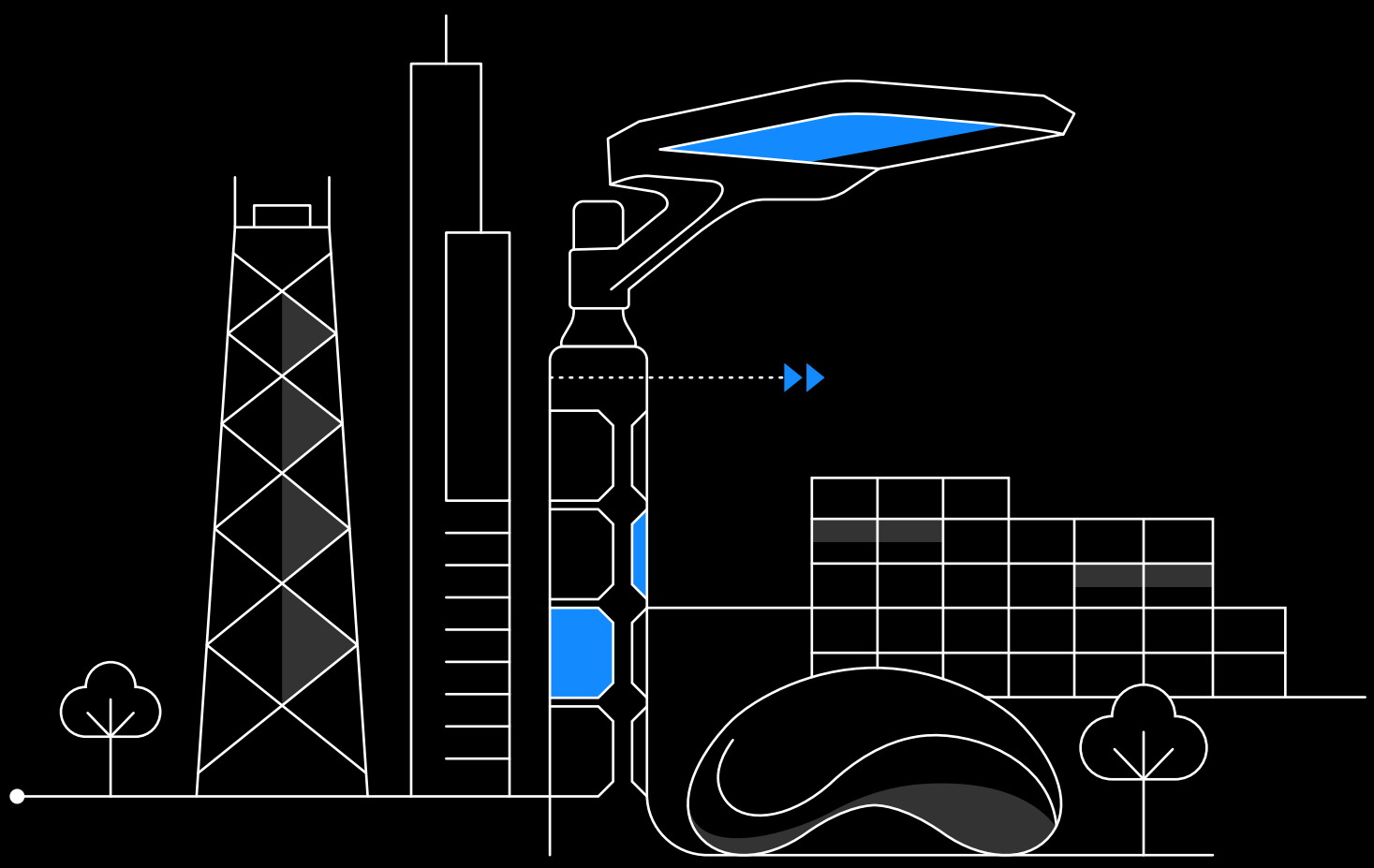
iLamp

Illinois.iLamp.com
(not yet operational)



iLamp Roadmap for The State of Illinois

This document covers information required to build a road map to commercial viability for the iLamp territorial license for the state of Illinois.

iLamp

Illinois Population
12.6 Million

GDP
$779 Billion

Illinois State Dept.
for Transportation Budget
$9.7 Billion

Street lighting is the single largest source of carbon emissions from local government, typically accounting for 30-60% of their total emissions.

