

### State Electronics Challenge 2008 Partner Accomplishments

Partner	SEC Recognition Level	Program Areas	2008 Accomplishments	Environmental Benefits
<p><b>Maine State Government</b></p>	<p>Silver</p>	<p>Purchasing &amp; End of Life Management</p>	<ul style="list-style-type: none"> <li>• Added requirement to purchase only EPEAT® registered products                             <ul style="list-style-type: none"> <li>✓ <i>In 2008 state purchased 2,678 EPEAT registered computer units</i></li> </ul> </li> <li>• Increased reuse and recycling of surplus state equipment. Set internal reuse of equipment and parts as highest priority in order to reduce costs and wastes                             <ul style="list-style-type: none"> <li>✓ <i>In 2008 state transferred or donated 2,632 computer units for reuse</i></li> </ul> </li> <li>• Computers destined for disposal were sent to e-waste recycling vendors that must meet Maine’s Guidelines for Environmentally Sound Management of Televisions and Computer Monitors; state also conducted onsite reviews of recycling vendors to ensure that guidelines are met                             <ul style="list-style-type: none"> <li>✓ <i>In 2008 state recycled 4,195 computer units</i></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>✓ Reduced energy use by 11.6 million kWh = electricity to power 971 households annually</li> <li>✓ Greenhouse gas emissions by 689 MTCE = removing 463 passenger cars from the road each year</li> <li>✓ Municipal solid wastes by 106 metric tons = waste generated by 53 households annually</li> <li>✓ Toxic materials, including lead and mercury by 357 pounds</li> </ul>

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<p><b>Providence, Rhode Island School Department</b></p>	<p>Silver</p>	<p>Purchasing &amp; Use</p>	<ul style="list-style-type: none"> <li>• EPP computer purchases                             <ul style="list-style-type: none"> <li>✓ <i>In 2008 purchased 963 EPEAT registered products</i></li> </ul> </li> <li>• Reduced energy consumption by implementing power management strategies, including setting monitors to standby after 10 minutes and implementing district-wide computer shut off at a specified time each day                             <ul style="list-style-type: none"> <li>✓ <i>100% power management enabled rate for 6,726 computer monitors and desktops</i></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>✓ Reduced energy use by 6.6 million kWh = electricity to power 551 households annually</li> <li>✓ Greenhouse gas emissions by 1,250 MTCE = removing 841 passenger cars from the road each year</li> <li>✓ Municipal solid wastes by 0.4 metric tons</li> <li>✓ Toxic materials, including lead and mercury by 7 pounds</li> </ul>

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<p><b>City of Keene, New Hampshire</b></p>	<p>Silver</p>	<p>Purchasing &amp; End of Life Management</p>	<ul style="list-style-type: none"> <li>• Purchased only EPP computers                             <ul style="list-style-type: none"> <li>✓ <i>In 2008 purchased 129 EPEAT registered products</i></li> </ul> </li> <li>• Working to reduce energy consumption of equipment in operation by installing “Wake on LAN” software                             <ul style="list-style-type: none"> <li>✓ <i>Power management enabled on all LCD monitors (242 units)</i></li> </ul> </li> <li>• Implemented an employee computer purchase program to extend product lifetime                             <ul style="list-style-type: none"> <li>✓ <i>In 2008 transferred 12 computer units to employees for reuse and recycled 87 units</i></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>✓ Reduced energy use by 121,600 kWh = electricity to power 10 households annually</li> <li>✓ Greenhouse gas emissions by 16 MTCE = removing 11 passenger cars from the road each year</li> <li>✓ Municipal solid wastes by 1.7 metric tons = waste generated by 1 household annually</li> <li>✓ Toxic materials, including lead and mercury by 10 pounds</li> </ul>

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<p align="center"><b>Connecticut Department of Environmental Protection</b></p>	<p align="center">Bronze</p>	<p align="center">Purchasing</p>	<ul style="list-style-type: none"> <li>• Worked with the Department of Information Technology to change bid specifications for state-wide computer equipment to include EPEAT registered products                             <ul style="list-style-type: none"> <li>✓ <i>In 2008 purchased 1,870 EPEAT registered products for state-wide use</i></li> </ul> </li> <li>• Recycled 1,719 units taken out of service</li> </ul>	<ul style="list-style-type: none"> <li>✓ Reduced energy use by 0.9 million kWh = electricity to power 71 households annually</li> <li>✓ Greenhouse gas emissions by 133 MTCE = removing 89 passenger cars from the road each year</li> <li>✓ Municipal solid wastes by 14.7 metric tons = waste generated by 7 households annually</li> <li>✓ Toxic materials, including lead and mercury by 142 pounds</li> </ul>

**Calculating Environmental Benefits**

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<p><b>New York Department of Environmental Conservation</b></p>	<p>Bronze</p>	<p>Purchasing</p>	<ul style="list-style-type: none"> <li>• Purchased 100% EPEAT registered products                             <ul style="list-style-type: none"> <li>✓ <i>In 2008, purchased 2,316 EPEAT registered products, including 57 percent EPEAT gold-rated products</i></li> </ul> </li> <li>• Ensured environmental sound recycling of units taken out of service.                             <ul style="list-style-type: none"> <li>✓ <i>In 2008 recycled 979 computer units</i></li> </ul> </li> <li>• Working to improve power management and energy savings for its computer inventory</li> <li>• Plans to share its successes with other state agencies and encourage them to implement similar programs to reduce the environmental footprint of electronics</li> </ul>	<ul style="list-style-type: none"> <li>✓ Reduced energy use by 0.9 million kWh = electricity to power 77 households annually</li> <li>✓ Greenhouse gas emissions by 148 MTCE = removing 99 passenger cars from the road each year</li> <li>✓ Municipal solid wastes by 13.5 metric tons = waste generated by 7 households annually</li> <li>✓ Toxic materials, including lead and mercury by 165 pounds</li> </ul>

Environmental benefits were calculated using the EPA Sponsored Electronics Environmental Benefits Calculator (EEBC), Version 2, dated March 2, 2009. The EEBC was developed under a Cooperative Agreement between U.S. EPA and the University of Tennessee. To access the EEBC, visit the Federal Electronics Challenge website at <http://www.federalelectronicchallenge.net/resources/bencalc.htm>.