

**For Release 9 a.m. EST
November 28, 2005**

Inspection System for High Mast Lamp Poles

(PRWEB) November 28, 2005 — High Mast Lamp Pole structures are failing and it is extremely difficult to predict these corrosion and weld-crack catastrophic failures. The availability of a High Mast Pole Inspection System has taken the expensive decision to replace a pole from a subjective observation to a precise, high-definition analysis.

Utilivations' products target predictive failure analysis and non-destructive tests and support the field inspection market with their complete MastCheck inspection system.

“MastCheck allows for rapid inspection, documentation, and quantitative analysis of fatigue and environmental damage before a structure collapse results,” explains Larry Anderson, Utilivations president. “The goal is to identify any structural problem in routine inspection, lamping, or other diagnostic review following hurricanes or other damaging influences. The high cost and poor efficacy of traditional high mast inspection methods do not adequately support the costly decision to replace or repair these very tall structures.”

High Mast Poles can now be completely inspected utilizing the integrated lamp-fixture lowering mechanism. The MastCheck product captures a complete 360° view of the entire structure. This data is transmitted on a wireless link for further problem analysis, quantitative results, and structure certification. Site data including pole identification, GIS location information, and foundation review is incorporated for engineering analysis

and to aid in rapid deployment of repair crews when needed. Analysis is done off-line so that the inspection task is quick and virtually automatic. The goal is to maximize the production of inspection reports, resulting in lowered costs and improved overall inspection production rates.

Utilivations, LLC is a leader in products for predictive analysis, maintenance, safety, and technical services for the electric power industry.

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For more information on MastCheck, Inc:

Peter DallePezze,
614-844-6278,
pdallepezze@mastcheck.com