The crises in California and Texas are different, in scale and severity. One faced fire, the other an ice storm. But experts say the power outages in both states make one thing clear: neither is prepared for the chaos of the climate crisis.

iLamp.com
ILOCX.com/iLamp

Follow us
@officalilamp

ConFlowPower.com
Batteryware.com
PowerasaService.com
Droneready.com
Investinbatteries.com
ILOcasestudy.com

Exclusive License for iLamp in Illinois

The Climate and Equitable Jobs Act (SB2408) has become law in the state of Illinois which requires the following -

Slash climate-changing carbon pollution by phasing out fossil fuels in the power sector. Require Illinois to achieve a 100% zero-emissions power sector by 2045, with significant emissions reductions before then. Prioritize environmental justice communities for the fastest pollution reductions. These emission reductions requirements extend to the Prairie State coal plant, the state's largest polluter and the seventh-largest emitter of carbon pollution in the country, which must reduce its emissions by 45% no later than 2038 and to zero by 2045. Illinois will be the first Midwest state to require a carbon-free power sector, joining California, Hawaii, New Mexico, New York, Oregon, Virginia, and Washington.

Grow renewable energy generation more than five-fold. Invest $580 million a year (more than double current funding) to generate 40% of Illinois' energy from wind and solar by 2030 and 50% by 2040 (compared to less than 10% today, and a target of 25% under current law).

Clean up Illinois' transportation sector by creating planning processes for beneficial electrification, and providing rebates for electric vehicles and electric vehicle charging infrastructure. These policies are an important tool for reducing pollution from the transportation sector, our state's largest source of carbon pollution.

1. Illinois is primarily served by two investor-owned utilities: **Commonwealth Edison (ComEd) and Ameren Illinoi.**
2. All potential partners can be found here, there are multiple and some state owned https://www.publicpower.org/public-power-illinois

> *Creativity is the power to correct the seemingly unconnected.* - Nikola Tesla

Deal Breakdown

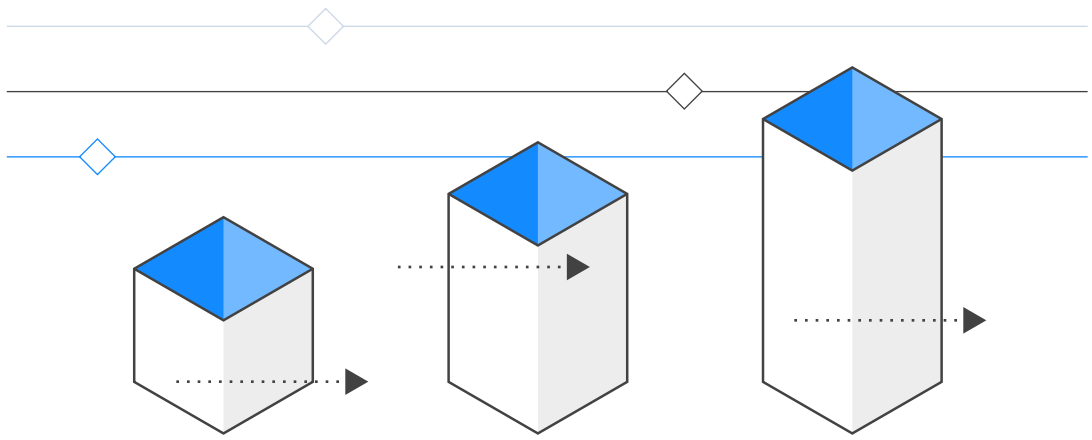
Steps to enhancing value and recurring revenue

