

Automated CT Notification Update

George Chu
Markets Coordination
System Operations Subcommittee
August, 2021

www.pjm.com | Public PJM©2021



Recap





www.pjm.com | Public 2 PJM©2021



- Increase efficiency by reducing Participant and PJM Operators phone time
- Compliant and Auditable
- Enhance Reliability
- Mandatory for all CTs in the future and may expand to other units



- Applies to CT's called in Real-Time
- Automatically Call On/Call Off CT's efficiently and timely through the exchange of SCADA data via ICCP or DNP
 - 3 additional SCADA points exchanged between PJM and the MOC or GOP.
- Similar to other RTO Implementations (ISO-NE, CAL ISO, SPP,MISO)



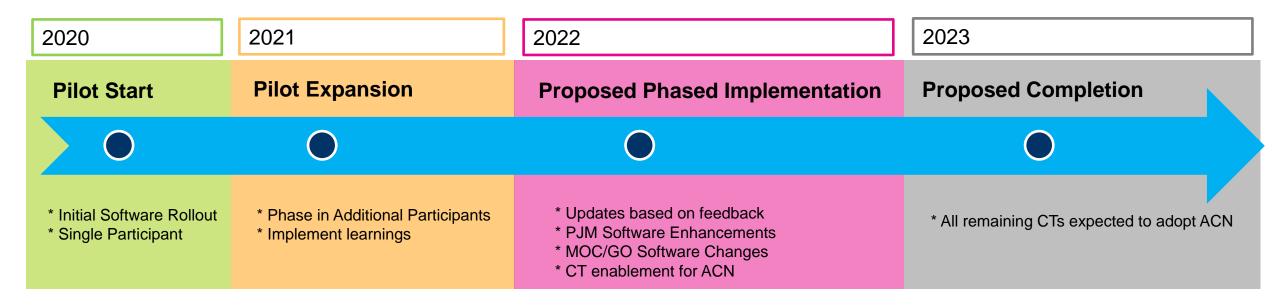
ACN Call On and Off Flow Chart

Generation MOC (markets PJM Generation Dispatcher Selects MOC acknowledges operation Dispatch verifies unit(s) via center/Gen Owner) unit is called on or visually the response SCED/DMT. receives notification off electronically for the called unit. Specific notification electronically sent to MOC Unit Fails to Unit start/outage/unavailable. Online/Offline MOC must follow with Phone call

www.pjm.com | Public 5



- Pilot was activated November of 2020!
- 6 CTs active in the program
- 11 additional CTs currently scheduled to participate





- External Requirements/FAQ
 - https://www.pjm.com/markets-and-operations/etools/automatedcombustion-turbine-notification-program
 - Requires PJM Account Manager Account and Access Request
- Program Contacts
 - George.Chu@pjm.com
 - PJM Client Manager



SME/Presenter: George Chu, George.Chu@pjm.com

Automated CT Notification Update



Member Hotline

(610) 666 - 8980

(866) 400 - 8980

custsvc@pjm.com