



Baltimore Regional Traffic Signal Forum November 5, 2008  
**Battery Backup Panel Discussion**



# Montgomery County DOT Battery Backup / UPS

A deployment in progress



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# Montgomery County System

- 800 traffic signals
  - 550 SHA signals maintained by County
  - 250 County signals
- County Policy of UPS/BBU at all signals
- SHA Policy of UPS/BBU at select signals
- 130 County Priority 1 intersections



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# Field Conditions/Issues

- County design – UPS/BBU mounted on control cabinet
- SHA design – UPS/BBU mounted on separate base and preferred separate power pedestal or new S cabinet which incorporates Inverter and Batteries within the signal control cabinet
- LED installation required for UPS/BBU
- Generators – to use or not to use



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# Deployment in Montgomery County

- Over 100 County intersections with UPS/BBU
- 25 Communications Hubs with UPS/BBU
- SHA is starting to deploy some UPS/BBU



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# Where do we go from here?

- County is installing on new communications hubs as we deploy
- Plan to install on the last 150 county intersections FY13-15
- Work with SHA to install at all sites meeting their criteria
- Incorporate maintenance costs into County operating budget and MSHA maintenance agreement



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# Questions?

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