



## **PROPOSED ANNUAL DETERMINATION FOR MANUFACTURERS OF COVERED ELECTRONIC DEVICES**

- **Market Share Determination (calendar year 2017 data), and**
- **Brand Determination**

Pursuant to §22a-638-1(f)&(g) of the Regulations of Connecticut State Agencies (“RCSA”), the Department of Energy and Environmental Protection (“DEEP”) hereby posts its proposed, annual determinations for the following:

- 1) Market Share Attributable to each Manufacturer for Computers, Printers, Monitors, and Televisions (collectively known as “Covered Electronic Devices” or “CEDs”). This market share determination is based upon available national market share data from the previous calendar year; and
- 2) Brand(s) Attributable to a Manufacturer for Computers, Monitors, and Printers based on information obtained by DEEP<sup>1</sup>.

After manufacturers have an opportunity to rebut these determinations and the Commissioner posts his final determinations, the pro rata shares shall be used for a one year period, as the basis for calculation of the following:

- A. for all manufacturers, a manufacturer’s annual registration renewal fee paid to DEEP;
- B. for manufacturers of televisions, a manufacturer’s recycling fees, to be billed by DEEP-approved Covered Electronic Recyclers (“CER”); and
- C. for manufacturers of computers, monitors, and printers, a manufacturer’s recycling fees for orphan devices to be billed by CERs.

---

<sup>1</sup> See list titled “[Manufacturer’s Brands / Contacts List for CT DEEP’s Statewide E-Waste Recycling Program](#),” posted on DEEP’s website for brands that are already attributed to a manufacturer. This list is updated by DEEP as needed during the year. Important note for unregistered manufacturers: If a manufacturer / brand is identified on any of the preceding tables, and the manufacturer responsible for the brand(s) has not already registered its brand(s) with DEEP, the manufacturer shall register on a form prescribed by the Commissioner before selling the brand in Connecticut. See [Manufacturer’s Registration Form and Instructions](#) posted on DEEP’s website for more information. If a brand has not already been registered by a manufacturer in Connecticut, see the last table provided below for the Commissioner’s brand determination / assignment to unregistered manufacturers.

The national market share data underlying these determinations was provided under contract by the Northeast Recycling Council (“NERC”) in concert with the National Center for Electronics Recycling (“NCER”) and Electronics Recycling Coordination Clearinghouse (“ERCC”). The primary sources of this data include IDC Research, Inc., NPD Group and self-reports provided by electronic manufacturers that reported the data to ERCC.

### **Opportunity to Rebut Manufacturer Brand and Market Share Determination**

In accordance with RCSA §22a-638-1(f)(2)&(g)(3)(B), the brand and market share determinations noted below and posted on DEEP’s website are presumed to be correct unless a manufacturer submits information rebutting these determinations. A manufacturer seeking to rebut a determination, for itself or for any other manufacturer, shall submit rebuttal information in writing within 30 days of this posting. Rebuttal information must include information such as the number of units sold, for the type of CED in question, based upon nationally available data, the number of units shipped, retail sales data, consumer surveys or other nationally available data, the source of any such information and all supporting documents.

Rebuttal information and questions regarding these determinations must be **received** no later than **Friday, June 1, 2018**. It is preferred to send the information to the attention of Mr. Mark Latham by email to [mark.latham@ct.gov](mailto:mark.latham@ct.gov). Rebuttal information may also be sent via traditional mail to the attention of Mr. Mark Latham, Environmental Analyst 3, Waste Engineering and Enforcement Division, Department of Energy and Environmental Protection, 79 Elm Street, Hartford, Connecticut 06106. Following the receipt of any rebuttal information, the DEEP Commissioner shall make his final determination and shall notify each manufacturer of this determination.

The final brand and market share determinations will be posted on the [manufacturer’s section](#) of the DEEP’s web site as soon as possible after the end of the rebuttal period. Note that the final market share determined by the Commissioner is used by CERs and DEEP to bill manufacturers (see next section).

