

QUANTUM SECURITY & PQC

Quantum-Safe Energy and Utilities Intensive

PRACTITIONER INTENSIVE

Plan cryptographic change across utility IT, control systems and metering, using your asset register, outage calendar and long-term procurement requirements.

DURATION

8 hours

One-day working session

LEVEL

Practitioner

Sector overview recommended

LIVE ONLINE FEE

US\$1,199

Instructor-led training

Fit migration into the asset lifecycle.

WHAT YOU WILL BUILD

- ✓ An OT and IT cryptographic estate map.
- ✓ An asset triage covering migrate, gateway, isolate and retire.
- ✓ A migration sequence aligned to outages and maintenance windows.
- ✓ Procurement language for long-lived asset specifications.

WHO SHOULD ATTEND

Utility security architects, OT and control engineers, compliance staff, smart-grid and AMI owners, and engineering leaders across electric, gas and water utilities.

PREPARATION

The matching sector overview is recommended preparation, rather than a formal requirement.

Why Quantum Academy

The course applies the OT/CNI Extension of the Applied Quantum PQC Migration Framework, taught by practitioners who run sector migration programs.

What you will work through

Work from your own environment through four workshop sessions.

01 Morning: the estate

Map cryptography from corporate IT through control systems to metering. Establish the operational boundaries.

02 Morning: constraints

Assess safety cases, reliability needs, patching windows and device lifetimes as constraints on the plan.

03 Afternoon: assets that cannot migrate

Evaluate gateways, segmentation and retirement. Document the rationale for each mitigation choice.

04 Afternoon: the plan

Sequence work against the outage calendar and draft the change-control and compliance narrative.

Formats and fees

Live online	US\$1,199
In person	US\$1,599
Private team training	Custom quote

Bring the asset register, outage calendar and someone who owns maintenance scheduling.

What is included

- Course handbook with written instructor notes.
- PDF copy of Quantum Ready by Marin Ivezić.
- Editable workshop outputs to take back to your team.
- 180 days of access to the corresponding online on-demand course. Where that course is not yet published, the 180 days start on the day it is.

A working session focused on practical outputs. Includes a certificate of completion, not professional certification.

Explore the course

[View course details at QuantumAcademy.com](https://quantumacademy.com)



Check the course page for dates and availability. Private delivery is available by arrangement.

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