

# February 1, 2018 Steward Update



Dear Stewards,

1. No new product clarification this month.
2. **EHF Changes: BC, SK, MB, NB, NS, PE & NL:** A review of the Environmental Handling Fees has taken place and [EHF updates will come into effect May 1, 2018](#).
3. **SK Changes: Saskatchewan product expansion:** As announced December 2017, the Ministry of the Environment Saskatchewan has [communicated amendments](#) to provincial regulation which will **expand the list** of obligated electronic products in Saskatchewan **effective May 1, 2018**. For examples of products newly obligated as of May 1, 2018 in Saskatchewan, [click here](#). Any questions, please call 1-888-567-4535 or email [rep@epra.ca](mailto:rep@epra.ca).
4. **3R Online Reporting system update: BC, SK, MB, OES, QC, NB, NS, PE & NL:** As announced in December 2017 and based on steward feedback, the 3R EPRA online reporting categories have been arranged in the same order for all EPRA programs to harmonize in reporting. **This system update is effective February 1, 2018 for the January 2018 reporting period.** Kindly note, no categories are being added or deleted, simply re-ordered on the reporting page in some provinces. To view the new reporting category listing as it now appears in 3R, please [click here](#)
5. **Yukon:** The Yukon Designated Materials Regulation that covers electronics recycling, previously scheduled for a February 1, 2018 implementation, is **delayed**. All Steward Registrations for the Yukon will remain valid until the new implementation date. Yukon pre-registration remains open; [click here](#) to register.

It is our pleasure to assist you. Please email us at [rep@epra.ca](mailto:rep@epra.ca) or call at 1-888-567-4535 with questions or suggestions.

Best regards,

EPRA Steward Services

## The Following EHF changes will come into effect May 1, 2018



Online Reporting Category Listing	BRITISH COLUMBIA		SASKATCHEWAN		MANITOBA	
	Current EHF	1-May-18	Current EHF	1-May-18	Current EHF	1-May-18
<b>Desktop Computers</b> *also in BC - 10-50 KG: IT/Telecom & Medical Equipment, Large Battery-Powered Ride-On Toys	\$2.25	\$1.40	\$1.40	\$1.00	\$1.40	\$1.00
<b>Portable Computers</b> *also in BC - 2-10 KG: IT/Telecom & Medical Equipment, Small Battery-Powered Ride-On Toys	\$1.00	no change	\$1.00	\$0.80	\$1.00	\$0.80
<b>Display Devices ≤ 29" and All-in-One</b>	\$9.00	\$7.00	\$7.00	\$5.00	\$7.00	\$5.00
<b>Display Devices 30-45" and All-in-One</b>	\$19.00	\$12.00	\$12.00	\$10.00	\$12.00	\$10.00
<b>Display Devices ≥ 46" and All-in-One</b>	\$35.00	\$28.00	\$28.00	\$25.00	\$28.00	\$25.00
<b>Desktop Printers, Copying and Multi-Function Devices</b>	\$3.50	\$1.25	\$1.25	\$1.00	\$1.25	\$1.00
<b>Computer Peripherals</b>	\$0.50	\$0.20	\$0.20	no change	\$0.20	no change
<b>Home Theatre in a Box (HTB)</b>	\$2.50	\$1.10	\$1.10	\$0.90	\$1.10	\$0.90
<b>Home Audio/Video Systems</b>	\$2.50	\$1.10	\$1.10	\$0.90	\$1.10	\$0.90
<b>Personal/Portable Image, Audio and Video Devices</b> *also in BC <2KG: IT/Telecom & Medical/Monitoring Equipment, Portable Music Devices, Electronic Toys	\$0.40	\$0.25	\$0.25	\$0.20	\$0.25	\$0.20
<b>Vehicle Audio &amp; Video Systems (After-Market)</b>	\$2.50	\$1.10	\$1.10	\$0.90	\$1.10	\$0.90
<b>Floor-Standing Printing, Copying and Multi-Function Devices</b> *Where applicable, obligated in SK as of May 1, 2018	\$15.00	\$10.00	N/A	\$10.00	\$15.00	\$10.00
<b>Non-Cellular Telephones and Answering Machines</b>	\$0.45	no change	\$0.45	\$0.25	\$0.45	\$0.25
<b>Cellular Devices and Pagers</b>	\$0.07	no change	N/A	N/A	\$0.07	no change
<b>Countertop Microwave Ovens - &lt; 1.0 cu. ft.</b> *Where applicable, obligated in SK as of May 1, 2018	N/A	N/A	N/A	\$1.50	\$3.00	\$1.50
<b>Countertop Microwave Ovens - ≥ 1.0 cu. ft.</b> *Where applicable, obligated in SK as of May 1, 2018	N/A	N/A	N/A	\$1.50	\$3.00	\$1.50
<b>Micro Toys</b> *BC only	\$0.05	no change	N/A	N/A	N/A	N/A

## The Following EHF changes will come into effect May 1, 2018



Online Reporting Category Listing	NEW BRUNSWICK		NOVA SCOTIA		Prince Edward Island		NEWFOUNDLAND AND LABRADOR	
	Current EHF	1-May-18	Current EHF	1-May-18	Current EHF	1-May-18	Current EHF	1-May-18
<b>Desktop Computers</b> *also in BC - 10-50 KG: IT/Telecom & Medical Equipment, Large Battery-Powered Ride-On Toys	\$5.50	no change	\$4.50	\$2.50	\$4.50	\$2.50	\$3.50	\$2.75
<b>Portable Computers</b> *also in BC - 2-10 KG: IT/Telecom & Medical Equipment, Small Battery-Powered Ride-On Toys	\$4.50	no change	\$2.50	\$1.50	\$2.50	\$1.50	\$2.50	\$1.50
<b>Display Devices ≤ 29" and All-in-One</b>	\$16.00	no change	\$12.25	\$10.00	\$12.25	\$10.00	\$12.25	\$10.00
<b>Display Devices 30-45" and All-in-One</b>	\$31.00	no change	\$24.50	\$20.00	\$24.50	\$20.00	\$24.50	\$20.00
<b>Display Devices ≥ 46" and All-in-One</b>	\$46.00	no change	\$40.00	\$35.00	\$40.00	\$35.00	\$39.50	\$35.00
<b>Desktop Printers, Copying and Multi-Function Devices</b>	\$5.50	no change	\$4.80	\$3.00	\$4.80	\$3.00	\$4.80	\$3.00
<b>Computer Peripherals</b>	\$0.75	no change	\$0.75	\$0.50	\$0.75	\$0.50	\$0.75	\$0.50
<b>Home Theatre in a Box (HTB)</b>	\$2.75	no change	\$2.75	\$2.00	\$2.75	\$2.00	\$2.50	\$2.00
<b>Home Audio/Video Systems</b>	\$2.75	no change	\$2.75	\$2.00	\$2.75	\$2.00	\$2.50	\$2.00
<b>Personal/Portable Image, Audio and Video Devices</b> *also in BC <2KG: IT/Telecom & Medical/Monitoring Equipment, Portable Music Devices, Electronic Toys	\$1.50	\$0.75	\$0.75	\$0.50	\$0.75	\$0.50	\$0.75	\$0.50
<b>Vehicle Audio &amp; Video Systems (After-Market)</b>	\$2.75	no change	\$2.75	\$2.00	\$2.75	\$2.00	\$2.50	\$2.00
<b>Floor-Standing Printing, Copying and Multi-Function Devices</b> *Where applicable, obligated in SK as of May 1, 2018	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Non-Cellular Telephones and Answering Machines</b>	\$0.85	no change	\$0.85	\$0.60	\$0.85	\$0.60	\$0.85	\$0.60
<b>Cellular Devices and Pagers</b>	\$0.07	no change	\$0.07	no change	\$0.07	no change	\$0.07	no change
<b>Countertop Microwave Ovens - &lt; 1.0 cu. ft.</b> *Where applicable, obligated in SK as of May 1, 2018	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Countertop Microwave Ovens - ≥ 1.0 cu. ft.</b> *Where applicable, obligated in SK as of May 1, 2018	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Micro Toys</b> *BC only	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

