Collect. Recycle. Get paid. Sustainably.

Introduction

Escrow Lockers make sustainable recycling simple and profitable. Our smart kiosks evaluate the real market value of your end-of-life lithium batteries, as verified recyclers pay you directly for recoverable materials. Just identify your battery type, upload a photo, receive an instant quote, drop it in the Escrow Locker, and get paid instantly through PayPal.

Powered by Renewables

Powered entirely by renewable energy—wind, solar, or hydropower—each kiosk uses an integrated Battery Energy Storage System (BESS) that runs on DC power. The system's efficiency ensures minimal consumption, with surplus energy available for additional services like device charging or wireless connectivity.

Escrow Lockers operate on a Battery Energy Storage System (BESS) supplied by *Texas Energy Storage (TES), Inc.* of Houston, Texas. Their systems utilize 18650 primary or secondary life cells powered by Dr. Ahmed Tarfaoui's **patented Integral Tubular Battery (ITB®) technology.**

Embedded Smart Services

Each Escrow Locker is equipped with:

- Battery recycling – Submit lithium batteries and earn PayPal payments.
- USB charging ports – Provide paid on-site charging services.
- Wireless hotspot access – Offer connectivity and share in the revenue.
- Smart monitoring – System controller, auto-fill level detection, and remote notifications.
- Communication and GPS – Track, locate, and manage unit performance in real time.

Collection and Payment Process

Escrow Lockers accept phones, laptops, tablets, and lithium-ion batteries. When a unit reaches capacity, you'll be automatically notified to empty it. Each participant receives an affiliate account to track material volumes and payment activity seamlessly.

How to Get Started

1. Order Escrow Lockers – Email: daniel@cmxi.org
2. Choose your location – Install in high-traffic or eco-conscious spaces.
3. Receive notifications – Get alerts when your system is full.
4. Ship for processing – Print the provided shipping label, pack your shipment, and send it for recycling.

Build it Yourself - Bill of Materials

Based on wireless connection available. If no wireless then add a cellular connection to hotspot and pay the monthly service.

monitor	106.99
rasberry pi 4	104.99
keyboard	21.85
mouse	8
video camera	75.95
thermal printer usb power	99.99
solar 400w	149.99
0.4 kwh bess 40 cell pack	650
40 cells	20
container bin	?
Capital cost per kiosk	1237.76

Setup Equipment & Place Raspberry PI in Kiosk Mode

Set the default screen to load https://recyclelithiumbatteries.com.

Holder Follows Screen to Get a Quote

Print Label & Affix to Item

Give the item to the salesclerk, they will scan it to get approval and give you the cash.

The kiosk owner ships the material to the recycler who receives the material and pays the kiosk owner.

The True Cost of Stolen Laptops and Phones

Stolen laptops and mobile devices pose a far greater financial risk than their hardware value suggests. Although physical replacement costs usually fall between $1,000–$2,000 per device, the average total economic impact is roughly $50,000 per theft, according to the *Ponemon Institute*. For organizations, this can amount to more than $3.4 million annually in cumulative losses.

Main Economic Impacts

- Data Breach and Legal Liability:
  Lost devices often trigger data breaches, requiring forensic investigations, legal counsel, and regulatory reporting. Fines under privacy laws like GDPR or HIPAA can quickly multiply overall costs.
- Operational Downtime:
  Employees typically lose 2–5 days of productivity while IT departments reconfigure replacements and secure accounts, creating workflow disruptions. *(Multplx, 2025)*
- Intellectual Property Loss:
  Access to proprietary files, trade secrets, or confidential client data can erase competitive advantages or damage business relationships.
- Replacement and Administrative Costs:
  Beyond hardware replacement, organizations absorb costs for software reinstallation, system reconfiguration, device deployment, and cybersecurity audits.
- Individual Consequences:
  For private users, device theft often results in direct financial loss, identity theft risks, and emotional distress over lost personal data such as photos or files.

Supporting Data

- A *Ponemon Institute* study estimates each stolen laptop averages $49,246 in total costs.
- Device theft accounted for $2.1 billion in losses across organizations in a past study cited by *Wikipedia*.
- 76% of IT decision-makers reported a theft incident within two years, according to *Kensington's 2025 survey* of U.S. and European organizations.

Our escrow lockers help recover lost or stolen items before they are recycled.

RecycleLithiumBatteries.com

Get Paid to Dispose of Your Hazardous Waste

RecycleLithiumBatteries.com streamlines quoting, boosts visibility via affiliates, and expands collection via bins located at ShopDowntown.org retail stores.

