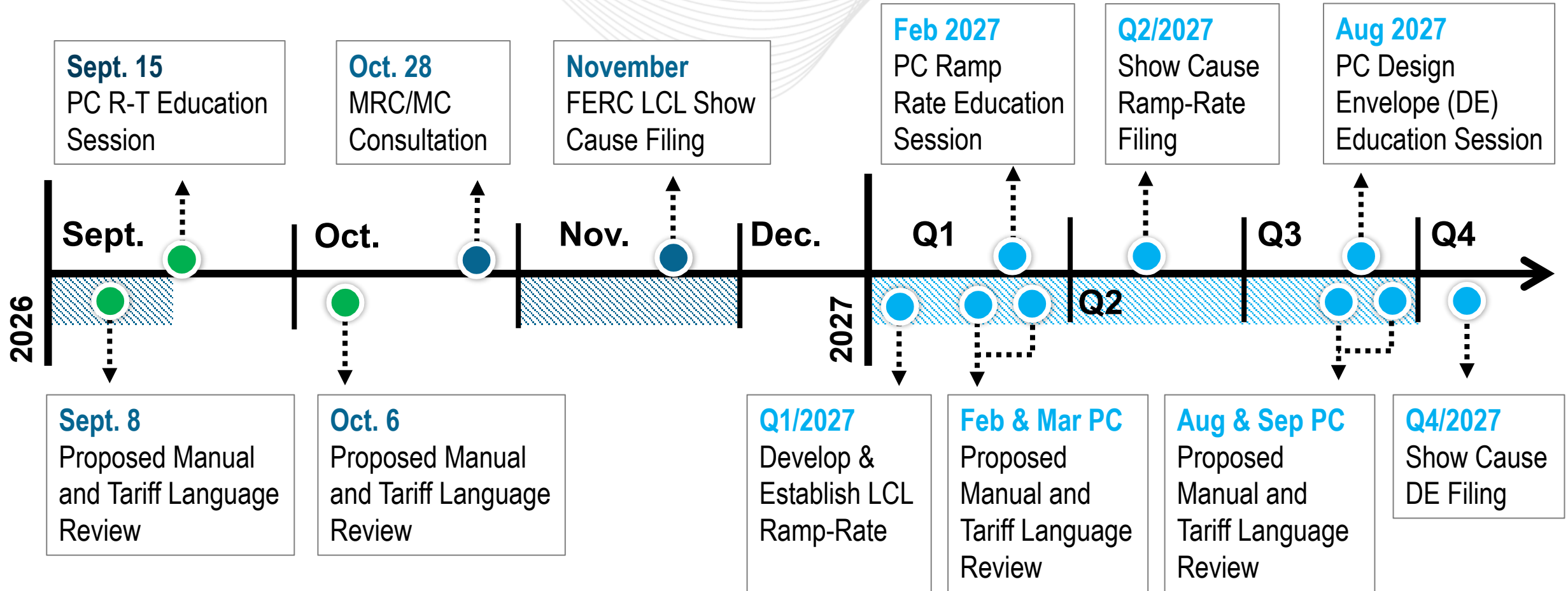
Tariff Changes: Establish LCL definition, require PJM to establish minimum LCL ride-through standards for TOs, allows TOs to adopt more stringent reliability-based requirements, and obligate LCLs meet Attachment D-2 criteria.

Voltage Ride-Through

Root-Mean-Square Voltage (p.u. of nominal)	Minimum Ride-Through Time (seconds)
$V > 1.20$	May ride-through or trip
$1.10 < V \leq 1.20$	1.0
$0.90 \leq V \leq 1.10$	Continuous
$0.80 \leq V < 0.90$	2.0
$0.50 \leq V < 0.80$	0.5
$V < 0.50$	0.25

Frequency Ride-Through

System Frequency (Hz)	Minimum Ride-Through Time (seconds)
$f > 61.8$	May ride-through or trip
$61.2 < f \leq 61.8$	299
$58.8 \leq f \leq 61.2$	Continuous
$57.0 \leq f < 58.8$	299
$f < 57.0$	May ride-through or trip



SME/Presenters:

Donnie Bielak,
Donnie.Bielak@pjm.com

David Egan, David.Egan@pjm.com

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Member Hotline

(610) 666 – 8980

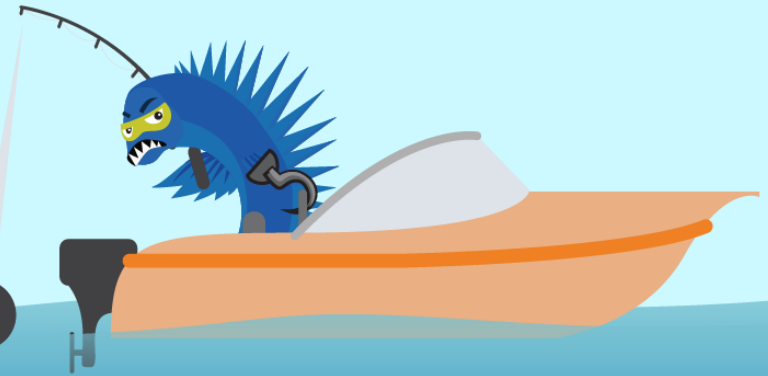
(866) 400 – 8980

custsvc@pjm.com

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Call (610) 666-2244 or email it_ops_ctr_shift@pjm.com