

HOW IS YOUR AGENCY
HOLDING/PLANNING
FOR ITS ASSET
MANAGEMENT & THE
FUTURE OF STREET
LIGHTING & RELATED
INFRASTRUCTURE?
WHAT IF/WHAT NEXT?

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HOLDING/PLANNING FOR ASSET MANAGEMENT

- ▶ LS-2 Customer Owned & Managed
 - ▶ Single Jurisdiction
 - ▶ Shared Management/Single Jurisdiction
 - ▶ Shared Ownership
 - ▶ Third Party Ownership
 - ▶ Public Private Partnership
 - ▶ Lease Arrangements
 - ▶ Special Districts/CSDs within Customer Jurisdictional Boundaries
 - ▶ Other Arrangements?
- ▶ LS-1 Utility Owned & Managed
 - ▶ Plans for ownership, operations, maintenance of assets in your community?

Future of Street Lighting & Related Infrastructure - Considerations

- ▶ Ownership = Control of Vertical Assets, Public Right of Way
- ▶ Finance to Purchase
- ▶ Finance to Retrofit/Controllers
 - ▶ Just Street Lights?
 - ▶ Other Lighting Projects (Parks, Parking Facilities, CSDs...)
 - ▶ Other Civic Infrastructure Projects (Roadways, Paths of Travel, Accessibility, Sustainability/Resiliency, Waste Water, Storm Drainage)
 - ▶ Can you use street light retrofit savings offset to help finance other necessary infrastructure?
- ▶ Attachment Devices (Telecom, Sensors, Cameras...and more)
- ▶ Managing the Process

Using Your Vertical Infrastructure/Related Assets in New Ways

- ▶ Virtual Reality/Augmented Reality (VR/AI) to Manage Projects
- ▶ Dealing with Climate/Disaster/Resiliency & Sustainability Issues
- ▶ Wireless Communication & Human/Machine & Machine/Machine Interactions
 - ▶ Autonomous Vehicular Traffic, Machine Communications & Air Space
 - ▶ Infrastructure Communication & Coordination (Synchronized Signaling, Outage/Maintenance Alerts)
- ▶ Impact of Human Distraction - Can VR/AI/3D/Motion Sensing Help?
- ▶ Street Light and Other Outdoor Lighting - Economic Development, Culture & Art, Safety, Enhancing Public Outdoor Spaces at Night for All
- ▶ Other Ideas?
- ▶ THANK YOU!