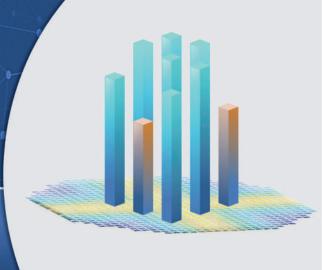


FluxGenius.ai

Next-Gen Neutronics Accuracy for Flux Measurement



When Every Neutron Counts, We Count Every Neutron

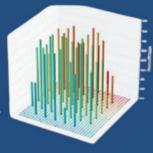
FluxGenius.ai reads and analyzes your neutron flux monitor performance <u>in real-time</u> so you can:

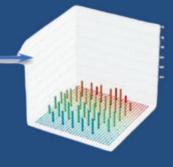
- Avoid unnecessary maintenance costs and generation losses
- Maximize the life of your flux monitors
- ✓ Prevent TS violations by managing offline monitors more intelligently

Case Study: Preventing \$1.23M in Generation Losses

Problem:

A <u>power derate seemed all but</u>
<u>inevitable</u> when the customer noticed
their plant was approaching thermal
limits threshold within a matter of days.





Results:

- Averted derating and control blade insertion
- Operator estimates avoiding generation losses of approximately \$1.23M

"FluxGenius has given us <u>unprecedented insight</u> into the neutron flux behavior of our reactors, helping us to achieve significantly better accuracy for our power distribution, thermal limits, and depletions."

-James Tusar, Constellation Nuclear