### **Final Market Share for Billing for Recycling and Administrative Fees**

**Pro Rata Share Adjustments**: For the purposes of billing for orphan devices or televisions, adjustments to the market share percentages are made to calculate the final pro rata market share in accordance with RCSA §22a-638-1(h)&(i). The adjustments add together and allocate any de minimis<sup>2</sup> market shares, to the manufacturers at

---

<sup>2</sup>For manufacturers of Computers, Monitors and Printers, a manufacturer is considered de minimis if it has less than 1.0% market share. For manufacturers of Televisions, a manufacturer is considered de minimis if it has less than 0.1% market share.

or above the de minimis thresholds in proportion to their proposed market share (see “Proposed Percentages” column in tables below). The final pro rata market share for orphan devices and televisions will be posted on the [recyclers section](#) of DEEP’s web site on or around **June 1** of each year, if possible. All registered manufacturers and electronics manufacturer trade associations will receive an email notice from the commissioner.

**Recycling fees:** For manufacturers of computers, monitors and printers, the adjustments will affect the amounts such manufacturers owe to CERs for orphan devices collected in each category of device in a billing period. Such manufacturers below de minimis in the proposed market share determination do not pay a share of the recycling fees for orphan devices. Such manufacturers at or above de minimis pay the adjusted, slightly higher, pro rata share of the recycling fees to CERs for orphan devices, in accordance with the final market share determination. At a minimum, all manufacturers of computers, monitors and printers pay recycling fees to CERs for the weight of their brands collected.

For manufacturers of televisions, the adjustments will affect the recycling fees that manufacturers above the de minimis threshold owe to CERs for the total weight of televisions collected in a billing period. Television manufacturers below de minimis in the proposed market share determination, do not pay recycling fees. Television manufacturers at or above de minimis pay the adjusted, slightly higher, pro rata share of the recycling fees to CERs for televisions, in accordance with the final market share determination.

**Administrative Fees:** The amount of a manufacturer’s annual registration fee – which will be invoiced separately by DEEP - may not directly correlate with a manufacturer’s pro rata market share for any single category of CED. Each manufacturer is assessed annual registration renewal fees based on:

- the expected costs to the Department for administering the program for the upcoming year (“annual budget”);
- each manufacturer’s market share for all categories of CEDs that the manufacturer is responsible for a brand(s); and
- a minimum fee of \$250.

No manufacturer shall pay less than \$250 pursuant to RCSA §22a-630(d)-1(b). As a result, adjustments are made to account for manufacturers that have market share below the de minimis thresholds in at least one category of CEDs that are required to pay a minimum fee of \$250.

## Proposed Market Share Determination for Printers

<b>Manufacturer</b>	<b>Proposed Percentage</b>	<b>Proposed Pro rata*</b>
Hewlett Packard Company	52.016%	52.93%
Canon USA, Inc.	22.042%	22.43%
Epson America, Inc.	19.289%	19.63%
Brother International Corporation	3.637%	3.70%
Funai Corporation, Inc.	1.284%	1.31%
Dell Marketing LP	0.755%	*
Xerox Corporation	0.389%	*
Konica Minolta Business Solution USA, Inc.	0.322%	*
Toshiba America Information Systems, Inc.	0.094%	*
Lexmark International, Inc.	0.085%	*
Ricoh Americas Corporation	0.048%	*
Kyocera Document Solution America, Inc.	0.022%	*
Oki Data Americas, Inc.	0.009%	*
Panasonic Corporation of North America	0.004%	*
Sharp Electronics Corp.	0.004%	*
Xeikon	0.00004%	*
<b>Total</b>	<b>100%</b>	<b>100%</b>

\*For manufacturers of printers, a manufacturer is considered de minimis if it has less than 1.0% market share.

