



*Reduction of power outage by up to 60 %...*

## Electrical & Power generation

Cleaning of various energized electric apparatus like turbines, generators, AC/DC motors, transformers etc. is normally cleaned and maintained by using solvents, chemicals, water, rags. The demand to keep the equipment running can often lead to deferred cleaning and maintenance resulting in reduced efficiency, and potential outages caused by flashover.

PolarTech dry ice cleaning technology provides service and maintenance dept. with a non-conductive non abrasive, fast cleaning operation of equipment in-situ without dismantling or cool down. There is no damage to cables or insulation. Using PolarTech dry ice blasting, outage time, needed for cleaning/maintenance, have been reduced by up to 60 %.

From small electric motors to power stations using dry ice blasting is the simplest, safest, effective and cleanest way of cleaning. Grease, carbon and dirt contribute to low meg readings as well as equipment failure. These contaminants are quickly removed and restores efficiency in an environmentally friendly way.

Using PolarTech technology is extremely effective and very gentle to your equipment. The reduction in overall cleaning time has resulted in a short payback time on your ROI.

### Applications

- *Compressor & generators.*
- *Electric motors.*
- *Turbines*
- *Rotors / stators.*
- *Substation isolators and bushings.*
- *Switch gear.*
- *Transformers.*
- *Insulators.*
- *Electric switch boards.*
- *Cable ways & trays.*
- *Field frames.*

### Customer Benefits

- *Reduce outage time for cleaning.*
- *Improve megaohm reading.*
- *Increase polarization indices.*
- *Improve thermal dissipation.*
- *Non-conductive.*
- *No abrasion (no wear and tear to equipment).*
- *Cleaning in-situ.*
- *Eliminate secondary waste.*
- *Easy handling and operation.*
- *Environmentally friendly cleaning.*