

Seiko Epson Corporation

Global Technology Company with an
80 Year Commitment to Sustainability

1942

Founded

\$9.2B

Global Revenue

80K

Employees
Worldwide



Global Headquarters Lake Suwa, Nagano, Japan



Goal 1:
Reduce
Environmental
Impacts and Cost



Goal 2:
Health and
Wellness of
Students and Staff



Goal 3:
Provide Effective
Sustainability
Education

Laser Toner is Powdered Plastic.

Laser printers use high heat to melt plastic toner onto paper.



1 Year of North America Laser Toner Usage

100 Million Pounds

Plastic from the Toner Powder Alone



More than 2.5 billion plastic bottles



More than 9.5 billion plastic bags



More than 116 billion plastic straws



Toner Powder Plastic ONLY – Excludes Plastic from Cartridge Housing

Advanced Print Technology | A Simple Path to Reduce



- ↓ **Powdered Plastic Toner**
- ↓ **Energy Consumption**
- ↓ **CO₂**
- ↓ **Waste**

Electricity & Waste Summary: LBUSD

Efficient. Compact. Precise.

Developing technologies that are efficient, compact and precise has always been our philosophy. It yields purpose-driven designs built to use **less energy**, **less plastics** and **fewer parts** and create **less waste** – all while lasting longer.



Keith Hocking, President
and COO, Epson America, Inc.

"Epson is committed to engineering disruptive technologies that help our customers operate more sustainably."



Estimated Emissions Avoided ²

Metric Tons of CO₂
(Based on kWh Savings)

Annual	1.80
3-Year	5.40
5-Year	9.01



Estimated Equivalent Trees ³

(Based on kWh Savings)

Annual	30
3-Year	90
5-Year	150



Estimated Number of Smartphones Charged ⁴

(Based on kWh Savings)

Annual	219,175
3-Year	657,524
5-Year	1,095,874

Estimated Electricity Consumption kWh				
	Existing	EPSON	Savings	
Annual	3,382	841	2,541	75%
3-Year	10,147	2,524	7,623	
5-Year	16,911	4,206	12,705	

Calculation:

The Fleet Electricity Estimator compares the energy consumption on a yearly basis of a current fleet with an Epson fleet for a specified print volume per machine. The electricity consumed per page is based on the U.S. EPA's ENERGY STAR Imaging Specification typical electricity consumption (TEC) methodology and assumptions, or manufacturers published specifications. Estimations for Emissions Avoided, Equivalent Trees and Number of Smartphones Charged based on published U.S. EPA Guidelines ^{2,3,4}.