



Annual Recycling and Recycled Paper Procurement Update

July 1, 2019 – June 30, 2020

The following report identifies the sustainable practices undertaken in fiscal year 2020 by the Department of Central Management Services (CMS).

In Accordance with 415 ILCS 20/3 (From Ch. 111 ½, Par. 7053), the Illinois Department of Central Management Services submits the following report to Members of the Illinois General Assembly on or before November 1, 2020.

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Director

I-Cycle Program

Created by the Solid Waste Management Act of 1986, the State of Illinois I-Cycle Program facilitates the recycling efforts of more than 40,000 State employees across more than 225 State locations. I-Cycle recycles and promotes recycling and reuse of paper, electronic waste, cardboard, toner cartridges, aluminum cans, tires, fluorescent lamps, high-intensity discharge lamps, books, plastics, batteries and motor oil; however, not all services are available or applicable at all locations. CMS strives to provide alternative methods for recycling in those facilities not served by the I-Cycle program, which includes identifying local drop off points and alternative vendors where available.

I-Cycle's Recycling Website; www.lcycle.illinois.gov provides additional information on the program and educational materials for materials accepted in the collection system.

Paper Recycling

In FY20, the State of Illinois diverted an estimated over 2.3 million pounds from the waste stream.

The following tables show the breakdown of recycling vendors, service areas, and reported weight of materials recycled. This table summarizes the data available to the I-Cycle program from vendors under contract with the State for specific services but is not inclusive of all material recycled by the State.

FY20 State of Illinois Recycled Paper

Vendors	Service Area	FY20 Recycled Paper (Pounds)
Huron Paper Stock Recycling	Des Plaines Area	65,756
Independent Recycling Services, Inc	Chicago Area	208,367
Midwest Fiber	Revenue and Human Services Locations	680,140
Allied Waste/Republic	Downstate and Collar Counties	285,000
Shred-It On-Site Shredding (Estimated)	Employment Security Locations	12,685
Opportunity Secure Data Destruction (Estimated)	Statewide Shredding	820,167
Other Secure Shredding Services		250,000
*Total (Pounds)		*2,322,115

*Due to changes in recycling tracking data processes, FY20 data does not include Department of Correction's recycling volume.

Lamp and Battery Recycling

FY20 Fluorecycle Contract

Material	Pounds	Quantity
Crushed Fluorescent Lamps	5,269	
Ballasts	6,523	
Batteries Lead/Calcium		
Fluorescent Lamps		4,241
High Intensity Discharge Lamps		109
Total	11,792	4,350

Procurement

FY20 Recycled Paper and Paper Products Summary

The following table summarize the spend on recycled paper and paper products procured by CMS for State agencies during the past fiscal year. Besides the office paper and envelopes purchased by the CMS Printing Unit, the Bureau of Property Management purchases paper products such as toilet tissue, napkins, and paper towels for State agencies. For FY20, CMS did not procure any printing services.

	Non-Recycled Content	Recycled Content	Total	Percentage Recycled Products
Printing Unit: Paper	\$ 1,594,157	\$ 4,062,723	\$ 5,656,880	71.8%
Printing Unit: Envelope	\$ -	\$ 147,253	\$ 147,253	100.0%
Printing Unit Totals	\$ 1,594,157	\$ 4,209,976	\$ 5,804,134	72.5%
Other Paper Products*	\$ 166,558	\$ 519,943	\$ 686,501	75.7%

*Contract expired 02/09/2020 - only spend for 07/01/2019-02/09/2020 shown

Other Sustainable Initiatives

Energy Management

CMS Energy Management staff oversees the Statewide Energy Procurement, utility accounts managed by CMS and an Energy Efficiency Program. In FY20 CMS; successfully negotiated Electrical and Natural Gas supply contract rates resulting in savings exceeding \$10M compared to the previous contract rates, managed benchmarking at four Chicago facilities accounting for over 2 million square feet of space to raise awareness of energy performance through transparency and information sharing, coordinated participation of twenty-four buildings in the Pennsylvania-New Jersey-Maryland Interconnection (PJM) territory Demand Response Program demonstrating CMS' operational agility to decrease grid load by 5,000 kW, earning the State \$156,000 in addition to energy savings during the exercise; and implemented lighting retrofits resulting in over 1,825,000 kWh in energy savings.

