

**CAPS Research**  
**Electric Utility Industry Sustainable Supply Chain Alliance**  
**2009 Supplier Environmental Performance Evaluation Benchmarking Report**

**Release Date: August 26, 2009**

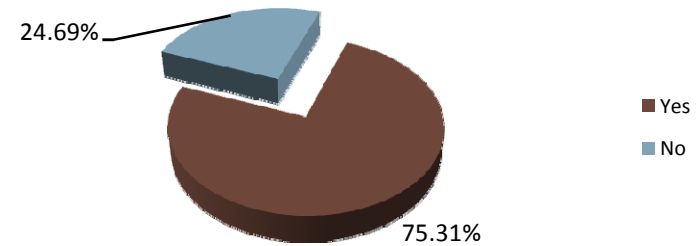
**A. Sales (in dollars):**

Average	\$4,433,393,336		
Median	\$120,000,000		
Range	\$859,000	to	\$182,515,000,000

**Organizational Structure**

**B. Percent of organizations reporting for the entire company, including all business operations:**

Yes	75.31%
No	24.69%

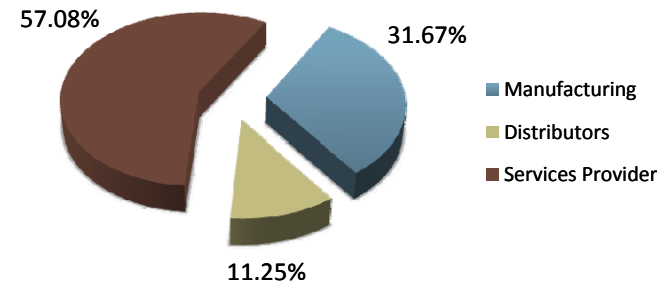


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**C. Number of reporting organizations that are:**

Manufacturing	76
Distributors	27
Services Providers	137
Total Number of Participants	240

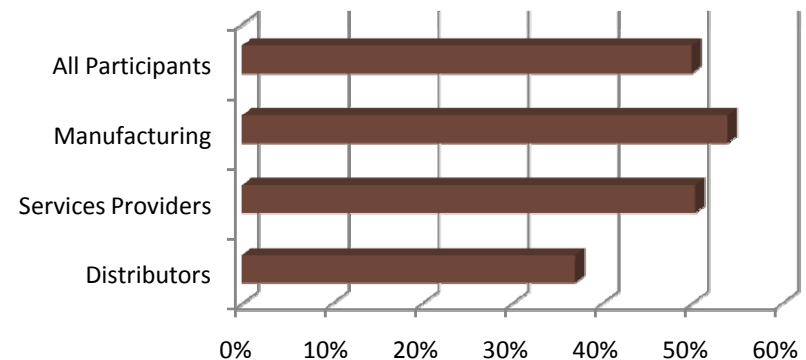


If the reporting organization was Manufacturing:

Percent of manufacturing that is domestic:	76.56%
Average number of domestic manufacturing locations with less than 500 employees	5.40

**D. Percent of organizations that elected to share individual company survey data with their respective Alliance Member(s):**

All Participants	50.00%
Manufacturing	53.95%
Services Providers	50.36%
Distributors	37.04%



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<b><i>Policy &amp; Environmental Management</i></b>						
<b>1</b>	Percent of organizations that are required to adhere to an established policy on environmental management	236	46.19%	63.51%	40.44%	26.92%
	If <u>Yes</u> : Percent of organizations that post this policy on a public web site	109	35.78%	55.32%	20.00%	28.57%
	If <u>No</u> : Percent of organizations that plan to establish a policy on environmental management within the next 12 months	117	40.17%	33.33%	41.10%	47.06%
<b>2</b>	Percent of organizations that have a formally established environmental management system (EMS) in place	230	36.52%	58.90%	27.69%	18.52%
	If <u>Yes</u> : Percent ISO 14001 certified	82	37.80%	53.49%	22.86%	0.00%
<b>3</b>	Percent of organizations that report environmental performance results externally (e.g., web site, publish a sustainability/environmental report, included in an annual report or other published document)	228	17.98%	32.43%	10.94%	11.54%
	If <u>Yes</u> : Percent of organizations that post this policy on a public web site	41	85.37%	91.67%	78.57%	i.d.
<b>4</b>	Percent of organizations that measure and trend their environmental compliance performance (e.g., Notices of Violation, Permit Non-compliances, Reportable Spills and Significant Monetary Fines/Penalties)	229	47.16%	67.57%	37.21%	38.46%
	If <u>Yes</u> : Percent of organizations that report this performance to senior management and/or the Board of Directors	108	97.22%	96.00%	97.92%	100.00%
	If <u>Yes</u> : Percent of organizations that publicly report their compliance performance trends	106	28.30%	38.00%	19.57%	20.00%
<b>5</b>	Percent of organizations that engage their suppliers on environmental performance standards (e.g., purchasing requirements, education and training, other)	224	39.29%	43.84%	33.60%	53.85%