# Product Definitions and Fees

February 1, 2018



## Saskatchewan Product examples Obligated as of May 1, 2018

Program Update	Product	Category	Page	Comments
SK	Nettop computers Zero clients with CPU	Desktop Computers	1	Obligated as of May 1, 2018
SK	Electronic White Boards with Display	Display Devices	4	Obligated as of May 1, 2018
SK	Desktop scanners ID card scanners Fax machine drum scanners Fax machines/photocopiers Desktop computer scanners	Desktop Printers, Scanners, Fax Machines and Multi-Functional Devices	5	Obligated as of May 1, 2018
SK	Desktop business card scanners Desktop cheque scanners Desktop photo negative scanners  Floor-standing office printers Floor-standing graphics printers Floor-standing wide-format printers Commercial plotters Floor-standing multi-function or "all-in-one" devices that perform different tasks such as copy, scan, fax or print Floor-standing photocopiers Floor-standing copy and print devices Floor-standing wide-format copiers and/or multifunction devices Floor standing scanners Floor standing fax machine drum scanners Floor standing fax machine photocopiers Floor standing fax machines	Floor-Standing Printers, Copiers and Multi- Function Devices	6	Obligated as of May 1, 2018

# Product Definitions and Fees

February 1, 2018



## Saskatchewan Product examples Obligated as of May 1, 2018

Program Update	Product	Category	Page	Comments
SK	Network-Attached storage devices (NAS)	Computer Peripherals	7	Obligated as of May 1, 2018
	External CD-ROM, DVD, HD-DVD and Blu-ray drives			
	External floppy-disk drives			
	External Optical disk drives			
	External solid state drives			
	External zip drives			
	External hard drives, including home media network hard drives			
	PVR expander drives			
	Numeric keypads			
	Controllers			
Graphics tablets without display	Computer Peripherals	8	Obligated as of May 1, 2018	
HDMI switches				
Joysticks				
Video game console controllers, balance boards, sensors and other input devices				
Modems				
Multimedia controllers				

# Product Definitions and Fees

February 1, 2018



## Saskatchewan Product examples Obligated as of May 1, 2018

Program Update	Product	Category	Page	Comments
SK	Docking stations for portable digital players (e.g. MP3,MP4 players,etc), smart phones and other portable devices	Personal/Portable Audio/Video Playback and/or Recording Systems	9	Obligated as of May 1, 2018
	Portable scanners (e.g., business card scanners; photo negative scanners)		10	
	Pen scanners Handheld video game systems E-book readers			
	Global Positioning System (GPS) receivers and components designed to be used for leisure or sports (e.g. hiking GPS)		11	
SK	Non-portable combination multimedia players	Home/Audio Video Playback and/or Recording Systems	13	
	Home/non-commercial video gaming equipment consoles (TV or screen required)		14	
SK	Standalone or in-dash GPS or other navigation systems designed specifically for use in a vehicle (e.g. automotive or marine receivers and components)	Vehicle (Audio, Video, Navigation) Systems and Ceiling Speakers (Recessed Wall and Ceiling Speakers)	16	
SK	May include microwave ovens from hotel rooms or restaurant units similar in chassis type to household type units	Countertop Microwave Ovens	18	



DESKTOP COMPUTERS	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	<b>EHF</b>	\$2.25	\$4.40	\$1.40	\$1.40	\$1.40	\$1.40	\$1.10	\$4.50	\$3.50	\$10.50
Computer Terminals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Desktop Computers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Desktop/Tower servers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Small office tower servers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Thin clients	✓			✓	✓	✓	✓	✓	✓		✓
Nettop computers	✓	✓	effective May 1, 2018				✓			✓	
Zero Clients with CPU	✓		effective May 1, 2018				✓	✓	✓		✓
Microcomputers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Minicomputers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Server modules (e.g., blades & pizza box server equipment commonly installed in a rack-mount frame or in an enclosure)	See IT & Telecom	✓								✓	
Servers and data storage equipment for use in Data Centers	✓										
All-in-one computers	See Display Devices	See Display Devices	See Display Devices	See Display Devices	See Display Devices	See Display Devices	See Display Devices	See Display Devices	See Display Devices	See Display Devices	See Display Devices
<p><b>Product Definitions:</b> Desktop models refer to those computers that are designed to be utilized on a work surface and require standard alternating current (AC) power plug for a primary source of power. Under the BC, SK, MB, QC, NS&amp;PE, NL and NB but not OES, devices may be packaged with a mouse, keyboard, cables, speakers, webcam and other peripherals in a single Original Equipment Manufacturer (OEM) package carrying a single SKU, subject to a single desktop computer EHF. For OES, an EHF is applied to each obligated product in a given bundle. Includes desktop computers and desktop computers acting as servers.</p> <p><b>Excluded:</b></p> <ul style="list-style-type: none"> <li>• Non-standalone computer terminals that is embedded into a non-regulated product</li> <li>• Uninterruptible Power Supply (UPS)</li> <li>• Cash registers / POS terminals – SEE DISPLAY DEVICES category</li> <li>• Medical Imaging, EKG, or x-ray CPU – SEE MEDICAL AND MONITORING EQUIPMENT category</li> <li>• Server racks (furniture – casing only)</li> <li>• Computer Internal parts &amp; components. Not chargeable, but acceptable for collection (except for OES and QC)</li> <li>• Specialized Point-of-sale (POS) equipment</li> </ul>											

LARGE BATTERY-POWERED RIDE-ON TOYS	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	<b>EHF</b>	\$2.25	-	-	-	-	-	-	-	-	-
12 volt and over battery powered ride on toys	✓										
12 volt and over battery-powered ride-on toy cars or trucks	✓										
Electric toy scooters	✓										
<p><b>Product Definitions:</b> Electronic Ride-On Toys that are powered by batteries 12 Volts and over.</p> <p><b>Excluded:</b></p> <ul style="list-style-type: none"> <li>• Segways or personal mobile transportation equipment and motorized wheelchairs</li> <li>• Any powered device that is not a toy</li> </ul>											



PORTABLE COMPUTERS	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	<b>EHF</b>	\$1.00	\$1.20	\$1.00	\$1.00	\$1.00	\$1.00	\$0.90	\$2.50	\$2.50	\$3.00
Laptop computers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Notebook computers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tablet computers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Netbook computers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Notepads	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mini notebooks	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lapdocks	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Devices commonly called Ultra Mobile PCs (UMPC) that utilize touch sensitive screens, and that can operate the same software as a standard computer (i.e. Windows)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<p><b>Product Definitions:</b>            A personal computer that can easily be carried by hand that contains a Central Processing Unit (CPU) and that can operate a self-contained battery or using an external AC/DC adapter. Under the ERPA BC, EPRA SK, EPRA Manitoba, ARPE Quebec, EPRA NS&amp;PEI, EPRA NL and EPRA NB but not OES, devices may be packaged with a mouse, keyboard, cables, speakers, webcam and other peripherals in a single Original Equipment Manufacturer (OEM) package carrying a single SKU, subject to a single tablet computer EHF. For OES, an EHF is applied to each obligated product in a given bundle.</p> <p><b>Excluded:</b></p> <ul style="list-style-type: none"> <li>• Calculators – SEE PERSONAL/PORTABLE category</li> <li>• E-book readers – SEE PERSONAL/PORTABLE category</li> <li>• Other handheld computing devices</li> <li>• Personal digital assistants (PDAs) – SEE PERSONAL/PORTABLE category for non-cell-enabled; SEE CELLULAR DEVICES AND PAGERS for cell-enabled</li> </ul>											

SMALL BATTERY-POWERED RIDE-ON TOYS	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	<b>EHF</b>	\$1.00	-	-	-	-	-	-	-	-	-
Under 12 volt battery powered ride-on toys	✓										
Electronic ride-on toy cars or trucks	✓										
Electronic ride-on toy quads	✓										
<p><b>Product Definitions:</b>            Electronic Ride-On Toys that are powered with batteries under 12 Volts</p> <p><b>Excluded:</b></p> <ul style="list-style-type: none"> <li>• Scooters or baby strollers</li> <li>• Non-powered scooters if they have lights or speakers</li> <li>• Any powered device that is not a toy</li> </ul>											