Lithium batteries contain materials like lithium, cobalt, nickel, and graphite, all of which are on the U.S. government's official critical minerals lists from the Department of Energy and USGS.

Thus, recycling operations at a site like recyclelithiumbatteries.com inherently qualify under these lists by recovering and returning critical minerals to the supply chain.

Key Lists

- DOE Critical Materials (2023): Includes lithium, cobalt, nickel, graphite, and others vital for energy tech.
- USGS Critical Minerals (2022): 50 minerals, explicitly listing lithium, cobalt, nickel, manganese, graphite, and aluminum found in lithium batteries.

Relevance

Trump just launched a $12 billion critical minerals stockpile. Battery recycling supports national security and economic needs by reducing import reliance on these minerals.

Lithium battery recycling offers substantial ecological and fire safety benefits by recovering critical materials and mitigating risks associated with disposal.

Ecological Benefits

Recycling lithium-ion batteries significantly cuts greenhouse gas emissions—by 58-81% compared to mining new metals—while using 72-88% less water and 77-89% less energy. It prevents toxic leaching into soil and water from landfilled batteries, conserves finite resources like lithium and cobalt, and reduces mining-related habitat destruction.

Fire Safety Advantages

Discarded lithium batteries pose severe fire hazards in landfills or facilities due to thermal runaway, releasing flammable gases and causing intense fires. Proper recycling through certified processes safely dismantles and stabilizes them, diverting this risk and enabling controlled material recovery under regulations like RCRA.

Operations Context

Facilities like those implied by recyclelithiumbatteries.com align with these benefits by handling end-of-life batteries, supporting a circular economy for critical minerals as recognized by DOE and EPA guidelines.

Economic Estimates

Many lithium battery recyclers pay for scrap material due to the value of metals like lithium, cobalt, nickel, and copper recovered from them. Payments vary by location, volume, battery type/condition, and market prices, often ranging from $0.10–$2.50 per pound in the US which gives us the following estimates:

Material From Kiosks	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**
Pounds per kiosk	50,000	75,000	100,000	125,000	150,000
Number of kiosks	100	200	300	400	500
Pounds of NMC	2,500,000	7,500,000	15,000,000	25,000,000	37,500,000
Pounds of LCO	2,500,000	7,500,000	15,000,000	25,000,000	37,500,000
Income	$4,000,000	$12,000,000	$24,000,000	$40,000,000	$60,000,000
Cost per kiosk	$1,237.76	$1,237.76	$1,237.76	$1,237.76	$1,237.76
Capital Expense	$123,766.00	$123,766.00	$123,766.00	$123,766.00	$123,766.00
Revenue Splits					
ShopDowntown.org, Inc.	$1,333,320	$3,999,960	$7,999,920	$13,333,200	$19,999,800
Kiosk Owner	$1,333,320	$3,999,960	$7,999,920	$13,333,200	$19,999,800
Property Owner	$1,333,320	$3,999,960	$7,999,920	$13,333,200	$19,999,800
Total Payouts	$3,876,234	$11,876,234	$23,876,234	$39,876,234	$59,876,234

How you get paid

Just recruit kiosk owners and property owners. We handle the rest.

- Kiosk owners get recurring, passive income from every pound of lithium batteries their kiosk collects and sends into our network.
- Property owners (shopping centers, apartments, hotels, campuses) earn passive income for simply hosting a kiosk on-site.
- No operations, no negotiating with recyclers, no logistics. We track weights, payouts, and performance automatically and pay you out.

Forward this PDF to anyone you would like. Post this code on every website you own so your network can start earning passive income from lithium battery recycling today.

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** <img src="https://recyclebins.org/logo-header2.jpg" class="img-fluid"> **
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About Daniel Wells