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<b>Greenhouse Gas (GHG) Emissions</b>						
<b>6</b>	Percent of organizations that measure and trend GHG emissions	229	20.09%	36.49%	13.95%	3.85%
	If <b>No</b> : Percent of organizations that plan to measure and trend GHG emissions within the next 12 months	183	14.75%	23.08%	14.81%	0.00%
	If <b>Yes</b> : Percent of organizations that are able to provide a breakdown of direct and indirect emissions as defined by the WRI/WBCSD GHG Protocol Scope 1, 2 and 3 emissions	46	73.91%	74.07%	72.22%	i.d.
	<i>Of those organizations that are able to provide a breakdown of direct and indirect emissions as defined by the WRI/WBCSD GHG Protocol Scope 1, 2 and 3 emissions:</i>					
<b>7</b>	Percent change in GHG emissions inventory from current year to base year:	20				
	Direct emissions (Scope 1)		-11.28%	-17.63%	7.74%	i.d.
	Indirect emissions (Scope 2)		-3.89%	-6.79%	2.38%	i.d.
	Other Indirect emissions (Scope 3)		5.94%	5.94%	i.d.	i.d.
	Total emissions		-11.07%	-17.90%	8.05%	i.d.
<b>8</b>	Percent of organization's total emissions that were directly attributed to:	28				
	the use of electricity		52.04%	57.34%	42.51%	i.d.
	the use of non-transportation fuel		19.40%	25.71%	6.77%	i.d.
	the use of transportation fuel		21.49%	9.90%	44.67%	i.d.

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	<i>Of those organizations that currently measure and trend GHG emissions or plan to in the next 12 months:</i>					
9	Percent of organizations whose GHG inventory has been verified or audited by a third party	69	30.43%	41.18%	20.59%	i.d.
10	Percent of organizations that have established a voluntary commitment to reduce GHG emissions	69	69.57%	70.59%	67.65%	i.d.
11	Percent of organizations that have a GHG emissions reduction program in place	69	42.03%	58.82%	26.47%	i.d.
	If <u>No</u> : Percent of organizations that plan on creating a reduction program within the next 12 months	38	78.95%	78.57%	78.26%	i.d.
12	Percent of organizations that regularly reported their GHG emissions performance to senior management and/or the Board of Directors	69	53.62%	70.59%	35.29%	i.d.
13	Percent of organizations that publically report GHG emissions	69	39.13%	55.88%	20.59%	i.d.
	If <u>Yes</u> : Percent of organizations that post GHG emissions on a public web site	27	92.59%	94.74%	100.00%	i.d.
14	Percent of organizations where new federal regulations mandating the reduction in GHG emissions would present a business risk or business opportunity:					
	Risk:	101				
	Yes		17.82%	20.45%	18.00%	0.00%
	No		34.65%	43.18%	28.00%	28.57%
	Unknown		47.52%	36.36%	54.00%	71.43%
	Opportunity:	103				
	Yes		42.72%	50.00%	40.38%	14.29%
	No		12.62%	18.18%	7.69%	14.29%
	Unknown		44.66%	31.82%	51.92%	71.43%

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15	Percent of organizations that reported reducing GHG emissions by adopting the following measures:	188				
	Energy efficiency improvements		92.02%	91.04%	93.20%	88.89%
	Process modifications		61.17%	83.58%	49.51%	44.44%
	Purchase of offsets		6.91%	10.45%	5.83%	0.00%
	Sequestration		2.13%	2.99%	1.94%	0.00%
	Use of alternative transportation fuels		23.94%	5.97%	34.95%	27.78%
	Use of electric vehicles		13.83%	16.42%	11.65%	16.67%
	Use of renewable energy		22.34%	26.87%	18.45%	27.78%
<i>Air Emissions</i>						
16	Percent of organizations that are required to report emissions under Toxic Release Inventory (TRI) reporting requirements	227	20.26%	45.95%	7.09%	11.54%
	If <u>Yes</u> : Percent of organizations that have a plan in place to reduce TRI emissions	44	61.36%	56.25%	77.78%	i.d.
<i>Energy Consumption</i>						
17	Percent of organizations that reported the following energy consumption information:	180				
	Energy consumption is measured and trended		59.44%	89.71%	45.74%	16.67%
	A voluntary program to improve energy efficiency is in place		85.00%	80.88%	88.30%	83.33%
	An energy efficiency goal has been established		26.11%	38.24%	21.28%	5.56%
	Renewable energy is utilized as part of meeting energy needs		17.78%	20.59%	14.89%	22.22%
	Progress towards energy efficiency is publicly communicated		23.89%	30.88%	19.15%	22.22%
	Performed energy audit(s)		40.00%	54.41%	28.72%	44.44%
18	Percent of total annual energy consumption supplied from renewable resources for the most recently completed fiscal year (e.g., solar, wind)	32	11.64%	12.78%	12.01%	i.d.

