

**NOTICE OF WORK MEETING OF THE
CITY COUNCIL OF THE CITY OF ST. GEORGE,
WASHINGTON COUNTY, UTAH**

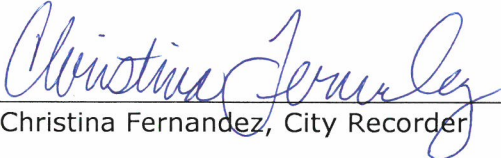
Public Notice

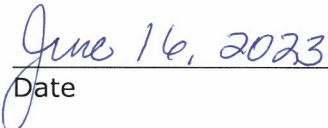
Public notice is hereby given that the City Council of the City of St. George, Washington County, Utah, will hold a work in the Administrative Conference Room at the St. George City Offices located at 175 East 200 North, St. George, Utah, on Thursday, June 22, 2023, commencing at 4:00 p.m.

The agenda for the meeting is as follows:

Call to Order
Invocation
Flag Salute

- 1. Updates from the Energy Services Department.**
- 2. Updates from the Water Services Department.**
- 3. Discussion regarding programming at the Electric Theater Center.**
- 4. Reports and updates from the Mayor, Councilmembers, and City Manager.**
- 5. Request a closed meeting to discuss litigation, security, property acquisition or sale, or the character and professional competence or physical or mental health of an individual.**


Christina Fernandez, City Recorder


Date

REASONABLE ACCOMMODATION: The City of St. George will make efforts to provide reasonable accommodations to disabled members of the public in accessing City programs. Please contact the Human Resources office at 627-4674, at least 24 hours in advance if you have special needs.

Millcreek Battery Project

Reliable energy delivery



St. George



St. George City

- County seat
- Serves community outside of our city boundaries
 - Electric Transmission
 - Regional Wastewater Treatment
 - 9-1-1 Emergency Dispatch
- Provide Electricity to
 - St. George Regional Hospital
 - Switchpoint Poverty Resource Center
 - Dove Crisis Center for Women
 - Shivwits band of Paiutes



St. George

———— Millcreek Generation ———— Battery ———— Reliability Team ———— Next Steps



Millcreek Generation Facility (MCG)

- SGES operates the largest electrical generation in the southern part of Utah
- MCG can cover a large amount of our peak load
- In the case of a catastrophic electrical failure MCG can keep critical facilities fed electrically



St. George — Millcreek Generation — Battery — Reliability Team — Next Steps



Why a battery?

- Single transmission corridor serving most of the county
- Passes through wilderness
- Threat of wildfires
- Other risk exposure of the electrical system
- MCG needs electricity to start up
 - Currently can use the Red Rock Diesel plant
 - Aging, high pollution, high cost to run & maintain



St. George — Millcreek Generation — Battery — Reliability Team — Next Steps



Reliability Team

- Team together to investigate technology and what is available
- Visited with multiple manufacturers
- Reviewed possibility of funding from the Infrastructure Investment & Jobs Act (IIJA)
- Congressman Stewarts office helped us to procure funding of \$1M with a community



St. George — Millcreek Generation — Battery — Reliability Team — Next Steps



What's next?

- Finish Electrical Planning
- Prep Installation site
- Increase electrical security & reliability





LIONENERGY™

BECOME ENERGY INDEPENDENT



We Change the World
by Helping **Individuals, Families
and Organizations** Become Energy
Independent

Lion Energy is dedicated to providing safe, silent, renewable power to customers who want to become **energy independent**.

Our products range from small handheld devices, portable solar generators, and lithium batteries to home and large custom solutions.

We engineer, test and deliver high-quality energy storage products **in the USA** for your home, work and play.

We use advance technology called LionESS™ to help you easily **control** how you store and **use** clean energy, where and when you need it.

This is our vision.
This is our mission.
This is our passion!



