



# PRETECT SERVICES



## ENGINEERING

LEED/Enhanced Commissioning & Retro-Commissioning

Building Inspections

Life Cycle & Single Point of Failure Analyses

Forensic Engineering

MEP Emergency Response Services

MEP Project Management

Transition to Operations (Procedure Development & Training)

Arc Flash, Coordination, & Short Circuit Studies

Shut-Down Scripts and Execution

HVAC & Refrigeration Optimization and Controls

Steam Surveys & Jackets

LED Lighting and Controls

Cogeneration

Sustainable Alternative Energy Consulting



## TESTING

Vibration Analysis

Motion Amplification®

Infrared Scanning

Ultrasonic Analysis

Motor Circuit Analysis

Critical Speed Analysis & Programming

Isolator Load Deflection Testing

Advanced Coherence Testing

Mechanical Inspection

Alignment Verification

Isolation Verification

Air & Water Flow Verification

Pre-Functional & Acceptance Testing of New & Rebuilt Equipment

Building Envelope Performance Analysis

Certified Harmonics Reduction Consulting



## CORRECTIVE ACTION

Certified Testing, Adjusting and Balancing (TAB)

VFD Preventative Maintenance (PM)

VFD Troubleshooting

VFD Motor Failure Analysis

VFD Harmonic Mitigation

VFD Application Design Consulting

VFD Installation and Repairs

Dynamic Balancing

Precision Laser Alignment

Isolator Adjustments

Spare Parts Feasibility Studies

Mechanical Repairs, Rebuilds, and Parts

Vibration Switches & Sensors Installation

**24/7/365 DAYS**

**EMERGENCY SERVICE**



**PRETECT**



**Online Service Request**



toconnelljr@preteckusa.com



631-445-7814



preteckusa.com