

Canadian Energy Efficiency Program Reports Continued Improvement for Set-top Boxes and Internet Access Equipment

August 16, 2023 (Ottawa) – The Canadian Energy Efficiency Voluntary Agreement (CEEVA) Annual Report was [just released](#), reporting the average energy consumption of new set-top boxes (STB) has dropped by 61 per cent since 2017, from 116.2 kWh/yr to 45 kWh/yr.

The Annual Report also noted that the weighted average energy use of new routers and other equipment used to access wired home Internet services (Small Network Equipment (SNE)) relative to broadband download speed has dropped by 43 per cent since CEEVA SNE reporting began in 2020.

CEEVA was launched in 2017 by Canadian TV service providers and set-top box manufacturers in consultation with NRCan to improve energy efficiency while fostering innovation and strengthening the customer experience. CEEVA participants comprise of five of the largest Canadian Pay TV service providers (Bell Canada, Cogeco, Rogers Communications, Shaw Communications, and Videotron), manufacturers (CommScope, EchoStar Technologies, and Vantiva) and supporting organizations (Consumer Technology Association and CableLabs).

Driven by the success of the set-top box agreement, in 2020 CEEVA participants implemented a second program for SNE - devices that allow consumers to receive broadband services, such as routers and modems. The goal of this program is to deploy efficient SNE without restricting the rapid pace of technological innovation. In the third year of reporting, it was found that 100 per cent of new SNE purchases met the levels established in the agreement.

“CEEVA is beneficial for the industry and its consumers,” said Fahd Aman of Cogeco and Chair of the CEEVA Steering Committee. “CEEVA enables service provider to evaluate and provide energy efficient equipment while continuing to deliver new features and services to their customers.”

The annual report was published by D+R International, Ltd. (D+R), an independent energy firm that aggregated and analyzed confidential procurement data submitted by the signatories to determine compliance with CEEVA commitments. D+R verified test results of each STB and SNE model tested by accredited third-party test organizations and conducted an audit of select procurement data.

To continue to drive energy efficiency, the CEEVA agreements include more rigorous energy efficiency levels for set-top boxes in 2023 and for SNE beginning in 2024.

More information on CEEVA along with details on the energy consumption characteristics of every new model of STB and SNE offered by the signatories is available at www.energyefficiency-va.ca.

About the supporting organizations

CableLabs®

As the leading innovation and R&D lab for the broadband cable industry, CableLabs creates global impact through its member companies around the world and its subsidiaries, Kyrio and SCTE. With a state-of-the-art research and innovation facility and collaborative ecosystem with

thousands of vendors, CableLabs delivers impactful network technologies for the entire industry. To learn more, please visit our website: <https://www.cablelabs.com/>.

Consumer Technology Association

As North America's largest technology trade association, CTA® is the tech sector. Our members are the world's leading innovators – from startups to global brands – helping support more than 18 million American jobs. CTA owns and produces CES® – the most powerful tech event in the world. Find us at CTA.tech. Follow us @CTAtech.

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