POWER AT YOUR FINGERTIPS

Lion solutions range from:

- Hand-held devices
- Portable solar generators
- Lithium LFP batteries for RV & Marine
- Home and large custom applications

Using advance technology called **LionESS™**, we are leading the way with Lithium energy storage technologies that give you power where you need it, when you need it, and how you need it.

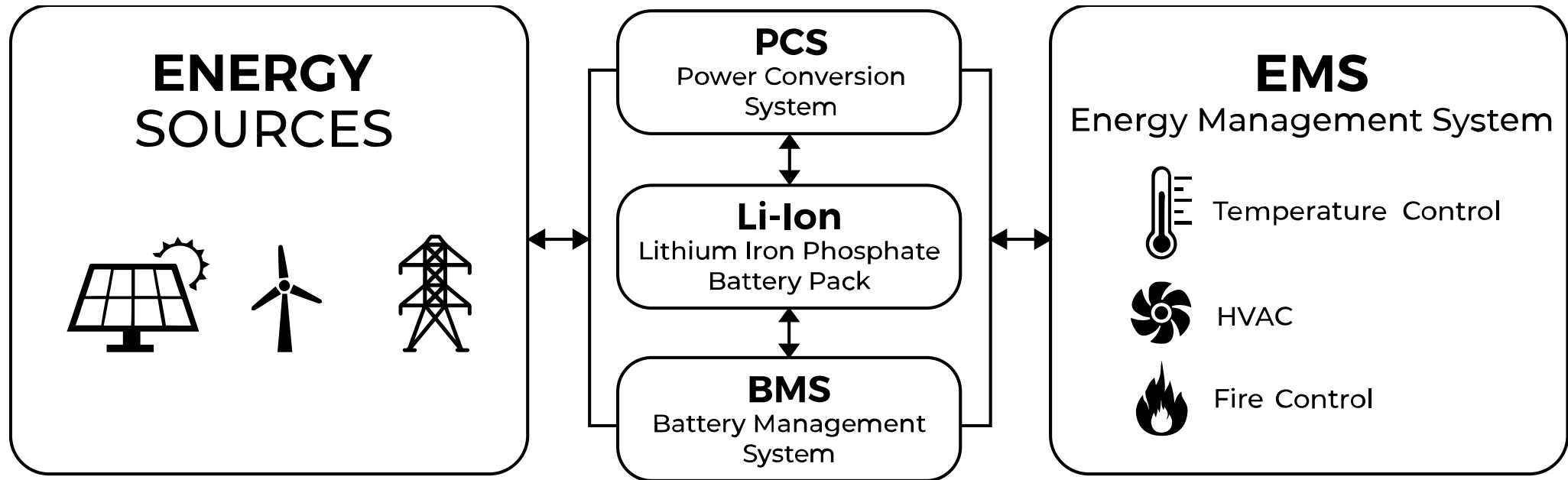




LIONESS™

ENERGY STORAGE SYSTEM

**All Lion Energy Solutions Use Advance Technology
Called LionESS™ and Uses the Lion App**



Lion Commercial / Industrial Products

Strategic Direction

Deliver high-quality high-efficiency systems with or without renewables to power...

Primary Segment

Commercial: Data centers, machine shops, warehousing, food processing, and office buildings.

Industrial: Airports, mining, processing plants, paper mills, and generation.

