

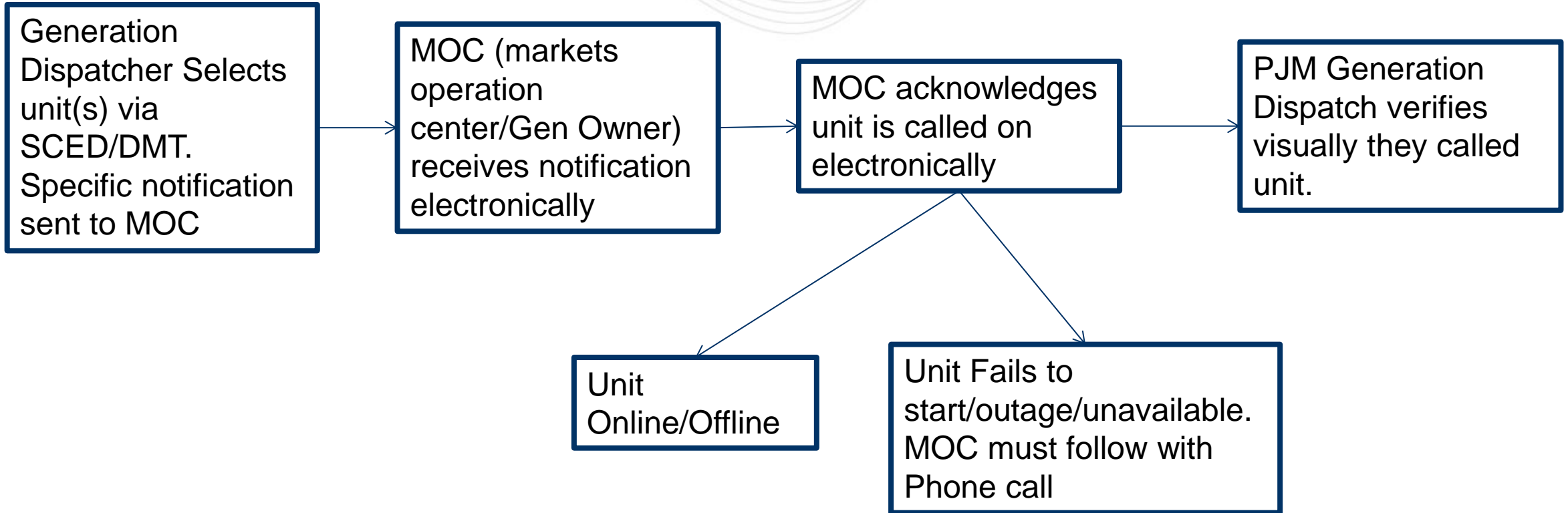


# Automated Generator Notification Update

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# Recap - Future Call on and OFF Flow Chart



- Applies to CT's called in Real-Time
- Automatically Call on/Call off CT's efficiently and timely via ICCP/SCADA/DMP3/JETSTREAM
- Similar to other RTO Implementations (ISO-NE, CAL ISO, SPP, MISO)
- Compliant and Auditable
- Increase Efficiency by reducing Participant and PJM Operators phone time
- Enhance Reliability
- Future - Mandatory for all CTs in the future and may expand to other units

- Phase 1 Markets Gateway Completed **December 2018**

Called On Time	Called Off Time	Status

- Begin Phase 2 Pilot **Q3 2019**

- **Gen Runner Code Sent to Member as indicator to take action**
- Member Acknowledges code and sends back the following responses
  - 0=Failure Condition (initialization value not in response to a PJM request)
  - 1=Yes Acknowledgment, and starting up (Economics, Contingency)
  - 2=No, Acknowledgment, unable to startup
  - 3=Yes Acknowledgment, going offline (release)
  - 4=Cancelled (PJM cancelation request)
  - 5= Stay online for Company

- The Markets Gateway Features are live
- Pilot memberships still available
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- Questions?