



As the COVID-19 virus outbreak continues to affect us, we want to let you know that we continue to be open for business. We trust that you and your coworkers and families are well.

Contaminated insulators and bushings can create havoc with the delivery of our electricity! Dirty or damaged insulators are susceptible to Electrical Corona and Arcing causing flashover & downed lines.



The pictures above show pictures from a substation with heavy Electrical Corona on most of the insulators and bushings. It was recorded with a DayCor® Solarblind Corona Camera where they had major problems with contamination.

A cooling tower close to the substation sent dirty water mist over the substation and all its insulators. It got so bad that they had several repeat flash-overs that shut down large parts of the electric supply to a nearby city. The DayCor® camera could easily pinpoint the dirty insulators. After power wash all were clean and no Electrical Corona and Arcing could be seen.

Outages can be avoided by periodic use of a DayCor® Solarblind Corona Camera to detect insulator contamination! The handheld DayCor® Superb™ Corona Detection Camera is the perfect tool to use!



If you want to avoid spending high dollars and conserve major Purchasing Cash we have DayCor® Corona Cameras available for RENT!

Another example on contamination:

Detection of contaminated insulators using the DayCor® Camera helped to avoid an extremely expensive shutdown of a Nuclear Power Plant. Heavy Electrical Corona and Arcing was detected on **the two independent emergency power lines** feeding the plant. The lines were needed for emergency shutdown of the nuclear reactor should there be a problem. **Detection of Corona and Selective Power Washing avoided flash-over outage!**

Overhead lines and substations in areas with salt, dirt and pollen contaminated air all around the country are also susceptible to dangerous insulator flash-over!

The DayCor® Superb™ camera is the most sensitive SolarBlind Corona Detection Camera available. Due to its SolarBlind filter and extremely efficient lens system it will help detect and pinpoint the minutest Electrical Corona, Partial Discharge and Arcing on high voltage equipment.

DayCor® Solarblind Ultraviolet Corona Detection Cameras has been the industry gold standard for the detection of Invisible High Voltage Electrical Corona, Arcing and Partial Discharge since 2002.

We have the DayCor® handheld and Drone cameras available at excellent purchase prices.

The DayCor® is available for rental on a **weekly basis** with affordable pricing. Longer period rentals are available.

- **DayCor® Superb OD and XD:** Specs: Minimum UV Sensitivity: **1.5x10-18 watt/cm²**. Minimum Discharge Detection: 1pC @ 15 meters. Field of View: (HxV): 5° x 3.75° plus zoom. **XD&OD has the highest sensitivity of all Solarblind Corona Cameras.**



Sincerely Yours,
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