Customizeable

- ▶ Ranges from 30kW/100kWh to 90kW/190kWh
- ▶ Parallelable to fit your needs



Lion Utility Products

Strategic Direction

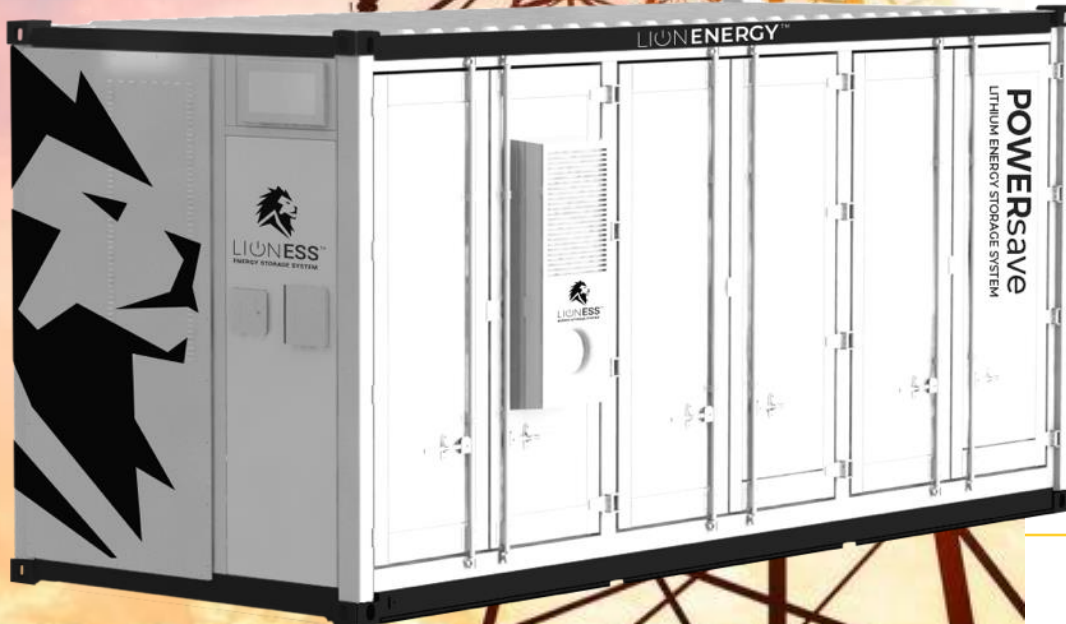
Deliver high-quality high-efficiency systems with or without renewables to power...

Primary Segment

Utility: REA, COOP, municipal, and IOU utilities co-located with renewables and/or adding resilience peak shaving to sub stations.

Customizeable

- ▶ Ranges from 500kW/1000kWh to 1.5MW/3.4MWh
- ▶ Parallelable to fit your needs



BENEFITS OF LIONESS INSIDE HOME AND CUSTOM SOLUTIONS



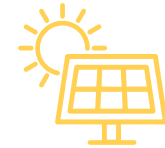
LOAD MANAGEMENT

Accumulate Energy when the demand is low and discharge stored energy during peak times, saving money.



BACKUP POWER / UPS

Supply backup power in case of an electrical grid failure until complete power restoration. Save time and money by eliminating downtime.



RENEWABLE ENERGY INTEGRATION

Open the door to inexpensive electricity continuously available to on-grid, off-grid, and hybrid systems.



POWER SYSTEM RECOVERY CAPABILITY

Based on battery storage, a POWERSave solution can restart after a total shutdown without using external electricity networks. Recover in the shortest time possible.



ENERGY TIME-SHIFT

In areas where electricity prices fluctuate, energy is purchased at a low price during off-peak periods and sold or used when the price increases.



POWER CONDITIONING

Immediately react with current into and out of your power system to protect sensitive equipment correcting Voltage sags and power factor.



WHY PARTNER WITH LION ENERGY

Do business with a trusted leader who values customers and partners, safety and innovation

- ▶ Experienced thought leaders in energy storage and usage
- ▶ Produce high-quality, extremely safe product solutions
- ▶ Educate the marketplace and create demand
- ▶ Establish key partnerships – e.g. American Battery Factory (1st **USA** lithium iron phosphate production and manufacturing)
- ▶ Partner support – marketing assets, social media, training, pricing
- ▶ Exceptional value for customers – safety, longevity, customer service, dependability, convenience, flexibility, warranty, trust

