

Remote Deployment Challenges

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Remote deployment of micro reactors

Like wind turbine deployment model, becomes a logistical challenge, rather than a construction one!



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Remote operations of micro reactors

Focus is on fleet operation, rather than operating a site

- OPEX can be as large as CAPEX in LCOE for micro reactors
- Salaries are largest OPEX component
- On site staffing to be kept to minimum (operators and security)
- Reduce the amount of equipment and therefore actions required
- Avoid refueling operations and having to store fuel on site
- Regional Support Center to provide specialist assistance to a fleet.
- Central monitoring of entire fleet and data analysis for predictive maintenance
- Vendors to stay involved in operations and maintenance
- Unplanned outages to be minimized due to logistics
- Learn from wind turbine operations

