Energy Management System
SCADA/AGC Upgrade / ICCP Configuration Required Changes

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Technologies – Operations

PJM Energy Management System

High-Speed Bus

- Historian
- SCADA
- Automatic Generation Control
- Information Model Management
- Operator Training System
- User Interface Framework
- Transmission Network Applications

Enterprise Service Bus

- Other Business Service Components
- Intelligent Event Processing
- Shared Architecture Support Services
- Market Applications

PJM Energy Management System

High-Speed Bus

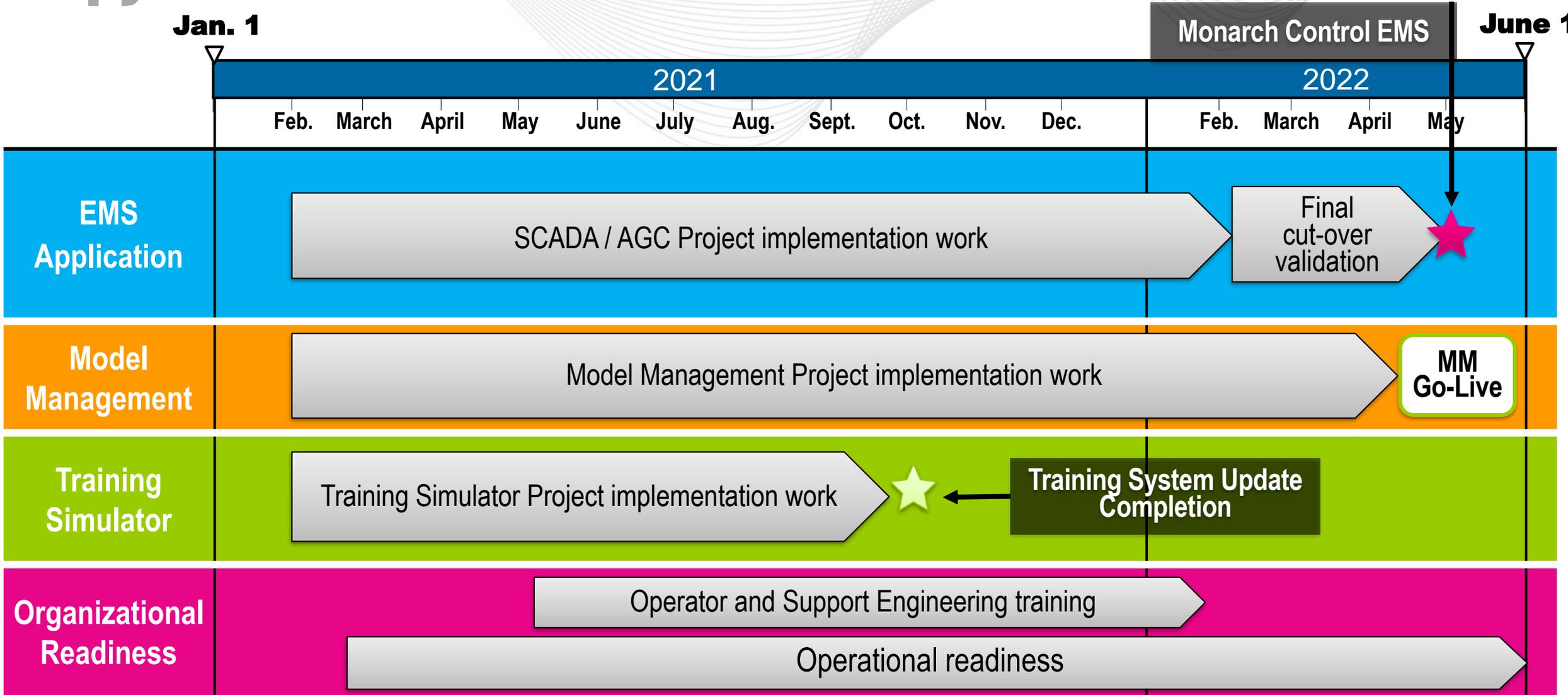| Historian | SCADA | Automatic Generation Control | Information Model Management | Operator Training System | User Interface Framework | Transmission Network Applications |

Enterprise Service Bus

| Other Business Service Components | Intelligent Event Processing | Shared Architecture Support Services | Market Applications |

Project Timeline

Jan. 1 — **June 1**

Monarch Control EMS

	2021												2022			

Feb. | March | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Feb. | March | April | May

EMS Application
- SCADA / AGC Project implementation work
- Final cut-over validation

Model Management
- Model Management Project implementation work
- MM Go-Live

Training Simulator
- Training Simulator Project implementation work
- Training System Update Completion

Organizational Readiness
- Operator and Support Engineering training
- Operational readiness

Change Inter-Control Center Communications Protocol (ICCP) Configuration to the Transport Selector (TSEL) and Session Selector (SSEL) values to ensure uniqueness for multiple links to PJM

- 15 impacted members' ICCP contacts have been notified directly by the PJM EMS Networking Group

- The change involves updating the Manufacturing Message Specification (MMS) Stack configurations for ICCP Links

- The configuration change is compatible with the current PJM Siemens EMS system

PJM is targeting to have the ICCP configuration updates completed by **_Dec. 15, 2021_**, to validate prior to final cutover to the new PJM EMS

- Complete Association Information Exchange Form (AIEF) form exchange

- Test stage environment links prior to production changes (if applicable)

- Coordinate and complete change

- Verify changes on all of applicable Energy Management System (EMS) servers and PJM servers

- Declare changes complete

Presenter:

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ICCP Configuration Questions:

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