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Independent Auditor Releases First Annual Report of Canadian Set-Top Box Energy Efficiency Agreement

Ottawa, August 15, 2018 – Today, the [first annual report](#) of the *Canadian Energy Efficiency Voluntary Agreement for Set-Top Boxes* (CEEVA) was released, showing that 100 per cent of all new set-top boxes received by service provider signatories in 2017 met the energy efficiency commitments made in the agreement. The initiative is supported by Natural Resources Canada, major Canadian pay TV providers, the Consumer Technology Association (CTA), and CableLabs®.

The energy efficiency agreement, signed by service providers Bell Canada, Cogeco, Rogers Communications, Shaw Communications and Videotron and manufacturers ARRIS, Echostar Technologies and Technicolor, covers the set-top boxes that consumers obtain from Canadian pay TV providers and represents more than 85 per cent of the Canadian market.

In addition to the perfect compliance rate, which exceeded CEEVA's 90 per cent commitment for the first year, the report noted that signatories are on track for their commitment to meet more stringent "Tier 2" energy efficiency levels which became applicable in January of this year. More than 86 per cent of all new set-top boxes purchased in 2017 already met those higher energy efficiency standards a year ahead of schedule.

"While the latest set-top boxes are offering consumers more advanced features like 4K and multi-room viewing, we're actually seeing an overall reduction in energy consumption," said Joe Varano, Product Manager at Rogers and Chair of the CEEVA Steering Committee. "We're proud that this voluntary agreement is working as intended, driving technological advances and improvements that help reduce carbon emissions and foster innovation."

D+R International conducted an independent analysis of confidential procurement data from each service provider signatory to determine compliance with CEEVA commitments. D+R also verified the energy test results of each type of set-top box reported by the service providers. These tests involved running the service providers' software as normally installed and were administered by accredited third-party test organizations. Additionally, D+R confirmed compliance through a full procurement audit of a randomly-selected signatory, which was successfully completed.

Early indications show significant energy savings from the initiative. The average weighted energy consumption of both personal video recorders (PVRs) and non-PVRs procured by Canadian service providers in 2017 is similar to corresponding power consumption levels reported by the signatories of the [US Voluntary Agreement for Set-Top Boxes](#).

“Energy efficiency positively impacts all Canadians,” said the Honourable Amarjeet Sohi, Canada’s Minister of Natural Resources. “By reducing household energy consumption, consumers are saving money while contributing to Canada’s clean growth by lowering carbon pollution. This initiative is a great example of industry leadership helping us achieve our domestic and international climate change goals.”

This voluntary agreement supports the federal, provincial, and territorial governments’ broader efforts to help Canadians and the environment by improving the energy efficiency of products and equipment.

Information about each signatory’s set-top box energy consumption is publicly available to Canadians at www.energyefficiency-va.ca.

Download the full report [here](#).

About the supporting organizations

Consumer Technology Association

Consumer Technology Association (CTA)[™] is the trade association representing the \$351 billion U.S. consumer technology industry, which supports more than 15 million U.S. jobs. More than 2,200 companies, including over 160 companies in Canada – 80 per cent are small businesses and startups; others are among the world's best known brands – enjoy the benefits of CTA membership including policy advocacy, market research, technical education, industry promotion, standards development and the fostering of business and strategic relationships. CTA also owns and produces CES[®] – the world's gathering place for all who thrive on the business of consumer technologies. Profits from CES are reinvested into CTA's industry services.

CableLabs

CableLabs is a non-profit innovation and R&D lab founded in 1988 by members of the cable television industry. The company develops technologies and specifications for the secure delivery of high speed data, video, voice and next generation services, and provides testing, certification facilities and technical leadership for the industry. Dating back to the launch of HFC in 1992 to the start of DOCSIS[®] in 1994, facilitating the MPEG standard and its work in coherent optics and wireless, CableLabs continues to build secure networks and technologies that have become the bedrock for the entire industry. CableLabs’ membership is comprised of the major cable operators worldwide including the eight largest operators in Canada. For more information please visit <https://www.cablelabs.com/>.