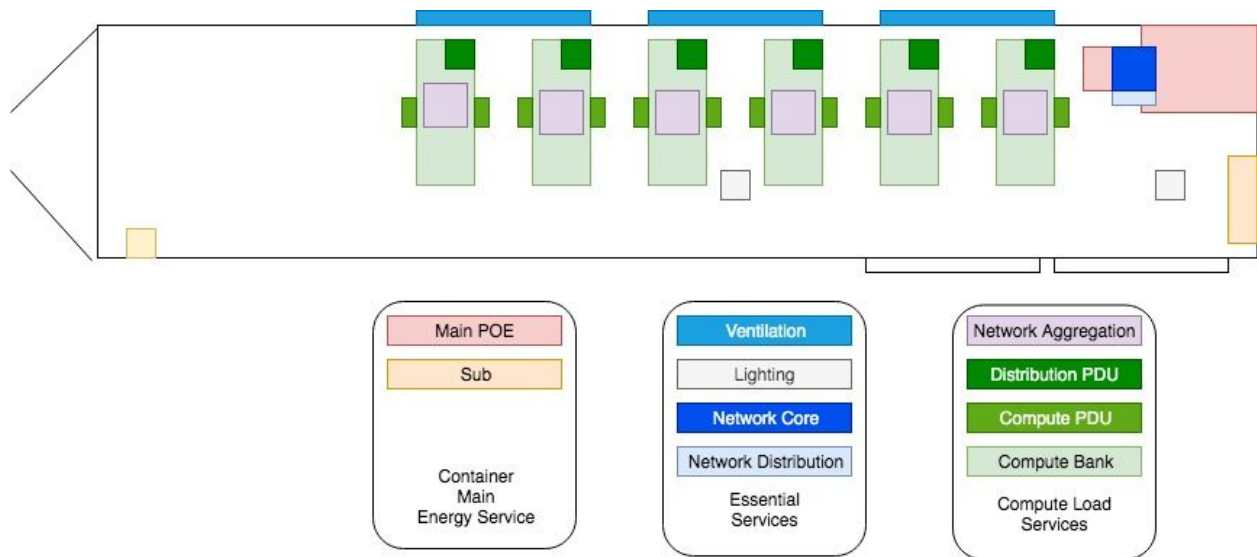# Melrose Container

Initial Energization.

1. Turn everything internal to container OFF.
    a. Turn off all internal PDU breakers.
    b. Turn off all internal Sub breakers.
    c. Turn off all internal MAIN.
2. Turn on ONLY internal MAIN.
3. Exit container.
4. Energize container.
    a. Check for leakage voltage externally.
    b. Check for leakage voltage internally.
5. Energize Essential Services.
    a. Turn on Lighting.
    b. Turn on minimum Ventilation.
    c. Check Verify Airflow.
    d. Turn on Network Head.
    e. Verify network connectivity.
6. Energize Network Aggregation.
    a. Verify Aggregation Power.
    b. Verify Network connectivity.
7. Energize Compute Load.
    a. Energize on ONE Bank breaker.
    b. Energize one PDU.
    c. Energize one PDU breaker.
    d. Energize one Compute Node.
    e. Verify Load
    f. Verify Compute Node Load.
8. Ramp Compute Load Incrementally.
    a. Verify increased Load
    b. Verify Compute node connectivity.

Container Main Energy Service
- Main POE
- Sub

Essential Services
- Ventilation
- Lighting
- Network Core
- Network Distribution

Compute Load Services
- Network Aggregation
- Distribution PDU
- Compute PDU
- Compute Bank

Load Reduction

1. Enter container.
2. Turn on lights.
3. Proceed to PDU Bank breaker panel
4. Turn off breakers to Banks 1-12 ?
5. Turn off breakers to Ventilation 1-9?
6. Verify….
7. Turn off lights
8. Exit and lock container

Load Increase

1. Enter container.
2. Turn on lights.
3. Proceed to PDU Bank breaker panel
4. Turn on breakers to Ventilation x?
5. Verify Airflow
6. Turn on breakers to Banks x
7. Verify load increase to target
8. Go to Step 4 and repeat until target load is verified.
9. Turn off lights
10. Exit and lock container.