## Proposed Market Share Determination for Computers

Manufacturer	Proposed Percentage	Proposed Pro rata*	*Continued from Left		
			Manufacturer	Proposed Percentage	Proposed Pro rata*
Apple Inc.	24.5%	27.0988%			
Amazon Fulfillment Service, Inc.	20.6%	22.7477%	Shaghal Ltd	0.1%	*
Hewlett Packard Company	12.2%	13.4850%	Sprint	0.1%	*
Samsung Electronic America, Inc.	9.1%	9.9977%	Google, Inc.	0.1%	*
Dell Marketing LP	8.3%	9.1142%	Igaming	0.05%	*
Others <sup>1</sup>	5.4%	0%	Craig Electronics inc.	0.04%	*
Lenovo (United States) Inc.	5.1%	5.6456%	LF Products Pte	0.02%	*
Venturer Electronics Inc.	3.6%	3.9506%	Inspire Technology	0.02%	*
ASUS Computer International	2.4%	2.6491%	Sony Electronics Inc.	0.02%	*
Acer America Corporation	2.0%	2.1751%	Odyssey	0.02%	*
YiFang U.S.A. Inc.	1.7%	1.8371%	DPI, Inc.	0.02%	*
Microsoft Corporation	1.2%	1.2992%	Toshiba America Information Systems, Inc.	0.01%	*
Cellco Partnership	0.7%	*	Curtis International Ltd.	0.01%	*
LG Electronics USA, Inc.	0.6%	*	Double Power Tech. Inc.	0.002%	*
TCT Mobile (US) Inc.	0.5%	*	Fujitsu America, Inc.	0.001%	*
Mattel, Inc.	0.5%	*	Razer Inc.	0.0003%	*
ZTE (USA) Inc.	0.4%	*	Wacom	0.0002%	*
Motorola Mobility, LLC	0.4%	*	Rakuten Kobo, Inc.	0.0001%	*
PLR IP Holdings, LLC	0.2%	*	HTC	0.0001%	*
Huawei Device USA Inc.	0.2%	*			
Proexpress Distributor LLC	0.1%	*	<b>Total</b>	<b>100%</b>	<b>100%</b>

\*For manufacturers of computers, a manufacturer is considered de minimis if it has less than 1.0% market share.

<sup>1</sup>All Computer manufacturers which comprise the "Others" category have market share below the 1.0% de minimis threshold.

## Proposed Market Share Determination for Monitors

<b>Manufacturer</b>	<b>Proposed Percentage</b>	<b>Proposed Pro rata*</b>
Dell Marketing LP	18.3%	18.6%
Vizio, Inc.	16.5%	16.8%
Hewlett Packard Company	14.5%	14.7%
Samsung Electronic America, Inc.	12.6%	12.8%
LG Electronics USA, Inc.	12.6%	12.8%
ASUS Computer International	7.5%	7.7%
Envision Peripherals, Inc.	7.0%	7.1%
Acer America Corporation	5.4%	5.5%
Viewsonic Corporation	2.9%	2.9%
BenQ America Corporation	1.1%	1.1%
Lenovo (United States), Inc.	0.7%	*
Wacom Technology Corporation	0.4%	*
MSI	0.3%	*
Best Buy	0.1%	*
Ingram Micro	0.1%	*
Planar Systems, Inc.	0.02%	*
AG Neovo Technology Corporation	0.01%	*
<b>Total</b>	<b>100%</b>	<b>100%</b>

\*For manufacturers of monitors, a manufacturer is considered de minimis if it has less than 1.0% market share.