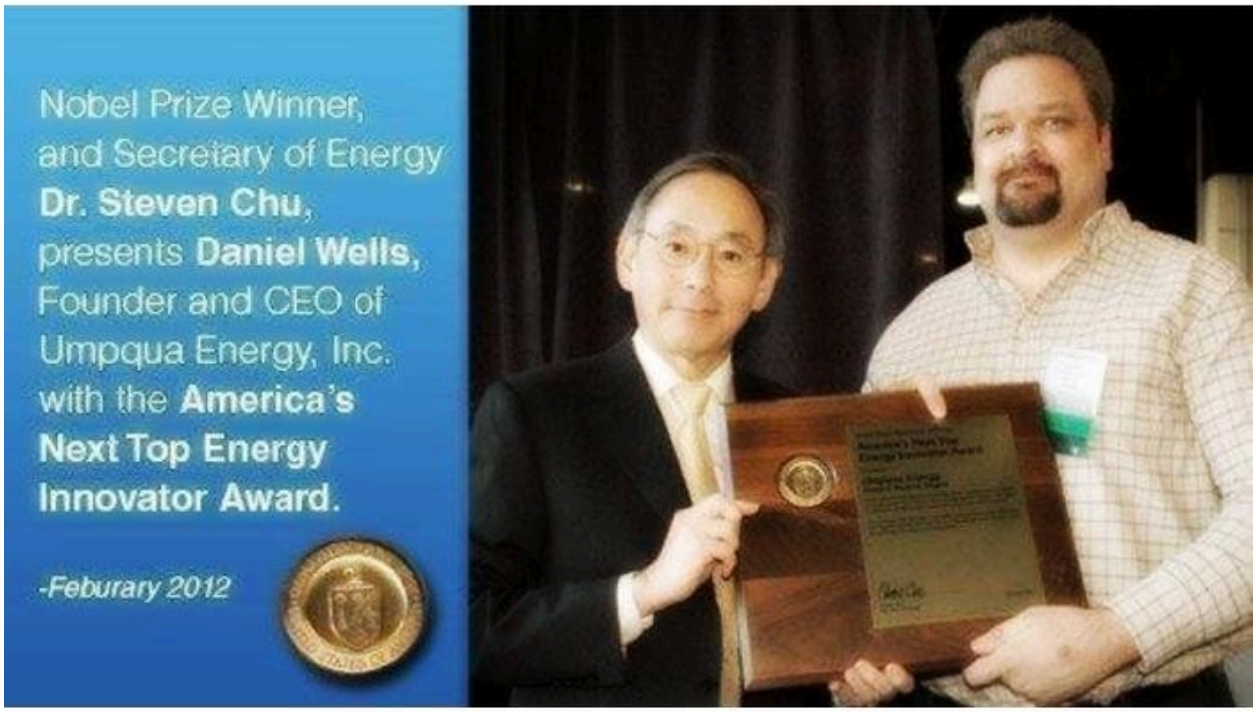
With more than 30 years of experience in Information Technology, Daniel specialized in ERP systems, accounting, HR software, point of sale solutions, e-commerce, custom software development, and internet marketing where he has sold over $200 million worth of goods for his employers. He holds professional certifications including A+, NET+, MCP, and MCSA.

Daniel's 35-Year Management Experience: LinkedIn Profile

- **ShopDowntown.org, Inc., Founder:** Join our mission to bring awareness and loyalty to downtown shopping while raising money for cancer research, education and support. We are launching the first-ever 3D Virtual Downtown Marketplace where shoppers can browse, chat, and even livestream shop with their favorite local merchants—all with real-time inventory synced from Shopify.
- **Middleford Yarn, Inc., Owner:** Daniel's wife (Heather) purchased a yarn shop and moved it to Downtown Medford. That led us to start ShopDowntown.org as a way to help market all of our neighboring businesses. After we sold the yarn shop, we

began expanding the footprint of the domain to create a directory of shops, restaurants and hotels for every City in the United States, Canada, Australia, New Zealand and the UK.

- **Umpqua Energy, Inc., Founder & CEO:** Daniel developed a working prototype called EVOPAC that reduces emissions up to 85% on NOx, and 95%+ on HC, CO and PM on combustion engines using state-of-the-art components sourced from government labs and private industry. He also won "America's Top Energy Innovator" Award from Secretary Chu of the Department of Energy, and won the CTSI Defense Energy Technology 2012 Challenge. Daniel sold his stake in the business in 2013.



- **Software Matrix, LLC, Co-Founder & President:** Customers of our enterprise web-based risk assessment software system included Lockheed Martin, Sandia National Labs & Los Alamos National Labs. Daniel sold his interest in the company in 2002.
- **Keep Us, Inc., Founder & President:** Bought myself a textbook called "Teach Yourself HTML in 30 Days" and a laptop. Started a web design company and turned into an erp software sales representative for my first website client. Together, we sold, installed and provided training and support for Philips Research Site, Black Mountain Gas and Tricore Reference Laboratories by

implementing Solomon Software, Cougar Mountain Software and Best Software for Human Resources. Closed to focus on Software Matrix, LLC

- **Cinemark Theaters, General Manager:** Charged with continually improving operations at progressively higher traffic theaters by training managers and hundreds of staff to give the best experience for thousands of people each and every day. I started my career in Medford, OR and transferred to manage movie theaters in White City, OR, Springfield, Oregon, Kingman, AZ, Lancaster, CA, Carrollton, TX and Albuquerque, NM.

Contact daniel@cmxi.org to get involved!