PREVENTING OIL-FILLED EQUIPMENT (OFE) SPILLS BREAKOUT SESSION

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Examples of Preventing Distribution Equipment Spills – What does Your Company Do?

- Review distribution pad-mount transformer/pole inspection data to prioritize replacement of corroded, leaking and damaged OFE
  - Coastal Areas have high rate of spills due to corrosion
- Extend effort of vegetation management program to include utility poles and OFE
- Issue a condition report for more significant spills; perform ACE for preventable spills and assign corrective actions
- Install traffic protection for 3-phase, pad-mount transformers with chance of vehicle damage; identify missing bollards during inspection program and issue a work order; prioritize units near storm drain inlets
- Target and replace certain pre-1980 transformers likely to be PCB and PCB-contaminated to reduce PCB spills
- Replace oil switches with solid dielectric switches
Examples of Containing Spills from Distribution Equipment – What does Your Company Do?

Field and Facility Examples

– Before transport of waste equipment (leaking), place in an ABG bag
– For larger electrical equipment (leaking), drain oil and transport in secondary containment (metal or poly spill trays)
– Store waste equipment in covered storage areas (out of the weather) with curbing; if not, use ABG bags
Examples of Preventing/Containing Spills at Substations – What does Your Company Do?

Prevent Spills
- Review T&S checklist before a significant oil-transfer operation
- **PM issue**: drain water from large OCBs before winter freeze
- Issue a condition report for significant spills; perform ACE for preventable spills and assign corrective actions
- Phase out larger oil circuit breakers (OCBs) in substations and replace with gas circuit breakers

Contain/Limit Spills
- Substation leaker program: contain leak/remove oil until leak is repaired
- Install containment below larger OFE with storm water discharge device
- Install portable secondary containment around tankers, frac tanks and mobile transformers
- Maintain a supply of booms at strategic locations
Other Examples of Spill Prevention and Containment

- Carry spill kits on heavy and light-duty vehicles
- Conduct annual spill drills; review procedures and amend as needed
- Periodic spill-response training and availability of quick-reference materials
- Use spill and containment pans in Fleet shops
- Stage absorbents at motor fuel islands
- Publish reminders to leaders to review with their employees about the fueling procedure: stay with fueling nozzle, don’t top off, perform 360, etc.
The End – Other Questions?