

# HANNON

HANNON ELECTRIC COMPANY

**OPEN 24 HOURS • 7 DAYS A WEEK**

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CANTON, OHIO

*Since 1926*

## **PdMA TESTING & DLI**

*Win Vis and MCE Gold Software*

*With PdMA testing & DLI testing, Hannon offers both mechanical and electrical diagnostic analysis.*



### **MCE Offline Testing**



### **EMAX Online Testing**

|   |   | <b>FAULT ZONE</b> |   |   |
|---|---|-------------------|---|---|
| N/A   | ← | Power Quality     | → | Power Analysis<br>Phase-to-Phase Voltages<br>Harmonic Voltage Factor<br>Voltage THD<br>Crest Factor |
| Standard Test<br>Phase-to-Phase Resistance<br>Resistive Imbalance | ← | Power Circuit     | → | Power Analysis<br>Voltage Imbalance<br>Current Imbalance  |
| Standard Test<br>Resistance-to-Ground<br>Capacitance-to-Ground    | ← | Insulation        | → | N/A   |
| Polarization Index<br>PI ration > 2.0                             |   |                   |   |   |
| Step Voltage Test   |   |                   |   |   |
| Standard Test<br>Inductive Imbalance<br>RIC                       | ← | Stator            | → | Power Analysis<br>Impedance Imbalance<br>Phase Power Factors  |
| Standard Test<br>Inductive Imbalance<br>Average Inductance<br>RIC | ← | Rotor             | → | In-Rush Start-Up<br>Changes in start-up profile<br>High/Low   |
| Standard Test<br>Inductive Imbalance<br>RIC                       | ← | Air-Gap           | → | Resolution CSA<br>Pole-Pass sideband amplitude<br>Swirl Effect @ 5th Harmonic                       |
|   |   |                   |   | Eccentricity CSA<br>1st and 3rd sidebands of<br>eccentricity frequency<br>amplitude                 |