1. Reserve the territory by purchasing 10,000 ILO units of iLamp (cost $100,000)
2. Purchase exclusive license in Illinois for $5,000,000, pay $300,000 on signing and the remainder in a note payable on share of revenue and capital raised at a zero coupon for the entire term of the note. You will get an exclusive license for Illinois, a pilot pole installed, a localized iLamp.com website (see example here colorado.ilamp.com), a listing on ILOCX for your local fundraising and promotion.
3. A more detailed roadmap with all supporting documentation and training.
4. The ability to sell sub-licences within Illinois.
5. You pay iLamp HQ 5% of all revenue and 20% of the PaaS revenue you generate.
5. Repeat what CPG has done in California and now in 9 other States in the USA: agree to a pilot installation for iLamp. Get a contract for installation and gain 20% of the PaaS revenue from each iLamp year- on-year. 10% of the market in Illinois would yield approx $43 million in iLamp sales over 10 years and generate $4 million in annual recurring revenue based on 20% of PaaS revenue and all other revenue sources, camera, sensors, wifi, 5G etc estimated at $400 per pole per annum. (based on an estimated 500,000 poles in Illinois).

Three steps to faster returns (Alternative option)

1. Buy $1 million of iLamp ILO units at current price, and move to step 3 above. The result will be a double in the value of your units before your local ILO is listed.
2. List iLamp Illinois on ILOCX and gain local support.
3. On signing we commit to supplying a sample iLamp to install in a strategic location in Illinois and all other benefits. The $1m iLamp ILO units purchase counts against the note as amount paid which has a large and positive impact on your opening balance sheet in iLamp Illinois. (see at the end of the document).

Stages



1. **Reservation**

   100,000 USD of iLamp Licenses found here https://ilo.ilamp.com/ must be purchased and held in the account of the potential Licensee at ILOCX.

   - Once this phase is complete the potential licensee has 12 months to trigger the territorial license or lose the option.
   - If you have purchased 100,000 ILO units in iLamp in the alternative offer then all these payments are considered paid.

2. **Get Started**

   Once triggered the deposit needs to be paid in the case of Washington this totals $XXXXX this covers all costs to install a pilot scheme in the location chosen.

   - This will include delivery and installation of a iLamp with a full tech stack and codes to operate and collect data and revenue from the iLamp as a demonstration to land sales and mass installations.
   - This also covers:
     - The costs to list iLamp Washington on the ILOCX for all upfront and first year listing fees.
     - This building and delivery of a website for Arizona.
     - All media and images, all data and point of sale aids, email addresses, and this detailed report covering competition, USP's, market size, list of potential partners, HQ assistance for news and localized promotion of ILamp in the territory.

3. **The Details**

   Once the option fee and deposit are paid a local legal entity needs to be formed to hold the license. This is formed by the potential licensee.

The Arizona Opportunity

In January of 2017, the State of Illinois issued a Request for Proposal (RFP) to establish a state master contract for Smart Street Lighting. Awards were announced in December 2017 and State master contracts are now executed with the three awarded vendors: Johnson Controls (primary), Globetrotters Engineering (secondary) and TEN Connected Solutions (tertiary).

The program offer financing options that include energy performance contracting and other vendor proposed financing for street light upgrades with no upfront charges to the municipality. With the typical energy savings and decreased maintenance costs, the monthly charges to the municipality, with financing implemented, may be less than before the upgrade.

While the procurement is targeted to Illinois municipalities, the state master contracts will also be available to all Illinois governmental entities, including municipalities, state agencies, school districts and universities that are qualified for the Illinois joint purchasing program.

With a networked street lighting architecture, backhaul communications, street light real estate and available power, the necessary components are in place for a municipality to implement additional quality of life enhancing applications and services such as vehicle and pedestrian occupancy sensors, cameras, environmental sensors, small cell antennas, audio speakers and smart parking.

The Climateand Equitable Jobs Act (CEJA) passed in September 2021

The law requires the Illinois Commerce Commission to establish new cumulative persisting annual savings (CPAS) targets beyond 2030. As it stands, ComEd must attain 21.5% cumulative persisting annual savings by 2030 and Ameren Illinois must ramp up to 16% cumulative persisting annual savings by 2030.

he Act allows electric utilities to offer electrification programs as long as they reduce net energy usage at the premises and claim electrification-derived savings toward CPAS targets (subject to guardrails).