WORLDCLASS ENGINEERING

► Focused Teams

Electrical, Mechanical, Systems, BMS
Development, Technology, Embedded

► Quality

Validation, Automation, Testing, Support



EXCEPTIONAL QUALITY and TESTING

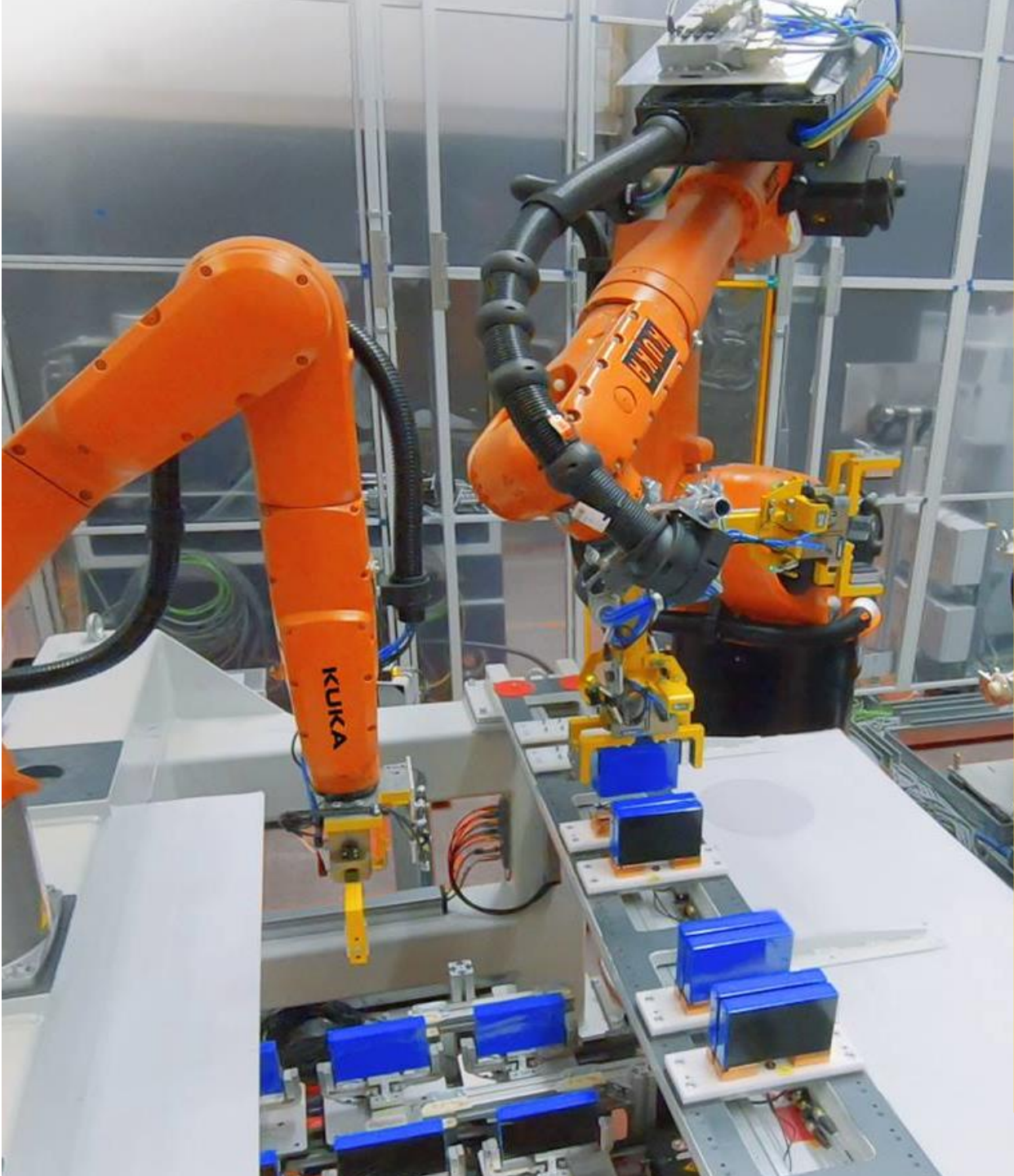
► Proprietary Testing

Lion Energy products go through extensive testing – at our factory and again at our HQ.

