

# **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?