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<i>Water Use</i>						
19	Percent of organizations that reported the following water use information:	129				
	Water use is measured and trended		61.24%	91.80%	36.84%	18.18%
	A voluntary program to improve water use efficiency is in place		79.84%	68.85%	87.72%	100.00%
	A water use efficiency goal has been established		19.38%	26.23%	14.04%	9.09%
	Water use is reported to senior management and/or the Board of Directors		33.33%	49.18%	19.30%	18.18%
	Progress towards water use efficiency is publicly communicated		19.38%	26.23%	14.04%	9.09%
	Performed water use audit(s)		24.03%	32.79%	14.04%	27.27%
20	Percent of organizations that can determine the total annual water use that was recycled or reused:					
	Recycled	211	10.43%	22.54%	4.31%	4.17%
	Percent of annual water use that was recycled	19	28.04%	36.93%	3.95%	i.d.
	Reused	209	11.48%	25.71%	4.31%	4.35%
	Percent of annual water use that was reused	20	34.85%	44.67%	6.75%	i.d.

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<b>Waste and Materials Management</b>						
<b>21</b>	Percent of organizations that reported the following non-hazardous waste (e.g., commercial waste and industrial waste) information:					
	Commercial Waste:	134				
	Non-hazardous waste generation is measured and trended		36.57%	62.00%	22.22%	16.67%
	Voluntary commitments to reduce non-hazardous waste generation are in place		83.58%	84.00%	84.72%	75.00%
	Progress towards reducing non-hazardous waste generation is publicly communicated		32.84%	44.00%	25.00%	33.33%
	Recycling and/or reuse of non-hazardous waste is utilized as part of meeting waste goals		66.42%	72.00%	65.28%	50.00%
	Recycling and/or reuse of non-hazardous waste is measured and trended		32.09%	58.00%	16.67%	16.67%
	Industrial Waste:	103				
	Non-hazardous waste generation is measured and trended		57.28%	80.00%	31.71%	28.57%
	Voluntary commitments to reduce non-hazardous waste generation are in place		83.50%	85.45%	78.05%	100.00%
	Progress towards reducing non-hazardous waste generation is publicly communicated		31.07%	41.82%	19.51%	14.29%
	Recycling and/or reuse of non-hazardous waste is utilized as part of meeting waste goals		72.82%	76.36%	68.29%	71.43%
	Recycling and/or reuse of non-hazardous waste is measured and trended		44.66%	67.27%	21.95%	0.00%

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<b>22</b>	<b>Percent of organizations that can determine the total amount of non-hazardous waste stream that is recycled or reused:</b>					
	<b>Commercial Waste</b>	158	24.68%	40.00%	17.86%	0.00%
	<b>Percent of non-hazardous commercial waste stream that was recycled or reused</b>	33	46.31%	52.25%	43.42%	i.d.
	<b>Industrial Waste</b>	137	35.77%	55.74%	21.21%	10.00%
	<b>Percent of non-hazardous industrial waste stream that was recycled or reused</b>	46	64.46%	64.37%	62.82%	i.d.
<b>23</b>	<b>Percent of organizations that generate hazardous waste (e.g., universal waste, listed and non-listed hazardous waste)</b>	220	45.91%	76.71%	33.06%	17.39%
<b>24</b>	<b>Percent of organizations who reported the following hazardous waste (e.g., universal waste, listed and non-listed hazardous waste) information:</b>					
	<b>Universal Waste:</b>	77				
	<b>Hazardous waste generation is measured and trended</b>		61.04%	83.33%	32.26%	50.00%
	<b>Voluntary commitments to reduce hazardous waste generation are in place</b>		76.62%	73.81%	80.65%	75.00%
	<b>Progress towards reducing hazardous waste generation is publicly communicated</b>		25.97%	28.57%	25.81%	0.00%
	<b>Recycling and/or reuse of hazardous waste is utilized as part of meeting waste goals</b>		64.94%	71.43%	61.29%	25.00%
	<b>Recycling and/or reuse of hazardous waste is measured and trended</b>		33.77%	45.24%	22.58%	0.00%
	<b>Other Hazardous Waste:</b>	69				
	<b>Hazardous waste generation is measured and trended</b>		76.81%	86.67%	59.09%	i.d.
	<b>Voluntary commitments to reduce hazardous waste generation are in place</b>		81.16%	82.22%	77.27%	i.d.
	<b>Progress towards reducing hazardous waste generation is publicly communicated</b>		33.33%	37.78%	27.27%	i.d.
	<b>Recycling and/or reuse of hazardous waste is utilized as part of meeting waste goals</b>		65.22%	68.89%	63.64%	i.d.
	<b>Recycling and/or reuse of hazardous waste is measured and trended</b>		47.83%	57.78%	31.82%	i.d.

