

AECL + RTAC Running Controls on Multiple POIs

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Site Commissioning

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Dan Sweeney's summary from meeting with Attila, Kyle, Pete, and Keith:

Here is the link to the workbook for Jarrett that Keith worked with Attila to quote a single on site SCADA and controller for a multiple POI site.

<https://www.dropbox.com/scl/fi/py5v70ynn14y3r52wntof/Project-Design-Workbook-Torch-Jarrett-Fall-Line-19Dec2025.xlsx?rlkey=5nzohp65t6n61lytsom4q6mui&dl=0>

In general, Engineering believes we can use this technique to reduce costs on a multiple POI site if:

A 3555 or 3560 RTAC is specified

Total POI capacity is below 50MVA

Total number of control points doesn't exceed the controller's max guideline with additional headroom for multiple control loops running (50%?). This is limited to 100 devices (including relays, meters, etc) or 100,000 tags.

Stem makes it very clear in the proposals that the site cannot share ownership now or in the future

Should have a special review with engineering

Unknown the effects of more than 4 separate sites above 10MW/each.

Online URL: <https://kb.alsoenergy.com/article.php?id=2187>