



## Agenda

**COMMITTEE OF THE WHOLE  
GOVERNING BODY  
CITY OF LENEXA, KANSAS  
17101 W. 87TH STREET PARKWAY**

**AUGUST 27, 2024  
7:00 PM  
COMMUNITY FORUM**

### CALL TO ORDER

### ROLL CALL

### APPROVE MINUTES

July 9, 2024 Committee of the Whole meeting draft minutes (located in the Appendix)

### DISCUSSION

1. Lenexa Outdoor Pools Report
2. Ad Astra Pool Reconstruction Project Update
3. Municipal Services HQ Solar Panel Installation

### ADJOURN

### APPENDIX

4. July 9, 2024 Committee of the Whole meeting draft minutes
5. Item 1 -- Lenexa Outdoor Pools Report Presentation
6. Item 2 -- Ad Astra Pool Reconstruction Project Update Presentation
7. Item 3 -- Solar Energy Overview Presentation

Dist. Governing Body; Management Team; Agenda & Minutes Distribution List

IF YOU NEED ANY ACCOMMODATIONS FOR THE MEETING, PLEASE CONTACT THE CITY ADA COORDINATOR, 913/477-7550. KANSAS RELAY SERVICE 800/766-3777. PLEASE GIVE 48 HOURS NOTICE

ASSISTIVE LISTENING DEVICES ARE AVAILABLE FOR USE IN THE COMMUNITY FORUM BY REQUEST.



**COMMITTEE OF THE WHOLE  
MEMORANDUM**

**ITEM 1**

---

**SUBJECT:** Lenexa Outdoor Pools Report

**CONTACT:** Mandy Danler, Assistant Parks & Recreation Director

**DATE:** August 27, 2024

---

**PROJECT BACKGROUND/DESCRIPTION:**

Staff will present information about the 2024 outdoor aquatic season and the successful opening and operation of Sar-Ko-Par Aquatic Center. The presentation will cover outdoor aquatic memberships, programming, rentals, staffing, and drop-in programs.

**ATTACHMENTS**

1. Presentation located in the Appendix



**COMMITTEE OF THE WHOLE  
MEMORANDUM**

**ITEM 2**

---

**SUBJECT:** Ad Astra Pool Reconstruction Project Update

**CONTACT:** Logan Wagler, Parks & Recreation Director

**DATE:** August 27, 2024

---

**PROJECT BACKGROUND/DESCRIPTION:**

Staff and SFS Architecture will present an update on the progress and findings of the public engagement process for Ad Astra Pool reconstruction. There has been an expansive public engagement process which included two open houses and two separate online surveys to gather community input regarding needs and priorities for Ad Astra Pool. Through the engagement, the design team created two potential concepts that are within budget and will be shared during the presentation.

**ATTACHMENTS**

1. Presentation located in the Appendix



**COMMITTEE OF THE WHOLE  
MEMORANDUM**

**ITEM 3**

---

**SUBJECT:** Municipal Services HQ Solar Panel Installation

**CONTACT:** Nick Arena, Municipal Services Director

**DATE:** August 27, 2024

---

**PROJECT BACKGROUND/DESCRIPTION:**

Staff proposes to fund solar panel installation at Municipal Services HQ using the Sustainability Initiatives project in the 2024-2026 Capital Improvement Program (CIP). Earlier this spring, staff solicited quotes from three solar design and installation firms to do the work. SunSmart Technologies, a local company specializing in this work, was selected pursuant to that process. Before seeking approval of a purchase and installation contract, staff asked SunSmart to provide the City Council with an overview of this type of installation, as well as the potential for energy savings and federal rebates which can be used to partially replenish the Sustainability Initiatives CIP project for other uses.

**ATTACHMENTS**

1. Presentation located in the Appendix

# APPENDIX



**MINUTES OF THE  
JULY 9, 2024  
LENEXA COMMITTEE OF THE WHOLE MEETING  
COMMUNITY FORUM, 17101 W 87<sup>th</sup> STREET PARKWAY  
LENEXA, KS 66219**

**CALL TO ORDER**

Mayor Sayers called the meeting to order at 7 PM.

**ROLL CALL**

Councilmembers Karlin, Eiterich, Nicks, Arroyo, Williamson, Denny, and Herron were present with Mayor Sayers presiding. Councilmember Charlton was absent.

Staff present included Beccy Yocham, City Manager; Todd Pelham, Deputy City Manager; Mike Nolan, Assistant City Manager; Scott McCullough, Community Development Director; Sean McLaughlin, City Attorney; Jennifer Martin, City Clerk; and other City staff.

**APPROVE MINUTES**

*Councilmember Karlin made a motion to approve the June 25, 2024 Committee of the Whole meeting draft minutes and Councilmember Denny seconded the motion. Motion passed unanimously.*

**DISCUSSION**

1. FY 2025 Recommended Budget - Fund/Department Review

Nate Blum, Chief Financial Officer, said that this meeting is for the department and fund review for the recommended FY 2025 budget.

Staff presented each department's proposed budget, including accomplishments from 2023, objectives for 2024-25, and any major budget changes for 2025.

Councilmember Nicks asked about the reserves being included in the operating budgets with the expenditures and Mr. Blum explained the state's reporting requirements. He said that the budget document includes a breakout of the reserves. He also said that his budget overview presentation had included some slides to show that breakout.