The Act also enables electric utilities to claim energy savings credit for contributing to advancement of and compliance with building energy codes, appliance standards and municipal actions such as building performance standards and benchmarking ordinances. Additional amendments affecting electric utilities' programs include changes to the spending cap, providing an opt-out option for customers with peak demand over 10 MW, and increased funding for income-qualified programs and health/safety improvements among other items.

Lost Revenue Recovery

The Future Energy Jobs Act allows, but does not require, electric utilities to rate-base their energy efficiency costs, which means that these costs will be amortized over the lifetime of the measure.

Utility Incentives

The Future Energy Jobs Act allows electric utilities to earn performance incentives for meeting and exceeding their savings goals. The exact percentages for earning incentives differ by utility and over time.

Chicago Smart Lighting Program

In February 2022 CDOT announced that it had completed the Chicago Smart Lighting Streetlight Modernization Program.

The program has created the largest lighting management system in the nation and is projected to save $100 Million in electricity costs in the first 10 years.

The modernization project involved converting more than 280,000 outdated, hazy orange High-Pressure Sodium (HPS) streetlights, about 85 percent of the City's streetlight stock, to high-efficiency LED lights. These LED fixtures use less than half the energy of the HPS lights and can last for twice as long.

The prime contractor for the $160 million program was Ameresco Inc., a national leader in the field of energy efficiency. In designing the program, the City prioritized hiring a diverse set of subcontractors and emphasized the importance of job creation for City residents. The program set a Minority Business Enterprise (MBE) participation goal of 26 percent and a Women's Business Enterprise (WBE) participation goal of six percent, both of which were exceeded. In addition, it included a requirement that 50% of the workforce consist of Chicago residents and 10% of workers come from socio-economically disadvantaged areas. These goals were also exceeded.

A key vendor for the program was Lyons View Manufacturing, a certified MBE based on the West Side that is dedicated to creating job opportunities for residents with barriers to employment. The company features non-discriminatory hiring practices that allow a second chance opportunity to job applicants. Lyons View assembled more than half the LED fixtures used in the program.

The program is already providing significant environmental and financial benefits, cutting energy usage and electric costs by more than half. In 2021, the City reduced its energy bill for streetlights by more than half, registering savings of $8.7 million.

Move Illinois Program

In 2011, the Illinois State Toll Highway Authority adopted the 15-year, $14B capital program, *Move Illinois: The Illinois Tollway Driving the Future*. This significant highway construction program includes the installation of cutting-edge energy-efficient lighting and various smart highway systems spread across numerous contracts.

These contracts, most frequently found along I-90 and the Elgin – O'Hare Western Access Corridor, represent the installation of close to 2,000 LED energy-efficient highway lights. Other work scopes within the Move Illinois Program include Intelligent Transportation (ITS), Dynamic Messaging (DMS), Microwave Vehicle Detection (MVDS), and Roadway Weather Information (RWIS) Systems, Active Traffic Management (ATM), an upgraded and expanded camera system and traffic sensors. In addition, over 500,000 LF of fiber optic cable has been laid down to allow future technology implementation.

IDOT Smart Work Zone Systems

In Illinois, an average of 6,406 work zone crashes occurred each year from 2015 to 2019. That's why effectively and quickly communicating real-time travel information in work zones is essential to helping Illinois to make roads safer and drive down the number of traffic fatalities in Illinois to zero.

Smart work zone systems, which use sensors to collect real-time data such as speed and traffic volume to communicate travel information to drivers as they approach work zones, are the key to getting ahead of potential problems. Three Department of Civil and Environmental Engineering faculty members at the University of Illinois are working to develop design guidelines for smart work zone systems in a recently awarded IDOT and Illinois Center for Transportation project.

Recently, the National Safety Council called upon the expertise of the Illinois Tollway and its industry-leading traffic management team to contribute to the national discussion on work zone safety.