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25	Percent of organizations that can determine what percent of the hazardous waste stream is recycled or reused, in accordance with applicable regulations	93	37.63%	46.15%	26.32%	i.d.
	Percent of hazardous waste stream recycled or reused	31	65.06%	58.24%	77.08%	i.d.
<b>Innovation</b>						
26	Percent of organizations that integrate the following into the design of their products, processes/logistics:	137				
	Life-cycle analysis		59.56%	63.49%	53.97%	70.00%
	Design for the environment		64.96%	67.21%	62.69%	66.67%
	Product sustainability		56.15%	58.62%	49.18%	81.82%
27	Percent of organizations that have an environmental education program for:	225				
	Employees		56.00%	64.38%	53.13%	45.83%
	Suppliers		15.84%	20.55%	11.29%	25.00%
28	Percent of organizations that reward the following groups for environmental innovation:	224				
	Employees		27.23%	31.94%	25.20%	24.00%
	Customers		6.82%	8.70%	3.97%	16.00%
	Suppliers		9.13%	11.59%	4.80%	24.00%

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29	Percent of organizations that have implemented the following programs/products/best practices/designations or certifications to reduce the environmental impacts of products/services:	111				
	Energy Star		59.46%	45.24%	74.14%	36.36%
	EPEAT		6.31%	9.52%	5.17%	0.00%
	FSC		14.41%	14.29%	13.79%	18.18%
	Green-e		2.70%	4.76%	0.00%	9.09%
	GreenBlue		0.00%	0.00%	0.00%	0.00%
	Greenguard		6.31%	4.76%	6.90%	9.09%
	LEED		40.54%	33.33%	50.00%	18.18%
	NPEP		1.80%	4.76%	0.00%	0.00%
	RoHS		26.13%	57.14%	6.90%	9.09%
	SmartWay		6.31%	4.76%	6.90%	9.09%
	WasteWise		7.21%	11.90%	5.17%	0.00%
	WaterSense		0.90%	0.00%	1.72%	0.00%
	WEEE		18.02%	40.48%	5.17%	0.00%
	Best Workplaces for Commuters		4.50%	4.76%	5.17%	0.00%
	Center for Environmental Leadership in Business		2.70%	4.76%	1.72%	0.00%
	Clean Cities Program		3.60%	2.38%	1.72%	18.18%
	National Clean Diesel Campaign		3.60%	0.00%	5.17%	9.09%
	Sustainable Forestry Initiative		6.31%	4.76%	6.90%	9.09%
	Other		27.93%	38.10%	18.97%	36.36%
<u>List other:</u> AESP; CA Climate Action Registry; Carpooling; Carpet and Rug Institute Green; Chicago Climate Exchange; Clean Air Campaign; Climate Neutral Products; Climate Smart Supporters; Climatesmart; Commuting (2); Company Vans; Dust Control Programs; EICC; Electronic Policies; Enterwise (Demand Response); EPA Climate Leaders; Goals to reduce carbon footprint; GreenRide; Green Lights Program; Green Supplier Network (4); Green Tier; GS-42; GSN audit; ISO 14001; JF Elec Corp Safety Manual; NSF 140; Other EcoLabels in all regions; Patented an energy saving product; Presidential Green Chemistry; RC; REACH (2); SmartAC; US Green Building Council (3)						

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<b>30</b>	<b>Percent of organizations that have suggestions for how their organizations and the companies in the Alliance can collaborate on reducing environmental impacts</b>	225	41.78%	52.05%	39.20%	25.93%
<b>31</b>	<b>Percent of organizations that believe collaboration could exist in the following areas:</b>	94				
	<b>Energy consumption</b>		65.96%	65.79%	67.35%	57.14%
	<b>GHG emissions</b>		46.81%	52.63%	46.94%	14.29%
	<b>Procurement specifications</b>		47.87%	52.63%	40.82%	71.43%
	<b>TRI reduction</b>		10.64%	10.53%	12.24%	0.00%
	<b>Waste &amp; materials management</b>		67.02%	57.89%	75.51%	57.14%
	<b>Water use</b>		24.47%	23.68%	24.49%	28.57%
	<b>Other</b>		11.70%	7.89%	12.24%	28.57%
	<b>List other:</b> Community and social programs; Energy generation efficiency; eProcurement/AP processing; Green/Sustainable Building/ Non-SF6 vacuum breakers; Recycling; Renewable energy; Renewable lubricants; Share leading practices; Supplier data benchmarking; Supply Chain Management; TDM programs; Travel reduction and measurement					

i.d. indicates insufficient data