Some Key Testing Measures:

- Firmware
- Software
- Wi-Fi
- Grid
- Peak Loads
- Solar
- Outputs
- MPPT's
- Battery Voltage (V)
- Battery Current (A)
- Power (W)
- Discharge (Wh)
- Recharge (Wh)
- Connectivity





MANUFACTURING

- ▶ **Modules**
 - USA designed and engineered
 - Automated production
 - Laser-welded
- ▶ **Battery Pack Production**
 - Assembly and finished goods
- ▶ **Reduced Labor Cost**
 - Competitive advantage

USA ON-SHORE SUPPLY CHAIN

▶ **Raw Materials**

All raw materials from USA

▶ **Processed into LFP Cells**

105,300 Amp Hour

Prismatic design

▶ **Funding**

30% from new IRA law





RioTinto



Honeywell

CELGARD

AsahiKASEI

Polarium



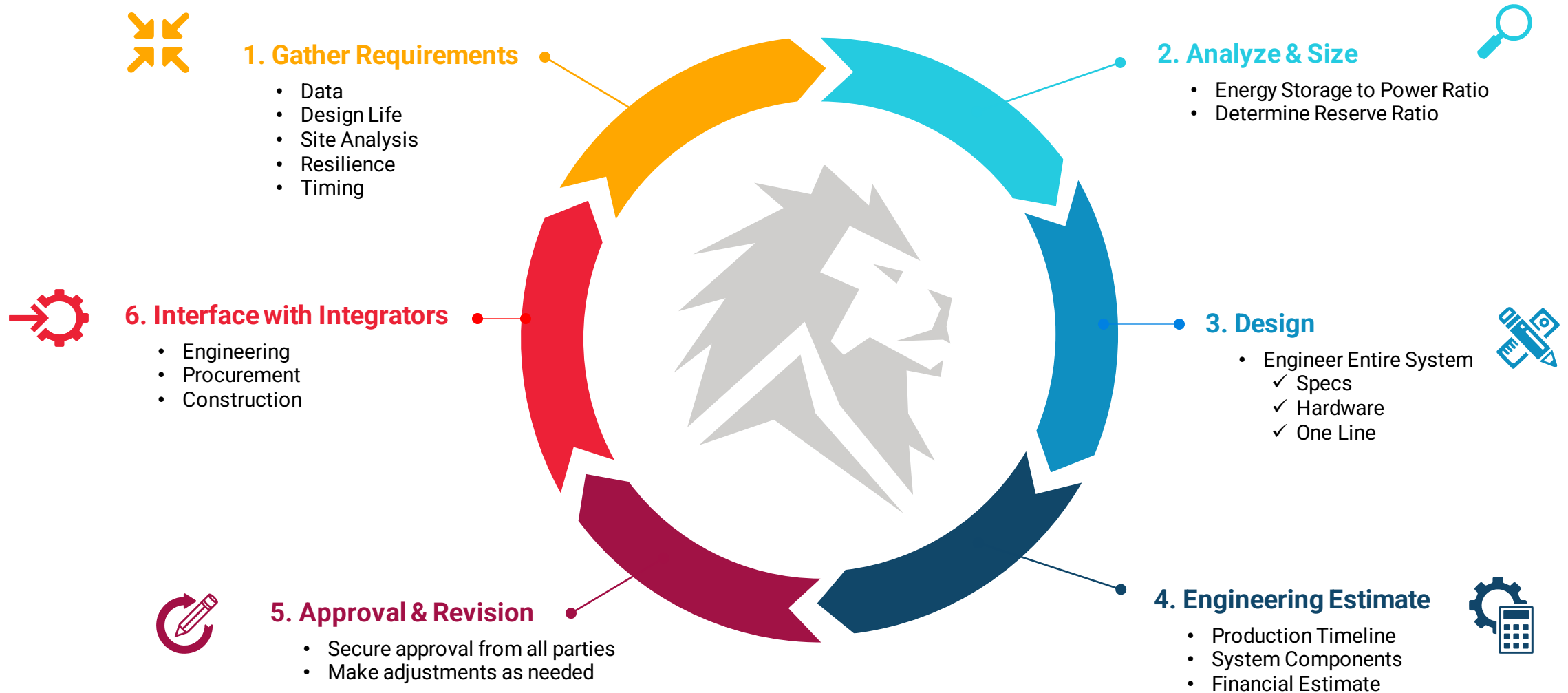
Surround Yourself With Greatness

- ▶ Strategic Partners
- ▶ Off Takes
- ▶ LOI's
- ▶ Suppliers
- ▶ Technology



Custom Engagement Process

Primary Goal: Provide Exact Energy Storage System for Your Needs



Partner With Lion Energy

+1-801-727-9270
LionEnergy.com



Discussion on the Electric Theater Center

Topics

1. Defining the Electric Theater Center (ETC)
1. History and Background
3. What is the Mission?
4. Current and Previous Uses
5. Options and Considerations for Future Use

Center vs Theater

- Theater
- 8 Rental Studios
- 7 Classrooms

- Theater

History and Background

What is the Mission?

- The mission must drive permitted uses
- Once the mission is established, the policy will be prepared
- Possible Mission Statement

Possible Mission Statement

The Electric Theater Center (ETC) serves as a venue for visual and performing arts through collaboration and support of established and emerging artists, arts groups, and arts-focused events by facilitating space for education and access to the arts. The Electric Theater within the ETC provides a venue for arts-focused and other community events.

Current and Prior Use

- Theater
 - Residency
- Studios
- Classrooms/Class space



Artist Studio/Office Space



Classrooms



Dance Studio

Options and Considerations for Future Use

- Any lawful activity vs. Solely art-focused
- Art-focused means:
fine, visual, music, literature, film, dance, theater