Throughout its system, the Tollway uses intelligent transportation system technologies including traffic sensors, digital signage and CCTV cameras that are tied in to the agency's Traffic and Incident Management System software to detect and communicate roadway conditions to motorists.

In a well-defined work zone, these technologies can be customized with pre-selected safety messages that are triggered by real-time conditions, with additional sensors, cameras and portable changeable message signs added as needed.

Chicago awarded $3.9 million to improve traffic signal technologies that prioritize buses

Chicago's Centralized Transit Signal Priority Project will improve existing transit infrastructure and modify communication and software systems to prioritize buses at every traffic signal in Chicago. The new system will eliminate the need for separate field equipment to detect buses and implement a more centralized system for buses.

Erica Schroeder, a spokeswoman for the Chicago Department of Transportation, said the funds will help to decrease travel time for riders, increase system reliability and allow the city to create hundreds more signal priority intersections over the next several years.

Illinois Available Grants

Community Solar Energy Sovereignty Grant Program

The purpose of this grant is to support the pre-development and development of community solar projects that promote community ownership and energy sovereignty. Its intent is to remove barriers to project, community, and business development caused by a lack of capital. Funds can be used for early stage project planning, project team organization, site identification, securing financing, procurement and contracting, customer outreach and enrollment, preliminary site assessments, development of cooperative or community ownership model, and more. **Max award amount:** $1,000,000 per application.

Jobs and Environmental Justice Grant Program

Program to provide upfront capital to support the development of projects, businesses, community organizations, and jobs creating opportunity for historically disadvantaged populations, and to provide seed capital to support community ownership of renewable energy projects. Will coordinate with and supplement existing incentive programs (Adjustable Block program, Illinois Solar for All Program, community renewable generation projects, and renewable energy procurements). Two programs: Equitable Energy Future Grant Program and the Community Solar Sovereignty Grant Program. **Max funding:** Up to $1,000,000 per application. Up to $34,000,000 annually.

The warning signs for Illinois

People in Illinois will experience especially increased risks from precipitation, heat, and drought due to climate change over the next 30 years. These risks, through 2050 and beyond, may change depending on how much we reduce emissions in the near future.

By 2050, Illinois is projected to see a ten-fold increase in the average number of dangerous heat days a year, from 5 to nearly 50 days. By 2050, the typical number of heat wave days in Illinois is projected to increase from 10 to more than 60 days a year.

Air Pollution and Human Health

Rising temperatures can harm air quality and amplify existing threats to human health. Warmer weather can increase the production of ground-level ozone, a pollutant that causes lung and heart problems. Ozone also harms plants. In rural Illinois, ozone levels are high enough to significantly reduce yields of soybeans and winter wheat. U.S. EPA and the Illinois EPA have been working to reduce ozone concentrations. As the climate changes, continued progress toward clean air will become more difficult.

Heavy Precipitation and Flooding

Changing climate is likely to increase the frequency of floods in Illinois. Over the last half century, average annual precipitation in most of the Midwest has increased by 5 to 10 percent. But rainfall during the four wettest days of the year has increased about 35 percent, and the amount of water flowing in most streams during the worst flood of the year has increased by more than 20 percent. During the next century, spring rainfall and average precipitation are likely to increase, and severe rainstorms are likely to intensify. Each of these factors will tend to further increase the risk of flooding.

Potential partners

Commonwealth Edison Company (ComEd)

https://www.comed.com/

ComEd is one of America's largest utilities. The company is headquartered in Chicago with more than 4 million customers across the northern Illinois region. In 2012, ComEd launched one of the largest grid modernization and Smart Grid programs in the nation, supporting thousands of jobs and driving innovation to meet evolving customer needs.

Ameren Illinois

https://www.ameren.com/

Ameren Corporation is an American power company created December 31, 1997, by the merger of St. Louis, Missouri's **Union Electric Company** (formerly NYSE: UEP) and the neighboring **Central Illinois Public Service Company** (CIPSCO Inc. holding, formerly NYSE: CIP) of Springfield, Illinois. It is now a holding company for several power companies and energy companies. The company is based in St. Louis, serving 2.4 million electric, and 900,000 natural gas customers across 64,000 square miles in central and eastern Missouri and the southern four-fifths of Illinois by area.