DISPLAY DEVICES	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	<b>EHF</b>	≤ 29": \$9.00 30-45": \$19.00 ≥ 46": \$35.00	< 30": \$4.00 ≥ 30": \$10.00	≤ 29": \$7.00 30-45": \$12.00 ≥ 46": \$28.00	≤ 29": \$7.00 30-45": \$12.00 ≥ 46": \$28.00	≤ 29": \$7.00 30-45": \$12.00 ≥ 46": \$28.00	≤ 29": \$5.50 30-45": \$9.00 ≥ 46": \$24.00	≤ 29": \$12.25 30-45": \$24.50 ≥ 46": \$40.00	≤ 29": \$12.25 30-45": \$24.50 ≥ 46": \$39.50	≤ 29": \$12.25 30-45": \$24.50 ≥ 46": \$40.00	≤ 29": \$16.00 30-45": \$31.00 ≥ 46": \$46.00
Televisions	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Computer monitors	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Professional display monitors	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Closed circuit monitor screens	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dual monitors - two monitors sold under the same sku carry multiple fees	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
All-in-one (AIO) computers: a display device with an embedded computer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cash registers / POS terminal- desktop/countertop	✓					✓					

PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
<b>EHF</b>	≤ 29": \$9.00 30-45": \$19.00 ≥ 46": \$35.00	< 30": \$4.00 ≥ 30": \$10.00	≤ 29": \$7.00 30-45": \$12.00 ≥ 46": \$28.00	≤ 29": \$7.00 30-45": \$12.00 ≥ 46": \$28.00	≤ 29": \$7.00 30-45": \$12.00 ≥ 46": \$28.00	≤ 29": \$5.50 30-45": \$9.00 ≥ 46": \$24.00	≤ 29": \$12.25 30-45": \$24.50 ≥ 46": \$40.00	≤ 29": \$12.25 30-45": \$24.50 ≥ 46": \$39.50	≤ 29": \$12.25 30-45": \$24.50 ≥ 46": \$40.00	≤ 29": \$16.00 30-45": \$31.00 ≥ 46": \$46.00
Computer monitors used with a Point of Sale (POS) System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Robust panel PCs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Combination TV/DVD or VHS players	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Security system monitors with integrated DVR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Digital interactive monitors with touchscreen capabilities	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Graphic tablets with display > 10"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Portable display devices > 10"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POS Pole Display	✓				✓					
Electronic White Boards with Display	✓		effective May 1, 2018				✓	✓		✓
<p><b>Product Definitions:</b>            A non-portable display device that typically resides on a table, floor or wall and requires AC power to operate.            May contain an imbedded television tuner, or may be used for displaying images from computers or other digital or analog sources such as an external TV tuner or cable/satellite receiver.            Includes various display technologies, such as CRT, flat panel (LCD, Plasma, LED, OLED, etc.) or rear projection.</p> <p><b>Excluded:</b></p> <ul style="list-style-type: none"> <li>• Non-standalone displays that are embedded into a non-regulated product</li> <li>• Digital photo frames – SEE PERSONAL/PORTABLE category</li> <li>• 3D Glasses</li> <li>• Portable displays less than 10" – SEE PERSONAL/PORTABLE category</li> <li>• Medical Imaging, EKG, or x-ray CPU – SEE MEDICAL AND MONITORING EQUIPMENT category</li> <li>• Refrigerator with built in TV</li> <li>• Electronic White Boards without Display</li> </ul>										

PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
<b>EHF</b>	\$3.50	\$4.80	\$1.25	\$1.25	\$2.50	\$1.25	\$4.80	\$4.80	\$8.00	\$5.50
Desktop printers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Desktop scanners	✓	✓	effective May 1, 2018	✓	✓	✓	✓	✓	✓	✓
Camera dock printers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Desktop label, barcode, card printers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ID card scanners	✓	✓	effective May 1, 2018	✓	✓	✓	✓	✓	✓	✓
Desktop fax machines	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fax machine drum scanners	✓	✓	effective May 1, 2018		✓	✓			✓	
Fax machines/photocopiers	✓	✓	effective May 1, 2018		✓	✓			✓	
Desktop computer scanners	✓	✓	effective May 1, 2018	✓	✓	✓	✓	✓	✓	✓
Desktop multi-function or "all-in-one" devices	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Desktop business card scanners	✓	✓	effective May 1, 2018	✓	✓	✓	✓	✓	✓	✓
Desktop cheque scanners	✓	✓	effective May 1, 2018	✓	✓	✓	✓	✓	✓	✓
Desktop photo negative scanners	✓		effective May 1, 2018	✓	✓	✓	✓	✓		✓
Electronic typewriters	✓				✓					
POS printers	✓				✓					
Thermal printers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Payroll time recorder	✓									
<b>Product Definitions:</b>	<p>A printing, scanning or facsimile device, that resides on a desktop or similar work surface. For OES, it includes printing, copying, and multifunction devices weighing less than 90 kg. May be a "multi-function" or "all in one" device that performs different tasks such as copy, scan, fax, print, etc., in which case the integrated product is subject to a single EHF. Fax machines packaged with corded or cordless telephone handsets in a single OEM packaged under a single SKU are subject a single EHF. Includes various printing technologies, such as Laser &amp; LED (electrophotographic), ink jet, dot matrix, thermal, dye sublimation, etc.</p>									
<b>Excluded:</b>	<ul style="list-style-type: none"> <li>• Floor standing printers – SEE FLOOR STANDING PRINTING DEVICES AND FLOOR STANDING COPYING DEVICES</li> <li>• Printing devices that are embedded into non-obligated products, where the printing devices are not the primary product</li> <li>• Manual typewriters</li> <li>• Medical imaging, EKG or x-ray printers – SEE MEDICAL AND MONITORING EQUIPMENTS category</li> <li>• ATM printers</li> <li>• Microfiches</li> <li>• Cables or other accessories</li> <li>• Portable printers and scanners (business card scanners, photonegative scanners) – SEE PERSONAL/PORTABLE category</li> </ul>									

**DESKTOP PRINTERS, SCANNERS, FAX MACHINES AND MULTI-FUNCTIONAL DEVICES**

PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
<b>EHF</b>	\$15.00	\$4.80	-	\$15.00	\$25.00	-	-	-	\$40.00	-
Floor-standing office printers	✓	✓	effective May 1, 2018	✓	✓				✓	
Floor-standing graphics printers	✓	✓	effective May 1, 2018	✓	✓				✓	
Floor-standing wide-format printers	✓	✓	effective May 1, 2018	✓	✓				✓	
Commercial plotters	✓	✓	effective May 1, 2018	✓	✓				✓	
Floor-standing multi-function or "all-in-one" devices that perform different tasks such as copy, scan, fax or print	✓	✓	effective May 1, 2018	✓	✓				✓	
Floor-standing photocopiers	✓	✓	effective May 1, 2018	✓	✓				✓	
Floor-standing copy and print devices	✓	✓	effective May 1, 2018	✓	✓				✓	
Floor-standing wide-format copiers and/or multifunction devices	✓	✓	effective May 1, 2018	✓	✓				✓	
Floor standing scanners	✓	✓	effective May 1, 2018	✓	✓				✓	
Floor standing fax machine drum scanners	✓	✓	effective May 1, 2018	✓	✓				✓	
Floor standing fax machine photocopiers	✓	✓	effective May 1, 2018	✓	✓				✓	
Floor standing fax machines	✓	✓	effective May 1, 2018	✓	✓				✓	
<p><b>Product Definitions:</b>            Printing devices, utilizing all printing technologies that are floor-standing models and that can print on media with dimensions up to 48" wide, for BC and MB.            For OES, it includes printing, copying and multi-function devices that are floor-standing models, weighing greater than 90 kg.            For ARMA and NT, it includes all printers/printer combinations weight less than 1,000 kg.</p> <p><u>Copier and/or multi-function devices that are floor-standing models.</u></p> <p><b>Excluded:</b></p> <ul style="list-style-type: none"> <li>• Newspaper and industrial copying and/or multifunction devices</li> <li>• Copying and/or multi-function devices capable of printing on media with dimensions greater than 48" wide</li> <li>• Printing/Copying devices that are embedded into non-obligated products, where the printing device is not the primary product</li> <li>• Models which are able to utilize an optional floor-stand</li> <li>• Newspaper and industrial printing devices</li> <li>• For OES, this material category is called FLOOR STANDING PRINTING DEVICES</li> </ul>										

