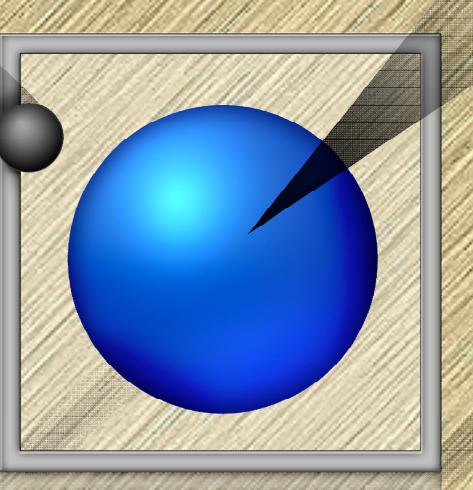


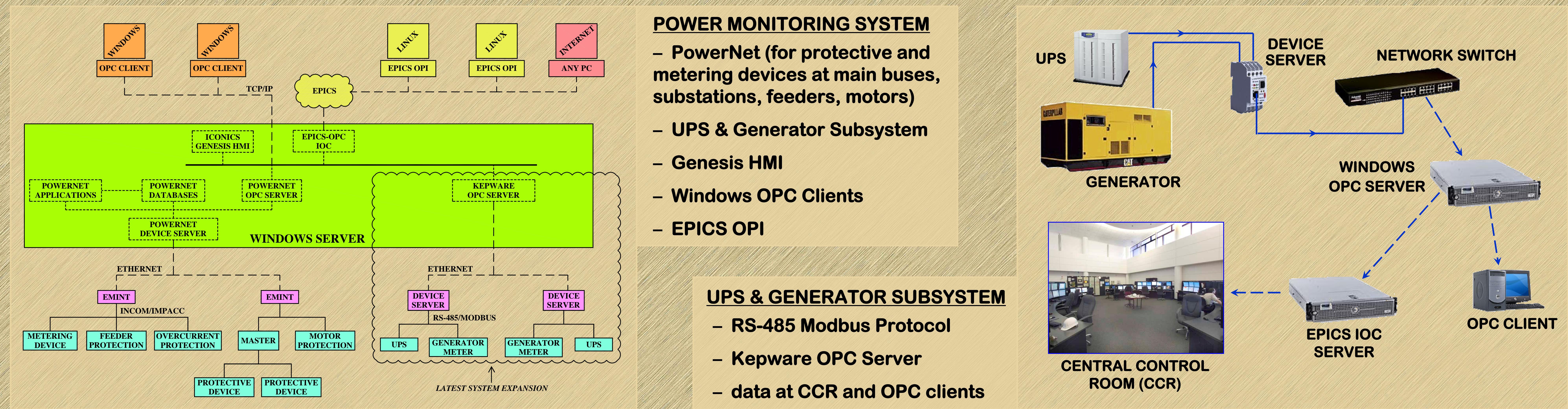
THE OPC-BASED SYSTEM AT SNS: AN EPICS SUPPLEMENT*

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NEUTRON SCIENCES



POWER MONITORING SYSTEM ARCHITECTURE



DATA ACCESS POINTS - SAMPLE DISPLAYS AND TOOLS

OPC CLIENT

OVERVIEW SCREEN

- depicts UPS and generator locations
- provide quick device status
- show power loads

UPS SUMMARY

Contains:

- status information
- standard I/O parameters
- battery info

TRENDING

- Genesis trend
- user-friendly menu selections

EPICS WORKSTATION

UPS / GENERATOR

- show UPS and generator locations in the building
- has power loads
- similar to OPC client display

UPS SUMMARY

Similar display and information available in the OPC clients

TRENDING

- EPICS ArchiveViewer
- requires knowledge of actual EPICS PV name

THE INTERNET

SUMMARY OF SNS TVA SUBSTATION

SNS ENERGY USAGE FOR BILLING

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HFIR SNS SPALLATION NEUTRON SOURCE

OAK RIDGE National Laboratory