Ameren is the holding company for the following:

- Ameren Missouri
- Ameren Illinois
- Ameren Transmission Company
- Ameren Services

Jo-Carroll Energy Inc

https://www.jocarroll.com/

Headquartered in Elizabeth, Illinois, Jo-Carroll Energy is a not-for-profit distribution cooperative. We service approximately 26,500 electric and natural gas accounts in Jo Daviess, Carroll, Whiteside and Henry counties. Our dedicated staff of more than 75 employees oversees more than 2,432 miles of electric line and 304 miles of natural gas pipe as well as a number of programs and services.Today, cooperatives like Jo-Carroll Energy are still the primary providers of electricity in rural Illinois areas. Located in the diverse rural area of northwestern Illinois, we serve small businesses and industries, farms, residences and second homes, cabins and recreational homes.

McDonough Power Cooperative

https://www.jocarroll.com/

Headquartered in Elizabeth, Illinois, Jo-Carroll Energy is a not-for-profit distribution cooperative. We service approximately 26,500 electric and natural gas accounts in Jo Daviess, Carroll, Whiteside and Henry counties. Our dedicated staff of more than 75 employees oversees more than 2,432 miles of electric line and 304 miles of natural gas pipe as well as a number of programs and services.Today, cooperatives like Jo-Carroll Energy are still the primary providers of electricity in rural Illinois areas. Located in the diverse rural area of northwestern Illinois, we serve small businesses and industries, farms, residences and second homes, cabins and recreational homes.

McDonough Power Cooperative

https://mcdonoughpower.com/

McDonough Power Cooperative, headquartered in Macomb, Illinois, is a consumer-owned corporation that supplies electric power to members in portions of Fulton, Hancock, Henderson, Knox, McDonough, Schuyler and Warren counties in West-Central Illinois. More than 5,000 households and businesses receive power from McDonough Power. We are a distribution utility-we don't generate our own electricity. We purchase our power from Prairie Power, Inc., which is headquartered in Springfield, Illinois. Prairie Power is a generating and transmission cooperative which is owned and controlled by rural electrics in the central part of Illinois that receive electricity from that organization. McDonough Power is wholly owned by the people it serves and is governed by a board of directors elected by members in each of the nine voting districts. Approximately 17 employees work for McDonough Power to serve its residential, commercial and industrial accounts.

Mt. Carmel Public Utility Co.

https://mtcpu.com/

Mt. Carmel Public Utility Co. is an Investor Owned Utility incorporated in the State of Illinois on November 14, 1913. Mt. Carmel Public Utility Co. delivers electricity and natural gas to Residential and Non-Residential customers in the city of Mt. Carmel, IL, parts of Wabash County and to residents and businesses in the Villages of Allendale, Patton, St. Francisville, Bellmont, Keensburg, and Cowling.

Navopache Electric Cooperative

https://navopache.org/

Formed in 1946, Navopache Electric Cooperative is an electric cooperative nonprofit membership corporation, serving over 39,000 members with over 45,000 meters across the White Mountains of eastern Illinois and western New Mexico. Our service territory is over 10,000 square miles with 3,500 miles of line.

Western Illinois Electrical Coop.

https://wiec.net/

Western Illinois Electrical Coop. is a member-owned electrical cooperative based in Carthage, Illinois. Organized in 1938, WIEC was established to bring the convenience of electricity to the rural areas of Hancock and Henderson Counties. (The service territory now includes portions of Adams and McDonough Counties as well.) Since that time, we have been committed to providing our members (around 3600 currently) the best, most reliable electric and customer service possible There are 7 Cooperative Principles that guide cooperatives and date back to 1844. These principles are the key reason WIEC operates differently from investor-owned electric utilities. One of the principles is that we are owned by those we serve. The members choose who represents them. WIEC is governed by a seven-member board of directors, who are each elected to a three-year staggered term.