COMPUTER PERIPHERALS	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	EHF	\$0.50	-	\$0.20	\$0.20	\$0.75	\$0.20	\$0.75	\$0.75	-	\$0.75
Computer mouse	✓		✓	✓	✓	✓	✓	✓	✓		✓
Computer keyboards	✓		✓	✓	✓	✓	✓	✓	✓		✓
Trackballs	✓		✓	✓	✓	✓	✓	✓	✓		✓
Keypads	✓		✓	✓	✓	✓	✓	✓	✓		✓
Touchpad/trackpad mouse	✓		✓	✓	✓	✓	✓	✓	✓		✓
Digital notepads	✓						✓				
Media readers	✓						✓				
Network-Attached Storage Devices (NAS)	✓			effective May 1, 2018		✓	✓				
Computer peripheral travel kits	✓		✓	✓	✓	✓	✓	✓	✓		✓
External CD-ROM, DVD, HD-DVD and Blu-ray drives	✓			effective May 1, 2018		✓	✓				
External floppy-disk drives	✓			effective May 1, 2018		✓	✓				
Internal Hard Drives						✓					
External Optical disk drives	✓			effective May 1, 2018		✓	✓				
External solid state drives	✓			effective May 1, 2018			✓				
External zip drives	✓			effective May 1, 2018		✓	✓				
External hard drives, including home media network hard drives	✓			effective May 1, 2018		✓	✓				
PVR expander drives	✓			effective May 1, 2018		✓	✓				
Numeric keypads	✓			effective May 1, 2018		✓	✓				
Controllers	✓			effective May 1, 2018							
Graphics tablets without display	✓			effective May 1, 2018			✓				
HDMI switches	✓						✓				
Joysticks	✓			effective May 1, 2018			✓				
Separately sold remote controls	✓										
Video game console controllers, balance boards, sensors and other input devices	✓			effective May 1, 2018			✓				
Modems	See IT & Telecom			effective May 1, 2018		✓	✓				
Telephony Gateways	See IT & Telecom										
Routers, Bridges, Wireless Access Points, Switches, Range Extenders	See IT & Telecom						✓				
Embedded multimedia terminal adapters (EMTA)	See IT & Telecom						✓				
Hard drive duplicators	✓					✓	✓				

PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
<b>EHF</b>	\$0.50	-	\$0.20	\$0.20	\$0.75	\$0.20	\$0.75	\$0.75	-	\$0.75
Multimedia controllers	✓		effective May 1, 2018							
Laptop Docking Stations/Port Replicators	✓					✓				
Hard drive enclosures	✓									
Cellphone signal boosters	See IT & Telecom					✓				
<b>COMPUTER PERIPHERALS CONT'D</b>	<b>Product Definitions:</b> A manual input keying or pointing devices, such as a mouse, a keyboard, or a similar device, designed for use with a desktop or portable computer. Includes both wired and wireless devices. Additionally, OES includes integrated modems, disk drives and optical drives. A modem refers to a device that encodes digital computer signals into analog/analogue telephone signals and vice-versa and allows computers to communicate over a phone line or cable connection.									
	For NS&PE, BC, QC, MB, SK, NL and NB, a combination of a single mouse and a single keyboard packaged in one OEM box under a single SKU is subject to a single EHF. <b>Excluded:</b> <ul style="list-style-type: none"> <li>• Stylus pens</li> <li>• Smart pens</li> <li>• Magnetic stripe readers – SEE PERSONAL/PORTABLE category</li> <li>• Network hubs and switches – SEE IT AND TELECOM EQUIPMENT category</li> <li>• Mobile internet sticks (cellular telecommunications program)</li> <li>• Wireless adapters</li> <li>• Bluetooth dongles</li> <li>• Computer peripherals that are supplied as replacement parts under a warranty and non-warranty service repair arrangement</li> <li>• Internal components contained within the original desktop or portable computer at the time of supply</li> <li>• Speakers, cameras, microphone – SEE PERSONAL/PORTABLE category</li> <li>• Satellite networking devices</li> <li>• Cables, connectors, chargers, memory cards as well as USB keys</li> <li>• Remote control - SEE COMPUTER PERIPHERALS</li> <li>• Keyboard embedded in ICI equipment</li> <li>• Security system input devices</li> <li>• Fingerprint readers</li> </ul>									

	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB	
	EHF	\$0.40	-	\$0.25	\$0.25	\$0.75	\$0.25	\$0.75	\$0.75	-	\$1.50	
<b>PERSONAL/ PORTABLE AUDIO/ VIDEO PLAYBACK AND/OR RECORDING SYSTEMS</b>	Portable AM/FM radios	✓		✓	✓	✓	✓	✓	✓		✓	
	Clock radios	✓		✓	✓	✓	✓	✓	✓		✓	
	Lights with radio alarm clocks	✓		✓	✓	✓	✓	✓	✓		✓	
	Wi-Fi Internet radios	✓		✓	✓	✓	✓	✓	✓		✓	
	Citizen band radios	✓				✓	✓					
	Portable stereos, including those enabled to connect to wireless Internet	✓		✓	✓	✓	✓	✓	✓		✓	
	Portable tapeplayers/recorders/ e.g dictating machines/transcribers	✓		✓	✓	✓	✓	✓	✓		✓	
	Portable disc (CD, DVD, Blu-ray, etc.) players/recorders	✓		✓	✓	✓	✓	✓	✓		✓	
	Portable digital readers ( e.g. MP3, MP4 players)	✓		✓	✓	✓	✓	✓	✓		✓	
	Docking stations for portable digital players (e.g. MP3,MP4 players,etc), smart phones and other portable devices	✓		effective May 1, 2018				✓				
	Portable docking/compact/folding speakers (wired and wireless including Wi-Fi or Bluetooth) (e.g. USB computer speakers; solar powered iPods; iPhone dock stations)	✓		✓	✓	✓	✓	✓	✓	✓		✓
	Portable cassette or digital audio/voice recorders	✓		✓	✓	✓	✓	✓	✓	✓		✓
	Portable video playback devices	✓		✓	✓	✓	✓	✓	✓	✓		✓
	Headphones	✓		✓	✓		✓	✓	✓	✓		✓
	Mini earphones and microphones	✓		✓	✓	✓		✓	✓	✓		✓
	Headsets (wired and wireless, including Bluetooth)	✓		✓	✓		✓	✓	✓	✓		✓
	Microphones for use with an obligated product	✓		✓	✓		✓	✓	✓	✓		✓
	Digital cameras	✓		✓	✓		✓	✓	✓	✓		✓
	Non-digital cameras	✓		✓	✓		✓		✓	✓		✓
	Lenses & flashes	✓										
HD cameras and microphones	✓		✓	✓	✓	✓	✓	✓	✓		✓	



PERSONAL/ PORTABLE AUDIO/ VIDEO PLAYBACK AND/OR RECORDING SYSTEMS CONT'D	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	EHF	\$0.40	-	\$0.25	\$0.25	\$0.75	\$0.25	\$0.75	\$0.75	-	\$1.50
Digital photo key chains	✓	✓		✓	✓	✓	✓	✓	✓		✓
Video cameras/ camcorders	✓	✓		✓	✓	✓	✓	✓	✓		✓
Personal Digital Assistants (PDAs) which are not enabled to connect to cellular networks	✓			✓	✓	✓	✓	✓	✓		✓
Multi-function satellite radios that include CD, MP3, AM/FM radio or other audio functions	✓			✓	✓		✓	✓	✓		✓
Multi-function radios that include CD, MP3, AM/FM or other audio functions	✓			✓	✓	✓	✓	✓	✓		✓
Portable scanners (e.g., business card scanners; photo negative scanners)	✓			effective May 1, 2018	✓	✓	✓	✓	✓		✓
Portable printers (e.g., portable photo printers)	✓			✓	✓	✓	✓	✓	✓		✓
Webcams / Web cameras	✓			✓	✓	✓	✓	✓	✓		✓
Digital frames	✓			✓	✓	✓	✓	✓	✓		✓
Portable displays – screen size less than 10"	✓			✓	✓	✓	✓	✓	✓		✓
Sound, image and wave storage devices	✓						✓				
Video monitors and camera systems e.g. baby videos & audio monitors & cameras, portable video surveillance systems	✓			✓	✓	✓	✓	✓	✓		✓
Audio baby monitors	✓			✓	✓	✓	✓	✓	✓		✓
Handheld printers such as calculators with printing capabilities and label makers	✓					✓					
Portable Point of Sale (POS) receipt printers	✓					✓					
Handheld barcode scanners	✓			effective May 1, 2018		✓	✓				
Pen scanners	✓			effective May 1, 2018		✓					
Industrial or commercial handheld or mobile computing devices	✓					✓					
Portable two-way radios/FRS radios/GMRS radios/walkie-talkies/CB radios	✓					✓	✓				
Professional radios	✓										
Handheld video game systems	✓			effective May 1, 2018			✓				
E-book readers	✓			effective May 1, 2018			✓				
Electronic calculators	✓										
Electronic dictionaries	✓										

PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
<b>EHF</b>	\$0.40	-	\$0.25	\$0.25	\$0.75	\$0.25	\$0.75	\$0.75	-	\$1.50
Single use disposable cameras	✓				✓					
Intercoms	✓									
Global Positioning System (GPS) receivers and components designed to be used for leisure or sports (e.g. hiking GPS)	✓		effective May 1, 2018			✓				
Magnetic stripe readers (sold individually)	✓									
Personal FM transmitters	✓				✓					
Satellite radio receivers (hand-held)	✓					✓				
Portable microphone and amplifier bundles	✓		✓	✓	✓	✓	✓	✓		✓
Digital visualizers	✓		✓	✓	✓	✓	✓	✓		✓
Tely HD	✓		✓	✓	✓	✓	✓	✓		✓
Portable multimedia projectors	✓		✓	✓	✓	✓	✓	✓		✓
Radio with flashlight	✓		✓	✓	✓	✓	✓	✓		✓
Breathalyzers	✓									
HD antennas	✓					✓				
Odometers	✓		✓	✓	✓	✓	✓	✓		✓
Sonars/Fishfinders	✓									
White noise machines	✓		✓	✓	✓	✓	✓	✓		✓
<b>Product Definitions:</b>	<p>Personal and/or portable devices that can transmit, record and/or playback an image, audio or video using a variety of technologies including mechanical, optical and digital technologies and that operates on battery power or is powered directly from the device they are connected to (i.e. computer).</p> <p>Portable audio/video players supplied with accessory headphones in a single OEM package under a single SKU are subject to a single EHF.</p> <p>Multiple speakers supplied in a single OEM package and sold under a single SKU are subject to a single EHF.</p>									
	<p><u>For OES, this material category is called IMAGE, AUDIO, AND VIDEO DEVICES</u></p>									
	<p><b>Excluded:</b></p> <ul style="list-style-type: none"> <li>• Discs (CDs, DVDs, Blu-ray, HDDVD, etc.)</li> <li>• Industrial/commercial quality microphones used for musical recording, performances and/or public address, and not for use with an obligated product – SEE MUSICAL INSTRUMENTS</li> <li>• Cables or other accessories e.g. connectors and remote controls</li> <li>• Cellular-enabled PDAs – SEE CELLULAR DEVICES</li> <li>• 3D Glasses</li> <li>• CD-writing drives contained within, or replacements parts for Desktop and Portable Computers– SEE COMPUTER PERIPHERALS category</li> <li>• DVD-writing drives contained within, or replacement parts for Desktop and Portable Computers - - SEE COMPUTER PERIPHERALS category</li> <li>• Non-audio optical disk-players</li> <li>• Optical disk drives – SEE COMPUTER PERIPHERALS category</li> <li>• Webcams embedded in Desktop Computers and Portable Computers</li> <li>• Cameras embedded in devices for which the primary function is not to record an image/ video (e.g. document cameras for use with data projectors; ToolCam inspection cameras; underwater digital camera masks; security cameras embedded with lighting; camera pens)</li> <li>• Speakers embedded in a non-obligated product (e.g. chair with embedded speakers)</li> <li>• Cellular-enabled Personal Digital Assistants (PDAs) – SEE CELLULAR DEVICES AND PAGERS category</li> <li>• Non-electronic toys</li> <li>• Stuffed toys without electronics</li> <li>• Connectors</li> <li>• Remote controls – SEE COMPUTER PERIPHERALS</li> </ul>									

**PERSONAL/  
PORTABLE  
AUDIO/  
VIDEO  
PLAYBACK  
AND/OR  
RECORDING  
SYSTEMS  
CONT'D**

PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
<b>EHF</b>	\$0.40	-	-	-	-	-	-	-	-	-
Metal or hard plastic toys with electronics	✓									
Plush textiles with electronics	✓									
Remote control vehicles	✓									
Children's toy/learning computer	✓									
Electronic action accessories (i.e. electronic swords, blasters, etc.)	✓									
Electronic action figures or dolls	✓									
Electronic board or table top games	✓									
Electronic learning aids (i.e. electronic toy books)	✓									
Electronic plastic toy animals	✓									
Electronic toy apparels (i.e. electronic helmets, capes, etc.)	✓									
Electronic toy cameras	✓									
Electronic toy robots	✓									
Electronic toy sports equipment (i.e. indoor electronic basketball backboards)	✓									
Electronic toy vehicles	✓									
Interactive plush toys	✓									
Outdoor electronic toys (i.e. fishing rods)	✓									
<b>Product Definitions:</b> All electronic toys except micro toys, small & large battery powered ride-on toys										
<b>Excluded:</b>										
<ul style="list-style-type: none"> <li>• Children's flashlights</li> <li>• Children's watches</li> <li>• Stuffed or plush toys without electronics</li> <li>• Toys without electronics embedded</li> <li>• Accessories, cabling, &amp; components sold separately that don't constitute the primary toy or game</li> <li>• Board games with non-electric 'wind-up' timers or similar non-electric parts</li> <li>• Sport/leisure equipment</li> </ul>										

PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	EHF	\$2.50	-	\$1.10	\$1.10	\$2.50	\$0.80	\$2.75	\$2.50	-
Video cassette players (VCRs) and/or video projectors	✓		✓	✓	✓	✓	✓	✓		✓
Digital projectors	✓		✓	✓	✓	✓	✓	✓		✓
Digital Video Recorders (DVRs)	✓		✓	✓	✓	✓	✓	✓		✓
Personal Video Recorders (PVRs)	✓		✓	✓		✓	✓	✓		✓
Non-portable Disc players/ recorders (DVD, Blu-ray, etc.)	✓		✓	✓	✓	✓	✓	✓		✓
Laser Disc players/recorders	✓		✓	✓	✓	✓	✓	✓		✓
Cable & satellite digital receivers	✓		✓	✓		✓	✓	✓		✓
Set-top boxes Including digital TV	✓		✓	✓		✓	✓	✓		✓
Home automation controllers	✓		✓	✓		✓	✓	✓		✓
Wireless HD audio/video kits	✓		✓	✓		✓	✓	✓		✓
Internet media streamers	✓		✓	✓	✓	✓	✓	✓		✓
Converters	✓					✓				
Non-portable AM/FM radios with satellite capabilities	✓		✓	✓		✓	✓	✓		✓
Non-portable AM/FM radios	✓		✓	✓	✓	✓	✓	✓		✓
Non-portable combination multimedia players	✓		effective May 1, 2018			✓				
Non-portable combination cassette recorders and players	✓		✓	✓	✓	✓	✓	✓		✓
Analog & digital video cameras for home security or other closed circuit home use	✓		✓	✓	✓	✓	✓	✓		✓
Industrial/commercial quality amplifiers, speakers	✓				✓					
Industrial/commercial equipment related to musical recordings, performances	✓									
Public address systems	✓				✓					
Horn Speakers	✓									
Commercial, professional or industrial video cameras	✓				✓					
Commercial, professional or industrial microphones	✓									
Amplifiers	✓		✓	✓	✓	✓	✓	✓		✓
Frequency equalizers	✓				✓	✓				
Receivers	✓		✓	✓	✓	✓	✓	✓		✓
CD or tape decks	✓		✓	✓	✓	✓	✓	✓		✓
Turntables/record players	✓		✓	✓	✓	✓	✓	✓		✓

PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
<b>EHF</b>	\$2.50	-	\$1.10	\$1.10	\$2.50	\$0.80	\$2.75	\$2.50	-	\$2.75
Home speaker systems such as 5.1 and 7.1 speaker packages supplied without amplifier or video player	✓		✓	✓	✓	✓	✓	✓		✓
Bar Speakers	✓		✓	✓	✓	✓	✓	✓		✓
Home speaker systems with docking station e.g. sound dock systems	✓		✓	✓	✓	✓	✓	✓		✓
Other digital music recorders/players	✓		✓	✓	✓	✓	✓	✓		✓
Non-portable audio docking stations	✓		✓	✓	✓	✓	✓	✓		✓
Non-portable combination cassettes	✓		✓	✓	✓	✓	✓	✓		✓
Built-in or wall-mounted intercoms	✓									
Home/non-commercial video gaming equipment consoles (TV or screen required)	✓		effective May 1, 2018			✓				
Karaoke machines	✓				✓	✓				
Multimedia players/recorders	✓		✓	✓	✓	✓	✓	✓		✓
Multimedia projectors	✓		✓	✓	✓	✓	✓	✓		✓
Overhead projectors	✓									
Small satellite dishes	✓									
Video management systems	✓		✓	✓	✓	✓	✓	✓		✓
Network cameras	✓		✓	✓	✓	✓	✓	✓		✓
Signage players	✓									
CD burners/duplicators	✓									
White noise machines	✓		✓	✓	✓	✓	✓	✓		✓
<p><b>Product Definitions:</b>            Home and/or non-portable devices that can transmit, record and/or playback an image, audio or video using a variety of technologies including mechanical, optical and digital technologies.            Home and/or non-portable peripheral audio devices that enable playback as well as home/non commercial video gaming equipments (TV or Screen required) in QC.            Multiple speakers supplied in a single OEM package and sold under a single SKU are subject to a single EHF.            Multiple security cameras supplied in a single OEM package and sold under a single SKU are subject to a single EHF.</p> <p><i>For QES, this material category is called IMAGE_AUDIO_VIDEO DEVICES HOME/NON-PORTABLE</i></p> <p><b>Excluded:</b></p> <ul style="list-style-type: none"> <li>• Cables or other accessories e.g. Connectors and chargers</li> <li>• Remote controls - SEE COMPUTER PERIPHERALS</li> <li>• Audio baby monitors and receivers -SEE PERSONAL/PORTABLE A/V category</li> <li>• 3D Glasses</li> <li>• Web cameras – SEE PERSONAL/PORTABLE A/V category</li> <li>• Digital Frames – SEE PERSONAL/PORTABLE A/V category</li> <li>• Clock radios – SEE PERSONAL/PORTABLE A/V category</li> <li>• Global Positioning Systems (GPS) for both portable and aftermarket vehicle installation – SEE AFTERMARKET VEHICLE ELECTRONIC PRODUCTS category</li> <li>• DVD-writing drives contained within, or replacement parts for Desktop and Non-audio optical disk-players.</li> <li>• External Optical disk drives SEE COMPUTER PERIPHERALS Category</li> </ul>										

**HOME AUDIO/  
VIDEO  
PLAYBACK  
AND/OR  
RECORDING  
SYSTEMS  
CONT'D**

PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
<b>EHF</b>	\$2.50	-	\$1.10	\$1.10	\$2.50	\$0.80	\$2.75	\$2.50	-	\$2.75
<b>HOME THEATRE IN A BOX</b> Home theatre image, audio and video equipment sold as a package/bundle with a single point-of-sale SKU supplied from one OEM. Includes: • Peripheral audio devices. • Audio and video equipment sold as a package/bundle that is used in residential and non-residential locations. • Amplifiers • Disc players • Speakers • Sub-woofers and all associated cables, etc.	✓		✓	✓	✓	✓	✓	✓		✓
	<b>Product Definitions:</b> Bundled combinations of devices that can transmit, record and/or playback an image, audio or video using a variety of technologies. Bundled combinations must be supplied from one OEM and sold under one SKU as a complete system intended to provide an "in-home" theatre experience <b>Excluded:</b> • Home speaker systems – SEE HOME A/V category • Home theatre image, audio and video equipment sold as a package/ bundle with more than a single point-of-sale SKU (report separately) • Home theatre bundles that include televisions									

PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
<b>EHF</b>	\$2.50	-	\$1.10	\$1.10	\$2.50	\$0.80	\$2.75	\$2.50	-	\$2.75
Dash radio, DVD, CD and/or cassette players (including those with integrated satellite radio and/or GPS/navigation functions)	✓		✓	✓	Not Included if satellite or GPS	✓	✓	✓		✓
Standalone or dash GPS or other navigation systems designed specifically for use in a vehicle (e.g. automotive or marine receivers and components)	✓		effective May 1, 2018			✓				
Amplifiers	✓		✓	✓	✓	✓	✓	✓		✓
Equalizers	✓		✓	✓	✓	✓	✓	✓		✓
Speakers	✓		✓	✓	✓	✓	✓	✓		✓
Video player systems	✓		✓	✓	✓	✓	✓	✓		✓
Video displays (including those with built-in tuners)	✓		✓	✓	✓	✓	✓	✓		✓
Rear vision/back-up camera systems	✓		✓	✓	✓	✓	✓	✓		✓
Car security systems	✓									
Collision avoidance systems	✓									
Radar detectors	✓									
Remote car starters	✓									
Satellite radio receivers	✓									
Vehicle telecommunications equipment	✓									
Ceiling speakers, Wall Recessed Speakers	✓		✓	✓	✓	✓	✓	✓		✓
Sonars/Fishfinders	✓									
Vehicle dash cameras	✓		✓	✓	✓	✓	✓	✓		✓
<p><b>Product Definitions:</b> Aftermarket audio and/or video systems or system components intended to replace or supplement OEM factory-installed systems or system components. Multiple speakers supplied in a single OEM package and sold under a single SKU are subject to a single EHF.</p> <p><b>Excluded:</b> Factory-installed audio and video equipment developed for imbedded use in motorized vehicles of any type (including automobiles, aircraft, marine craft, motorcycles &amp; recreational vehicles). Examples of products or devices that would fall under this exclusion include:</p> <ul style="list-style-type: none"> <li>• Marine-craft radios</li> <li>• Intercom systems</li> <li>• Factory-installed dash navigation systems</li> <li>• Factory-installed back-up camera systems</li> <li>• Vehicle mounted computers</li> <li>• Related cables or other accessories</li> <li>• Satellite radio receivers and components</li> <li>• Related cables or accessories</li> <li>• CB radios</li> </ul>										

**VEHICLE  
(AUDIO, VIDEO,  
NAVIGATION)  
SYSTEMS  
AND CEILING  
SPEAKERS  
(RECESSED WALL  
AND CEILING  
SPEAKERS)**

PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
<b>EHF</b>	\$0.45	-	\$0.45	\$0.45	\$1.50	\$0.45	\$0.85	\$0.85	-	\$0.85
Wire line telephones including rotary and touchtone technologies	✓		✓	✓	✓	✓	✓	✓		✓
Cordless telephones requiring an electrical base station/handset cradles for battery charging and wire-line network connection	✓		✓	✓	✓	✓	✓	✓		✓
VoIP phones	✓		✓	✓	✓	✓	✓	✓		✓
VoIP home phone services	✓		✓	✓	✓	✓	✓	✓		✓
Satellite phones	✓		✓	✓		✓	✓	✓		✓
Telephone line answering machines that utilize cassette-based or digital recording technologies	✓		✓	✓	✓	✓	✓	✓		✓
Telephone amplifiers	✓				✓	✓				
VoIP phone adapters	✓									
Telephone recording device	✓		✓	✓	✓	✓	✓	✓		✓
USB speakerphones	✓		✓	✓	✓	✓	✓	✓		✓
Speakers/Conference phones	✓		✓	✓	✓	✓	✓	✓		✓
<p><b>Product Definitions:</b>            A telecommunication device with a handset, multiple handsets or microphone and speaker systems that is used to transmit and receive sound (most commonly speech).            A device that is designed to record sound from incoming calls over a telephone line or VOIP line.            Accessory handsets packaged with a telephone in a single OEM package under a single SKU are subject to a single EHF.              Accessory speakers/microphones packaged with a speaker/conference phone in a single OEM package under a single SKU are subject to a single EHF.</p> <p>For OES, this material category is called TELEPHONES AND TELEPHONE ANSWERING MACHINES  <u>OES definition is slightly different - view it by accessing the Ontario provincial document</u></p> <p><b>Excluded:</b></p> <ul style="list-style-type: none"> <li>• Telecommunication equipment developed for embedded use in motor vehicles of any type – SEE VEHICLES category</li> <li>• Commercial-grade "pay phones"</li> <li>• Voicemail/answering machine devices that utilize a centralized networked system</li> <li>• Audio baby monitors and receivers - SEE PERSONAL/PORTABLE A/V category</li> <li>• Telephone accessories including headsets and hands-free accessories – SEE PERSONAL/PORTABLE category: PRODUCTS INCLUDED</li> <li>• Fax machines – SEE PRINTERS category</li> </ul>										

