



Scott Cassel
Chief Executive Officer/Founder

Board of Directors

Abby Boudouris – **President**
OR Dept. of Environmental Quality

Tom Metzner – **Vice President**
*CT Dept. of Energy and
Environmental Protection*

Jennifer Semrau – **Treasurer**
WI Dept. of Natural Resources

Christina Seibert – **Clerk**
*Solid Waste Agency of Northern Cook
County, IL*

Seth Hackman
*New Jersey Department of
Environmental Protection, NJ*

Jennifer Heaton-Jones
*Housatonic Resources Recovery
Authority, CT*

Jennifer Holliday
Chittenden Solid Waste District, VT

Mallory Anderson
Hennepin County, MN

Mia Roethlein
*VT Dept. of Environmental
Conservation*

Patrick Riley
OK Dept. of Environmental Quality

Honorary Director

Walter Willis
Solid Waste Agency of Lake County, IL

Scott Klag
Retired, formerly Metro, OR

Racheal Ajayi
*Formerly MO Dept. of Natural
Resources*

March 10, 2025

Senator Tou Xiong, Chair
Senator Heather Gustafson, Vice Chair
Senate State and Local Government Committee
Minnesota Senate Building, Room 1200
95 University Ave W
St. Paul, MN 55103

**RE: SF 1690, Establishing a Stewardship Program for Circuit Boards,
Batteries, and Electrical Products**

Dear Chair Xiong, Vice Chair Gustafson, and Members of the Committee:

Thank you for the opportunity to submit testimony in strong support of
SF 1690.

SF 1690 would establish a comprehensive stewardship program for many
batteries and consumer electronic and electrical products, which would
capture far more material than is collected under current statute,
including: batteries of any type, size, or energy capacity, battery containing
products and embedded batteries, any product with a circuit board, and
other consumer electrical devices powered by cords, with exceptions for
large appliances and lead-acid batteries.

The program would ensure recovery of these products for reuse and
refurbishment, as well as for the recycling of valuable metals in these
products, like steel, manganese, and zinc, for use as feedstock in products.
The program would provide a continuous flow of high-quality material to
refurbishment companies, recyclers, and manufacturers that will allow for
long-term investments in local businesses and infrastructure, and support
jobs. By recovering these products for reuse, refurbishment, and recycling,
the program will reduce the greenhouse gas (GHG) emissions required to
mine virgin materials, and prevent toxic cadmium, lead, and mercury from
contaminating our environment. Furthermore, the program will save local
governments millions of dollars in waste management and recycling costs.

SF 1690 contains many best practices that ensure an effective stewardship
program, including a stewardship organization, a comprehensive program
plan, strong convenience standards to ensure equitable access for all
communities in Minnesota, producer funding for all program costs,

including agency oversight with no consumer fees, a board to advise the oversight agency on reimbursement rates, and comprehensive education and outreach to ensure public awareness and participation. The bill also includes labeling requirements for batteries, which will enhance program effectiveness by reducing consumer confusion, and bans mercury from batteries to eliminate toxic materials from products and the recycling stream.

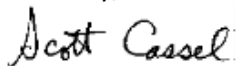
Minnesota's rechargeable battery stewardship law (1991) and its electronics stewardship law (2007) have been successful in recovering and recycling covered electronics and rechargeable batteries for decades. The electronics program recovers nearly 3 pounds of scrap electronics per person in Minnesota each year, and the programs combined save local government and taxpayers millions of dollars while recovering valuable material and preventing pollution.

However, since these laws were established, many new types of batteries have been developed, and the number of products powered by batteries and electrical components has grown exponentially. The current statute is no longer sufficient to ensure the continued recovery and recycling of batteries and electronics. For example, lithium-ion batteries, which are used in a growing number of products, including e-scooters and e-bikes, have sparked fires in trucks and at recycling facilities that have caused millions of dollars in damage and added business costs, as well as severe worker injuries and tragic deaths. Bringing more batteries and consumer electronic and electrical products into collection programs will ensure safe collection, reduce fires, and maximize value in the growing circular economy.

The Product Stewardship Institute (PSI) is a national policy expert and consulting nonprofit that pioneered product stewardship in the United States along with our members – hundreds of state and local government officials, including those in Minnesota– and our partners from companies, environmental groups, academia, and international governments. Since 2000, PSI's facilitated dialogues, research, pilot projects, and policy models have helped shape most of the 141 EPR laws enacted for 20 industry sectors.

I respectfully urge you to support **SF 1690** for the financial, environmental, and safety interests of Minnesota's economy and communities, and for ensuring the future success of the state's battery and electronics stewardship programs. If you have any questions, please feel free to contact me at (617) 513-3954, or Scott@ProductStewardship.US.

Sincerely,

A handwritten signature in black ink that reads "Scott Cassel". The signature is written in a cursive, flowing style.

Scott Cassel
Chief Executive Officer/Founder