CMS remains committed and continues to identify locations, focusing on buildings in distressed communities, to maximize energy and maintenance cost savings through energy efficiency programs available to public sector customers. In addition, CMS is developing partnerships with US Department of Energy, IL Environmental Protection Agency's Office of Energy, University of Illinois' Smart Energy Design Assistance Center to implement and validate emerging technologies in the energy efficiency marketplace. CMS anticipates these partnerships will result in potential pilot programs and projects in the future.

Mail & Messenger (M & M)

CMS Bureau of Agency Services, provides sustainable, economical Interagency Mail Service for State of Illinois agencies.

Property Control Division (Surplus Property) - FY20 - State of Illinois Surplus Program

Surplus Property manages the State Surplus Property and the Federal Surplus Property programs where State agencies/entities receive direct access to furniture, electronics, desks, bookcases, file cabinets, partitions, computer stands, and other non-traditional supplies collected by the State of Illinois Surplus Program. Approximately 95% of all office items are recycled by re-use throughout State agencies/entities, priority non-State public agencies/entities, and Ibid sales to the public.

In FY20, Surplus Property recycled over 46,006 electronic items diverting over 1,124,130 pounds of electronic waste from landfills. Recycled electronic items include, computers, laptops, servers, monitors, televisions, copiers, printers, hard drives, etc. A total of 12,846 hard drives were wiped, removed, or destroyed in accordance with State of Illinois data destruction laws and rules.

Fleet Sustainability Efforts

CMS Division of Vehicle Fleet Management (DOV) employs sustainable management and purchasing practices as the State’s Fleet and Transportation Manager. The DOV utilizes intra electronic SharePoint to publish and share information and documents regarding the State fleet policy and options, replacing information sharing through hard copy documents. CMS promotes WebEx and teleconferences replacing in-person meetings and other alternatives such as the use of videoconferencing and webinars which reduce travel time and need for vehicles. The DOV provides agencies with a Trip Cost Calculator tool to help them make informed and efficient decisions when choosing among transportation options.

FY20 CMS DOV commitment to sustainability measures:

Description	Quantity
Number of Electric Vehicles (EV)	49
Number of Hybrid Vehicles	178
Number of E-85 Vehicles	7,253
Number of EV Charging Stations	30
Recycled/Re-tread Tires	414
Biodiesel (gallons)	1,276,160
5W20 (gallons)	6,986
5W30 (gallons)	3,587
15W40 (gallons)	17,631
Recycled Oil (gallons) – Total	28,204

The DOV’s “State Employee Business Transportation Policy” guides agency’s fleet and mobility decisions to sustainable, fuel, and cost-efficient choices such as the use of public transportation and car sharing. The policy also promotes alternatives such as the use of videoconferencing and webinars to reduce travel. The DOV provides agencies with a Trip Cost Calculator tool to help them make informed and efficient decisions when choosing among transportation options.

CMS is committed to the goal of sustainable business practices and decreasing the amount of material entering the landfill stream. The COVID-19 pandemic has provided an opportunity to assess our supply chain, utilize more technology shifting to more electronic based processes, and develop more resilient behaviors. Increased electronic based processes is suggesting a twofold benefit; less paper products are procured thus resulting in a decrease in paper product entering the waste/recycling streams. Cost savings are anticipated on both the front and back end of a paper-product’s life cycle.

In the upcoming year CMS will continue to lead by example in minimizing potential environmental impact with waste reductions, recycling and recycled/post-consumer-purchasing activities.

Within the agency, educational webinars and inter-agency promotion of sustainable behaviors are encouraged to maintain staff awareness of the recycling marketplace and begin to think differently on the office practice's impact on the environment. Professional development in the discipline of Sustainability is encouraged. As an example, CMS currently has a LEED Certified staff member and is exploring more LEED Certifications. In addition to interagency efforts, CMS provides an advocacy role for other State agencies to maintain and expand their business practices to increase sustainable activities and reduce the amount of waste entering landfills.