- Pros and cons of each option
- Remember – the mission statement drives the permitted use

Current Fee Schedule

Current							
<u>Electric Theater</u> 68 E. Tabernacle St. St. George, UT 84770 Available 8:00 a.m. - 11:00 p.m. Monday through Saturday		MONTHLY					
<u>Studio Space</u>	Individual Artists	\$150					
	Non-profit arts organizations	\$150					
<u>Gallery Space</u>		\$100					
<u>Class rooms</u>		MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	City programing	No Charge					
	ETC Center Residency Program Members	\$5/Hour for 240 hour residency \$10/Hour for 60 hour residency					
	Non-Profit	\$15/Hour					
	Standard usage	\$30/Hour					
<u>Electric Theater</u>	Refundable Deposit \$250 Includes 1 technician; sound or light, as determined by city staff. Additional staff fees above the included @ \$25/hour Minimum of 2 hour booking \$25 fee if booking within 2 weeks of event	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	City programming	No Charge					
	Standard usage	\$120/Hour					
	Non-Profit	\$80/Hour					
	Theater Residency Program Members	\$40/Hour					

Proposed Fee Schedule

Proposed							
<u>Electric Theater</u> 68 E. Tabernacle St. St. George, UT 84770 Available 8:00 a.m. - 11:00 p.m. Monday through Saturday		MONTHLY					
<u>Studio Space</u>	Individual Artists	\$150					
	Non-profit arts organizations	\$200					
<u>Gallery Space</u>		\$100					
<u>Class rooms</u>		MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	City programing	No Charge					
	ETC Theater Residency Program Members	\$6/Hour					
	Commercial Use	\$20/Hour					
	Private Use/ Non-Profit	\$40/Hour					
<u>Electric Theater</u>	Refundable Deposit \$250 Includes 1 technician; sound or light, as determined by city staff. Additional staff fees above the included @ \$25/hour Minimum of 2 hour booking \$25 fee if booking within 2 weeks of event	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	City programming	No Charge					
	Commercial Use	\$150/Hour					
	Private Use/ Non-Profit	\$100/Hour					
	Theater Residency Program Members	\$40/Hour					

What Does City Council Recommend?