**NON-CELLULAR TELEPHONES AND ANSWERING MACHINES**



CELLULAR DEVICES AND PAGERS	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	<b>EHF</b>	\$0.07	-	-	-	\$0.07	\$0.07	\$0.07	\$0.07	\$0.07	-
Cellular phones	✓				✓	✓	✓	✓	✓		✓
Cellular phones offering camera, video recording and/or audio functions	✓				✓	✓	✓	✓	✓		✓
Smart phones (cell-enabled)	✓				✓	✓	✓	✓	✓		✓
Palmtop computers (cell-enabled)	✓				✓	✓	✓	✓	✓		✓
Cell-enabled PDAs utilizing touch-screen technology	✓				✓	✓	✓	✓	✓		✓
Cell-enabled handheld devices	✓				✓	✓	✓	✓	✓		✓
Pagers	✓				✓	✓	✓	✓	✓		✓
Phablet/smart phone hybrids	✓				✓	✓	✓	✓	✓		✓
<b>Product Definitions:</b> A handheld mobile communication device that utilizes cellular networks to transmit voice or data signals. Includes cell-enabled Personal Digital Assistants (PDAs).											
<b>Excluded:</b> • Wireless devices that do not utilize cellular networks to operate • Non-cell-enabled PDAs (Included in Personal/Portable Image, Audio, and Video Devices category)											

COUNTERTOP MICROWAVE OVENS	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	<b>EHF</b>	-	-	-	-	<1.0 cu. Ft.: \$3.00 >1.0 cu. Ft.: \$3.00	-	-	-	-	-
May include microwave ovens from hotel rooms or restaurant units similar in chassis type to household type units				effective May 1, 2018	✓						
<b>Product Definitions:</b> A self-contained cooking appliance, designed to sit (non-enclosed) on a countertop, table, or shelf, that uses electromagnetic energy to perform the cooking function											
<b>Excluded:</b> • OTR/MHC: built-in or over-the-range microwave ovens and microwave/range hood combinations; microwaves that are built into a wall assembly or combined with a thermal wall oven; microwave ovens that are installed under a counter, in a wall cabinet, or attached to the wall of a cabinet • Large industrial or commercial kitchen or microwave ovens											

IT AND TELECOM EQUIPMENT	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	<b>EHF</b>		<b>&lt;2 kg:</b> \$0.40 <b>2-10 kg:</b> \$1.00 <b>10-50 kg:</b> \$2.25 <b>50-200 kg:</b> \$15.00	-	-	-	-	-	-	-	-
Bridges		✓					See Comp. Peripherals				
Modems		✓				See Comp. Peripherals	See Comp. Peripherals				
Switches/Network Hubs		✓					See Comp. Peripherals				
Routers		✓					See Comp. Peripherals				
Business servers		✓									
Combo routers/modems		✓					See Comp. Peripherals				
Server modules (e.g., blades & pizza box server equipment commonly installed in a rack-mount frame or in an enclosure)		✓									
(Business) Network security appliances & firewalls		✓									
Wireless access points		✓					See Comp. Peripherals				
Range extenders		✓					See Comp. Peripherals				
Ethernet switches, networking products (including security appliances and firewalls)		✓									
Tape storage systems		✓									
Servers and data storage equipment for use in Data Centers		✓									
Business routers and routing systems		✓									
Business switches & switching systems		✓									
Business video conferencing systems		✓									

IT AND TELECOM EQUIPMENT CONT'D	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	<b>EHF</b>	<b>&lt;2 kg:</b> \$0.40 <b>2-10 kg:</b> \$1.00 <b>10-50 kg:</b> \$2.25 <b>50-200 kg:</b> \$15.00	-	-	-	-	-	-	-	-	-
POS terminals (50-200kg)	✓										
Zero clients	✓										
Video splitters	✓										
Wireless audio/video transmitters/RF Transmitters	✓										
Cellphone signal boosters	✓						See Comp. Peripherals				
Flash memory duplicators	✓										
Floor-standing servers and routers	✓										
KVM drawers with display (rackable keyboards with display for data centre applications)	✓										
Telephony Gateways	✓										
<b>Product Definitions:</b>											
<b>Excluded:</b>											

MUSICAL INSTRUMENTS	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	<b>EHF</b>	\$0.40	-	-	-	-	-	-	-	-	-
<b>Any stringed instruments with built-in active or passive electronics including:</b>	✓										
Acoustic-electric guitars	✓										
Banjos	✓										
Electric guitars, basses or mandolins, etc.	✓										
Other stringed instruments with pickups or preamps, etc.	✓										
Ukeleles	✓										
Violins	✓										
<b>Electronic percussion instruments that do not have onboard power or are powered by battery, battery and cord or USB only, including:</b>	✓										
Acoustic percussion instruments with built-in microphones	✓										
Drum trigger (passive) pads without controller	✓										
Percussion instruments with built-in active electronics and power from battery, battery and cord or USB only, including:	✓										
Electronic cymbals	✓										
Electronic drums	✓										
Electronic hand percussion pads	✓										
Electronic rhythm trainers or practice pads	✓										
Electronic 'silent' instruments or devices for silent practice or performance using acoustic wind or stringed instruments	✓										
<b>Portable keyboard instruments/controllers with built-in active or passive electronics, including:</b>	✓										
Battery-powered keyboards	✓										
Portable MIDI controllers	✓										
Sound modules	✓										
Audio backing modules	✓										
All electronic tuners, metronomes or combination devices, as well as tuner pickups	✓										

MUSICAL INSTRUMENTS CONT'D	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	<b>EHF</b>	\$0.40	-	-	-	-	-	-	-	-	-
Portable amplifiers, mixers, or pedal boards powered by battery, battery and cord, USB only, USB, or AC adapter	✓										
<b>Passive or active pickups, preamps, interconnects, controls or effects systems for stringed or keyboard instruments, including:</b>	✓										
Aftermarket preamps for new installations	✓										
Foot pedals for electronic keyboards, etc.	✓										
Footswitches, active or passive direct boxes	✓										
Guitar effects pedals	✓										
Impedance matching devices	✓										
Off board preamp pedals	✓										
Sound hole pickups	✓										
Under-saddle pickups	✓										

PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
<b>EHF</b>	\$2.50	-	-	-	-	-	-	-	-	-
<b>Percussion instruments with built-in active electronics and power from an AC source or AC adaptor, including:</b>	✓									
Electronic cymbals	✓									
Electronic drums	✓									
Electronic hand percussion pads	✓									
Electronic rhythm trainers or practice pads	✓									
Keyboard instruments with built-in active or passive electronics, to plug directly into AC current with a wall cord, including:	✓									
Digital pianos	✓									
Electronic keyboards	✓									
Industrial/commercial quality microphones used for musical recording, performances and/or public address, and not for use with an obligated product (e.g. wireless microphone systems)	✓									
MIDI controllers and devices	✓									
Guitar amplifier	✓				See Home Audio/Video					
Synthesizers	✓									
Amplifiers, mixers, and speaker enclosures for musical instruments and public address systems	✓									
DJ mixers and electronic audio devices	✓									
<b>Product Definitions:</b>										
Non-portable musical instruments with electronics that must be connected directly to an AC power source ("corded") (<200 kg).										
<b>Excluded:</b>										
<ul style="list-style-type: none"> <li>• Replacement or repair parts for musical instruments are not chargeable</li> <li>• Installed products</li> <li>• Products greater than 200 kg</li> <li>• Stage lighting systems laser effects, fog machines, etc.</li> <li>• Lamps or illuminating devices such as piano lamps, stand lamps, etc.</li> <li>• Parts for musical instruments that are not chargeable</li> <li>• Parts or replacement vacuum tubes for musical amplifiers</li> </ul>										