Further potential contacts

Solar Power Midwest
Ottawa, IL
+1 844 497 6527
solarpowermidwest.com

Certasun
Buffalo Grove, IL
+1 312 500 7803
certasun.com

Blue Raven Solar
Hanover Park, IL
+1 855 606 0837
blueravensolar.com

EFS Energy
Springfield, IL
+1 844 337 6527
efsenergy.com

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headlinesolar.com

Stateline Solar
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+1 815 580 3011
statelinesolar.net

GRNE Solar
Bloomington, IL
+1 312 859 3417
grnesolar.com

Unity Solar Group
Oak Brook, IL
+1 630 866 8468
unitysolargroup.com

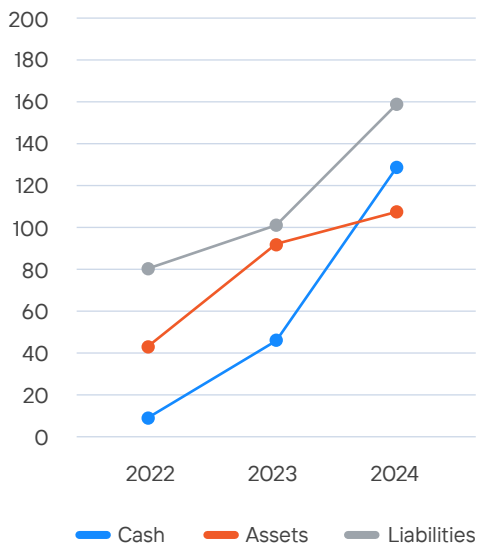
StraightUp Solar
Bloomington, IL
+1 314 218 2663
straightupsolar.com

