



PJM Cloud Training Environment

Bill DePasquale
Lead Trainer, State & Member Training
System Operator Subcommittee
April 7, 2022

- Distributed Training Environment leveraging Cloud technology
- Expected In-Service date of March 1, 2022
- Targeting Simulation Exercises
- Asynchronous Training Courses (Future)
- Requires learners to access the cloud using Remote Desktop Protocol (RDP) technology

- Requires learners to access the cloud using Remote Desktop Protocol (RDP) technology
 - RDP access will be necessary for learners to connect to the PJM Cloud Environment
 - Specific IP address will be provided upon registration
 - PJM will limit the IP addresses to about 10 for reuse
 - Subject to change, typically all IPs will change about once a year
 - Specific Firewall Ports will need to be open
 - Port numbers range from 49152 to 65535 for each IP

- Remote Desktop Protocol (RDP) Software Availability
 - RDP Comes standard on Windows OS
 - Apple devices support RDP with a MS developed App
 - MS Advises against default Apple RDP client
 - Connectivity through mobile devices is not supported
- Connectivity must be tested between student registration and Class Delivery
 - Pre-class requirement to validate connectivity
 - Extremely limited PJM Support is available at the time of a course offering

- More details can be found on PJM's web site at <https://www.pjm.com/training> under the Link [Cloud Simulation Training Connection Information](#)

Support:

Trainingsupport@pjm.com

Cloud Training Environment Review



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com