

2014 EHSICC
September 9, 2014

Level (3) Electronic Waste

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Level (3) Sustainability Program

Waste and e-Waste Diversion

- Doubling of growth of program year over year since 2011
- Diversion rate - 60% overall NA
- All waste streams
- e-waste = approximately 80% diversion
- Metrics and measuring – track monthly via vendor

*Diversion
Goal
60%*



Level (3) e-Waste

2013

- **83% of non-telecom/desktop assets sold for reuse vs. recycle/de-manufacture**
- **Estimated 75% of telecom/network equip sold for reuse vs. recycle/de-manufacture**

2014

- **\$41 Million “capitol avoidance” goal**



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(3) Employee Education

- Greatest Challenge
- Individual facility Sustainability committees
- Procurement oversees collection and sorting for network e-waste
- Network has a very well known decommissioning program
- Vendor sorts e-wastes dropped off by employees
- Posters, flyers, newsletters, email blasts via Corporate Comm, collection bins with photographs

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(3) Procurement Strategies

Vendors & Due Diligence

- Vendors have 2-year contracts (as opposed to 3)
- Receive/review vendor credentialing (R2) and regular “stewardship” report(s)
- Auditing/Inspecting downstream – process with vendors
- Policy no scrap/no landfilling/no exporting

Asset Retirement for Larger Assets

- Procurement bids out each decommissioning project to the vendors
- Currently managing into the hundreds of decomm projects/month

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Program Evaluation

Procurement

HSE

- Procurement primary
- Site visits
- Third party audits – vendor under contract for review
- Frequency – quarterly internally



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2015 - Projects and Goals

- Global Goals, EMEA program, also doubling
- EPA's Electronics Challenge/UK equivalent
- Much larger capitol expense avoidance – EMEA
- Decrease transportation expenses
- Decrease overall waste removal expenses
- E-waste direct pick up at all NA facilities
- Regular e-waste options for employees
- Revised employee education campaign
- New Hire training on e-waste