**MUSICAL INSTRUMENTS CONT'D**

MEDICAL AND MONITORING EQUIPMENT <2 kg	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
		<b>EHF</b>	\$0.40	-	-	-	-	-	-	-	-
	Activators	✓									
	Basal digital thermometers	✓									
	Breathing Therapy or Monitoring Devices	✓									
	Blood pressure monitors	✓									
	Comlink, diabetes informatics	✓									
	Console controllers	✓									
	Defibrillators	✓									
	ECG electrodes	✓									
	Electronic pipetters for non-digital application	✓									
	Handheld meters with charger	✓									
	Hearing aids	✓									
	Lesion probes, radiofrequency	✓									
	Medical monitoring equipment	✓									
	Electronic Muscle Conditioners (or TENS-like device)	✓									
	Pain Reducing or Anti-Migraine Devices	✓									
	Pacemakers, external	✓									
	Physio control systems	✓									
	Point of Care analyzers	✓									
	Rapid digital thermometers	✓									
	Telephone ECG transmitters/receivers	✓									
	Thermometers, electronic	✓									
	Heart rate monitors	✓									
	Energy use monitors	✓									
	Pedometers	✓									

	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	EHF	\$1.00	-	-	-	-	-	-	-	-	-
<b>MEDICAL AND MONITORING EQUIPMENT 2-10 kg</b>	Breast pumps	✓									
	Consoles, electric pen drive systems, ablations, ultrasounds	✓									
	Balances	✓									
	Electronic stethoscopes	✓									
	Headpieces, lubricators	✓									
	Hotplates	✓									
	Incubators, MTS hematology	✓									
	Lipolasty consoles, power assiste	✓									
	Micro centrifuges/airfuges	✓									
	Microscopes	✓									
	PH meters	✓									
	Power supplies (electrophoresis)	✓									
	Shakers/Mixers/Dry baths	✓									
	Tourniquets, pneumatics	✓									
	Tranilluminators	✓									
	Transducers, ultrasonics	✓									
	Atomic force microscopes	✓									
	Bench-Top Analyzers - portable (oscilloscopes, spectrum, network, logic, protocol, counters, generators, sources, supplies, etc.)	✓									
	Hand-Held analyzers and meters (multimeters, optical testings, data acquisitions, thermal & Infrared equipments, etc.)	✓									
	Leak detections	✓									
Modular products and systems	✓										
Static testing equipments	✓										
Vacuum technologies	✓										
Vector signal analyzer cards (modular)	✓										



MEDICAL AND MONITORING EQUIPMENT 10-50 kg	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
		<b>EHF</b>	\$2.25	-	-	-	-	-	-	-	-
	Breast pumps	✓									
	Electronic sleep therapy devices (continuous positive air pressure machines)	✓									
	Portable ceiling lifts and patient transfer equipment (bedroom)	✓									
	Atomic force microscopes	✓									
	Bench-top analyzers (oscilloscopes, spectrum, network, logiv, protocol, counters, generators, sources, supplies, etc.)	✓									
	Bioanalyzers	✓									
	Capillary electrophoresis	✓									
	Chromatography instrumentation	✓									
	Gas chromatographs	✓									
	Leak detections	✓									
	Liquid chromatographs	✓									
	Mass spectrometry	✓									
	Modular products and systems	✓									
	Nano-indenters	✓									
	PCR & QPCR	✓									
	Spectrophotometers/detectors, plate readers	✓									
	Vacuum technologies	✓									
	Vector signal analyzer chassis (modular)	✓									

PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
<b>EHF</b>	\$15.00	-	-	-	-	-	-	-	-	-
Apparatus, automated blood cell diluting	✓									
Centrifuges - non-clinical applications	✓									
Contrast media, ultrasounds	✓									
Controlled rate freezers/IVF freezers	✓									
Cryogenic storage vessels	✓									
Devices, Pasteurizations, hot water	✓									
Dopplers, ultrasounds, fetal	✓									
Drybaths	✓									
Echocardiograph	✓									
Environmental chambers	✓									
Gas generators	✓									
Immunomagnetic cancer cell systems	✓									
Imaging, Optical Coherence Tomography systems	✓									
Incubators	✓									
Infusion warmers	✓									
Intraoperative imaging systems	✓									
Lava COS	✓									
Molecular instruments, pipetting and diluting systems for clinical use	✓									
Photopheresis extracorporeal systems	✓									
Programmer patients	✓									
Radiological image processing systems	✓									
Sterilizer/washer endoscopes	✓									
Waterbaths	✓									
Atomic spectroscopy	✓									
Dissolution sampling stations	✓									
FE-SEM	✓									
Modular products and systems	✓									
Molecular spectroscopy	✓									
Vacuum technologies	✓									
<b>Product Definitions:</b> Electronic medical devices & monitoring and control equipment										
<b>Excluded:</b> • Electronic fertility monitors • Light therapy										

**MEDICAL AND MONITORING EQUIPMENT 50-200 kg**

MICRO TOYS ELECTRONIC	PROVINCE	BC	ARMA	SK	MB	OES	QC	NS/PE	NL	NT	NB
	<b>EHF</b>	\$0.05	-	-	-	-	-	-	-	-	-
	Electronic toy promotional items (i.e. sold with meals)	✓									
	Electronic action figures or dolls	✓									
	Electronic toy key chains	✓									
	Electronic toy vehicles	✓									
FURTHER EXAMPLES TO BE POSTED											
<b>Product Definitions:</b>											
Electronic Toys generally weighing less than 50 grams.											
<b>Excluded:</b>											
<ul style="list-style-type: none"> <li>• Children's flashlights</li> <li>• Toys without electronics imbedded</li> <li>• Children's watches</li> <li>• Accessories, cabling, &amp; components sold separately that don't constitute the primary toy or game</li> </ul>											

### NOTES:

1. Products included/excluded are examples based upon member inquiries but do not represent an exhaustive list of all obligated products by category. Stewards must assess products against the definitions of each obligated product category to determine the applicability and appropriate EHF, and may consult the program for assistance in clarification where required.
2. Products identified as “Included in the Obligated Category” are subject to the EHF for that category; Products identified as “Not Included in the Obligated Category” are not subject to the EHF for that category, however, members must consider all obligated product categories to determine if the product meets the definition of another obligated product category.
3. In selected cases, selected products such as cables, connectors, chargers and remote controls, memory cards and USB keys are regulated and will be accepted for recycling at QC depots, but do not attract an EHF.
4. Electronic equipment designed and intended to be used exclusively in an industrial, commercial or institutional (ICI) setting which exceed a unit weight threshold of 120 kilograms shall be excluded from the program (QC only).
5. A product is excluded from any category if it weighs >200kg, is professionally installed, or cannot readily and safely be de-installed, transported and/or recycled (BC and MB only).
6. A product is excluded from any category if it has been implanted in a person, if it is surgically invasive or is inserted into a patient's body, if it requires decontamination prior to recycling, or if it has come into contact with blood or other biological contaminants prior to end-of-life (BC only).
7. There are two instances where multiple obligated products may be packaged by the original equipment manufacturer (OEM) in a single physical package carrying a single SKU (stock-keeping unit) and be subject to one EHF for the entire package of products:
  - a) Where the product definition above specifically includes multiple obligated products, or
  - b) Where a product is comprised of different functional components that are sometimes sold separately, but in this case are integrate into a single operating unit.

In this instance, the integrated product carries the single highest EHF. Examples include:

### *Phase I*

- Display device with integrated video player (DVD, VCR, Blu-ray, etc.)
- Printer/Scanner/Fax (all-in-ones)

### *Phase II*

- Multiple drive players integrated into a single device –e.g. DVD & VCR player
- Fax machine with a corded telephone handset
- Telephone with built-in answering machine
- Security display monitor with built-in digital video recorder (DVR)

8. Floor-standing equipment should only include equipment which is integrated, and which cannot easily be broken down by the end-user for recycling (e.g. a mainframe). Floor-standing equipment is not considered one unit under the program if the equipment is comprised of easily-removable subcomponents. If the latter is the case, the rack or frame containing the equipment is excluded and the individual sub-components are covered in categories above as individual/multiple units.

9. Electronic Toys are defined as a plaything placed on the market that uses a cable/plug, batteries, of any type, or other untethered mechanism, to provide power to operate a feature function.

10. The list of Product Definitions and Clarifications may be revised periodically by the Program.