RxSun
Chicago, IL
+1 800 607 9786
rxsun.com

93Energy LLC
Skokie, IL
+1 773 791 2070
93energy.com

Greenlink Energy Solutions, Inc.
Rockford, IL
+1 779 210 6260
usgreenlink.com

Financials



Balance Sheet

Company name, iLamp Colorado Inc

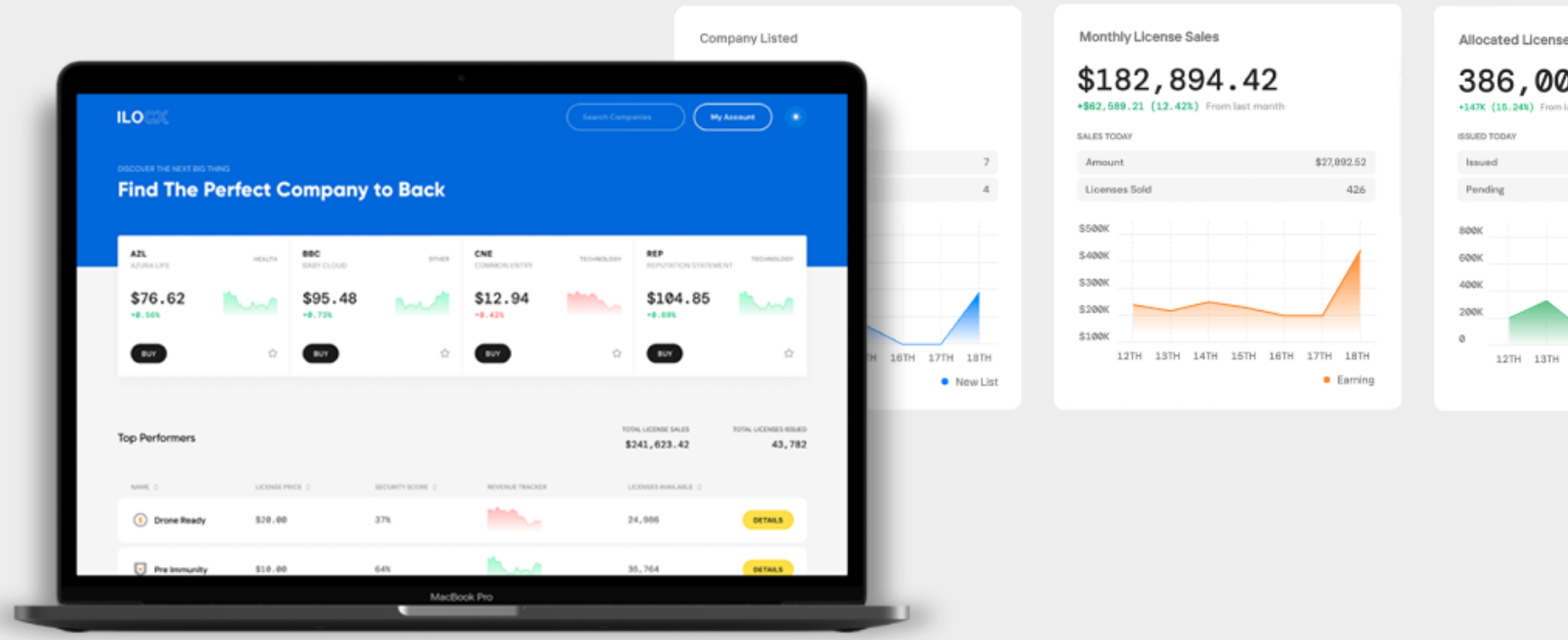
Dec, 31, 202X

Assets

Current Assets			
	Cash	7,314	-392,686
	Accounts receivable		
	Inventory	5,560	5,560
	Prepaid expenses		
	Short-term investments		
	Total current assets	**12,874**	**-387,126**
FIxed (Long-Term) Assets			
	Long-term investment	2,310	102,310
	Property, plant and equipment	14,442	14,442
	(Less accumulated depreciation)	-2,200	-2,200
	Intangible assets		3,000,000
	Total fixed assets	**14,552**	**3,114,552**
Other Assets			
	Deferred income tax		0
	Other		0
	Total other assets	**0**	**0**
Total Assets		**27,426**	**2,727,426**

Liabilities and Owner's Equity

Current Liabilities			
	Accounts payable	9060	9,060
	Short-term loans		0
	Income taxes payable	3349	3,349
	Accrued slaries and wages		0
	Unearned revenue		0
	Current portion of long-term debt		0
	Total current assets	**12,409**	**12,409**
Long-Term Liabilities			
	Long-term debt	3450	2,703,450
	Deferred income tax		
	Other		
	Total fixed assets	**3,450**	**2,703,450**
Owner's Equity			
	Owner's investment	6000	6,000
	Retained earnings	5567	5,567
	Other		
	Total owner's equity	**11,567**	**11,567**
Total Liabilities and Owner's Equity		**27,426**	**2,727,426**



Your ILO listing

List using the ILO Framework to raise money to finance your exclusive iLamp license while building local support and an online sales team to drive pre-sales.

RAISE MONEY AS YOU NEED IT

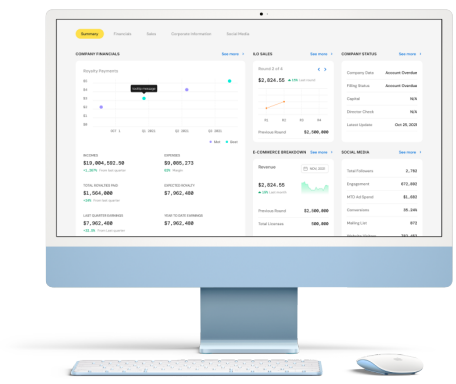
Get access to the funds you need, as you need them, smoothing your fundraising process.

BUILD A TEAM

ILOCX framework helps companies to build effective teams that are properly rewarded.

REWARD PARTICIPATION

Incentivize buyers with ILOCX rewards, your own affiliate program, and license classes.



Listing Requirements

iLamp licenses are prequalified to list and receive an ILO instance and will be priority listed through our streamlined process with a dedicated listing manager.

Listing fees for iLamp licenses are waived for the first year, then only $25,000 per year.

Listings with over $1 million in sales are listed on the board at ILOCX.com.

100+
Total companies listed

Millions
Total licenses issued

10X
Returns already booked