## Proposed Market Share Determination for Televisions

<b>Manufacturer</b>	<b>Proposed Percentage</b>	<b>Proposed Pro rata*</b>	<b>*Continued from Left</b>		
			<b>Manufacturer</b>	<b>Proposed Percentage</b>	<b>Proposed Adjusted*</b>
Samsung Electronic America, Inc.	26.8%	26.9%			
Vizio, Inc.	13.3%	13.3%	Naxa Electronics, Inc.	0.01%	*
Best Buy Co. Inc.	11.6%	11.6%	EliteLux Technologies	0.01%	*
LG Electronics USA, Inc.	11.0%	11.1%	Silo Digital	0.01%	*
TTE Technology, Inc.	8.7%	8.7%	UPSTARUSA GROUP	0.01%	*
TongFang Global Inc.	8.1%	8.1%	SIGCUS USA INC.	0.003%	*
Funai Corporation, Inc.	6.7%	6.7%	Spring Rose Technology Co. LTD	0.003%	*
Hisense USA Corporation	5.1%	5.1%	TMAX Digital Inc.	0.001%	*
Sony Electronics, Inc.	4.2%	4.2%	Sound Around Inc.	0.001%	*
Sceptre, Inc.	1.7%	1.7%	OSRAM SYLVANIA, Inc.	0.0004%	*
Curtis International	0.9%	0.9%	Star Light Electronics Co., Ltd	0.0002%	*
PLR IP Holdings, LLC	0.8%	0.8%	RJ Technology, Inc.	0.0002%	*
Hitachi America, Ltd.	0.5%	0.5%	Mitsubishi Electronic US, Inc.	0.0002%	*
Seiki Corporation	0.2%	0.2%	Seura, Inc.	0.0002%	*
Haier America Trading, LLC	0.2%	0.2%	Changhong Trading Corp. USA	0.00001%	*
DPI, Inc	0.06%	*	Jensen	0.0001%	*
Supersonic Corp.	0.05%	*	Voxx International Corp.	0.00003%	*
LE Technology Inc.	0.05%	*	Venturer Electronics, Inc.	0.00001%	*
JVCKENWOOD USA Corp.	0.04%	*	Craig Electronics	0.00001%	*
AXESS Products Corp.	0.04%	*	Panasonic Corporation of North America	0.00001%	*
SunBrite TV, LLC	0.03%	*	Hannstar Display Corporation	0.00001%	*
China America Electronics Corporation	0.03%	*	Atico International USA, Inc.	0.000003%	*
ATYME CORPORATION, INC.	0.02%	*			
Motorola Mobility, LLC	0.01%	*	Total	100%	100%

\*For manufacturers of televisions, a manufacturer is considered de minimis if it has less than 0.1% market share.

## Brand Determination/ Assignment to Unregistered Manufacturers

Taken from the calendar year 2017 market share data, DEEP proposes to assign the following brands to a manufacturer as listed below. Manufacturers that are responsible for a brand(s) must register with DEEP prior to selling the brand in Connecticut under [Connecticut law](#).

If you are responsible for one of the brands listed below under the law, you may need to register the brand(s) on a form prescribed by the Commissioner. See [Manufacturer's Registration Form and Instructions](#) posted on DEEP's website for manufacturer registration information.

For more information on a manufacturer's responsibility to register CEDs in Connecticut, see [RCSA section 22a-638-1\(o\)](#). Also, see [Manufacturer's Brands / Contacts List for DEEP's Statewide E-Waste Recycling Program](#) for brand(s) that were previously determined to be attributable to a manufacturer.

<b>Brand</b>	<b><u>Computer</u> Manufacturer</b>
Sprint	Sprint
Odyssey	Odyssey

<b>Brand</b>	<b><u>Television</u> Manufacturer</b>
Avera Digital	China Electronics Corporation
Axess	AXESS PRODUCTS CORP
iVIEW	RJ Technology, Inc.
Jenson	ASA Electronics
LeEco	LE Technology Inc.
Naxa	Naxa Electronics, Inc.
Pyle	Sound Around Inc.
SIGCUS	SIGCUS USA Inc.
Silo Digital	Silo Digital
Speler	Spring Rose Technology Co. LTD
Supersonic	Supersonic Inc.