Mr. Blum reviewed the Special Highway, Special Alcohol, Special Parks & Recreation, Tourism & Convention, Parks & Recreation Impact Fee, Street Tree, Transportation Improvement Plan, and Neighborhood Revitalization funds. He said he would not review the Tax Increment Financing (TIF) or Community Improvement District (CID) funds unless there were questions and there were none.

Mr. Blum said that on July 16<sup>th</sup> the Governing Body would consider a resolution to set public hearings for August 20<sup>th</sup> regarding exceeding the RNR and approving the budget and setting the maximum budget and mill levy amounts. He said the City would host a Budget Open House at City Hall on August 15<sup>th</sup>.

Beccy Yocham, City Manager, said that dates would be forthcoming for tours of SafeHome and reStart and to watch for an email containing that information.

**ADJOURN**

Mayor Sayers adjourned the meeting at 8:38 PM.

LENEXA  
OUTDOOR POOLS  
SUMMER 2024

---



# SUCCESSSES

- Opened and operated Sar-Ko-Par Aquatic Center.
  - **Hit Capacity Opening Weekend**
- Trained and employed 211 lifeguard staff for four aquatic facilities.
- Expanded Splash with Me Program at Sar-Ko-Par
- Integrated program revenue into facility budget to obtain cost recovery.
- Met Cost Recovery Goals at Sar-Ko-Par



# OUTDOOR POOL MEMBERSHIPS



**Total Members**  
**4,586**



**Total Members**  
**3,147**



**Total Members**  
**7,110**

# POOL VISITS



Outdoor Pools	2022	2023	2024
Sar-Ko-Par Aquatic Center	28,211	closed	58,022
Ad Astra Pool	9,310	17,391	11,763
Flat Rock Pool	11,960	15,488	13,447

**Membership Visits = 40,543**

**Daily Pass Visits = 42,719**

# SAR-KO-PAR AQUATIC CENTER PROGRAMMING



- *Swim Lessons*
- *Lenexa Lasers Swim & Dive Team*
- *Splash with Me*



# SPLASH WITH ME

- Splash with Me – 10:00 am – 11:30 am
  - Sar-Ko-Par  
Monday – Saturday  
**4,750**
  - Flat Rock Creek  
Monday – Friday

	Participants
2024	472
2023	747
2022	827
2021	728



# ADDITIONAL PROGRAMMING

## BIRTHDAY PARTIES - 2024

Ad Astra Pool	Flat Rock Pool	Sar-Ko-Par Aquatic Center
1	4	115

## 2018-2023 BIRTHDAY PARTIES

**68** (2020 no parties)



# FACILITY RENTALS

Ad Astra Pool	Flat Rock Pool	Sar-Ko-Par Aquatic Center	Totals
7	2	3	12
		2023	7
		2022	3
		2021	1



*Numbers exclude Blazers Swim Team*

# EVENTS – MOVIE IN THE POOL

First Annual  
Movie in the Pool  
July 26



# EVENTS – PAWS IN THE POOL



- 154 Dogs participated along with many human participants.
- FRC 2025 site while Ad Astra is closed.



# AQUATIC STAFF

- **211** Lifeguards for the 2024 Summer Season
- **128** lifeguards will continue working during the 2024-2025 School year.
  - Double the number of Active Lifeguards from last year

Position	2022	2023	2024
Pool Managers	10	7	11
Head Lifeguards	7	11	16
Lifeguards	135	154	211
Cashiers	35	28	63
Total	187	200	301

# SAVES AND FIRST AID RESPONSES

	Ad Astra Pool	Flat Rock Pool	Sar-Ko-Par Aquatic Center
Saves	5	2	35
First Aid Responses	31	12	166



# FLAT ROCK CREEK COST RECOVERY

Revenues Consist of:

- 16% of memberships
- Day Pass Sales
- Rentals
- Birthday Parties
- Concessions
- Splash with Me

**36%**

# AD ASTRA COST RECOVERY

Revenues Consist of:

- 13% of memberships
- Day Pass Sales
  - Day Camps
- Rentals
- Birthday Parties
- Concessions
- Swim Lessons



**37%**

# SAR-KO-PAR AQUATIC CENTER COST RECOVERY

Revenues Consist of:

- 71% of memberships
- Day Pass Sales
- Rentals
- Birthday Parties
- Concessions
- Swim & Dive Team
- Swim Lessons
- Splash with Me

**117%**

# TOTAL OUTDOOR POOL COST RECOVERY

**91%**

# Questions?

---





# Ad Astra Pool Reconstruction Project Update

August 27, 2024

# Project Team

- **City of Lenexa**
- **SFS Architecture, Project Lead/Architect of Record**
  - Water Technology Incorporated, Aquatics Designer
  - Confluence, Landscape Architecture
  - GBA Engineering, Civil Engineering
- **Prosser Wilbert, Construction Manager**

# Project Advisory Committee

- **Lenexa City Council Members**
  - Melanie Arroyo, Ward 3
  - Chelsea Williamson, Ward 3
- **Lenexa Citizen / Ad Astra Coalition Leadership Members**
  - Judi Derks
  - Mike Stein
  - Laurel Joyce
  - Marie Riley

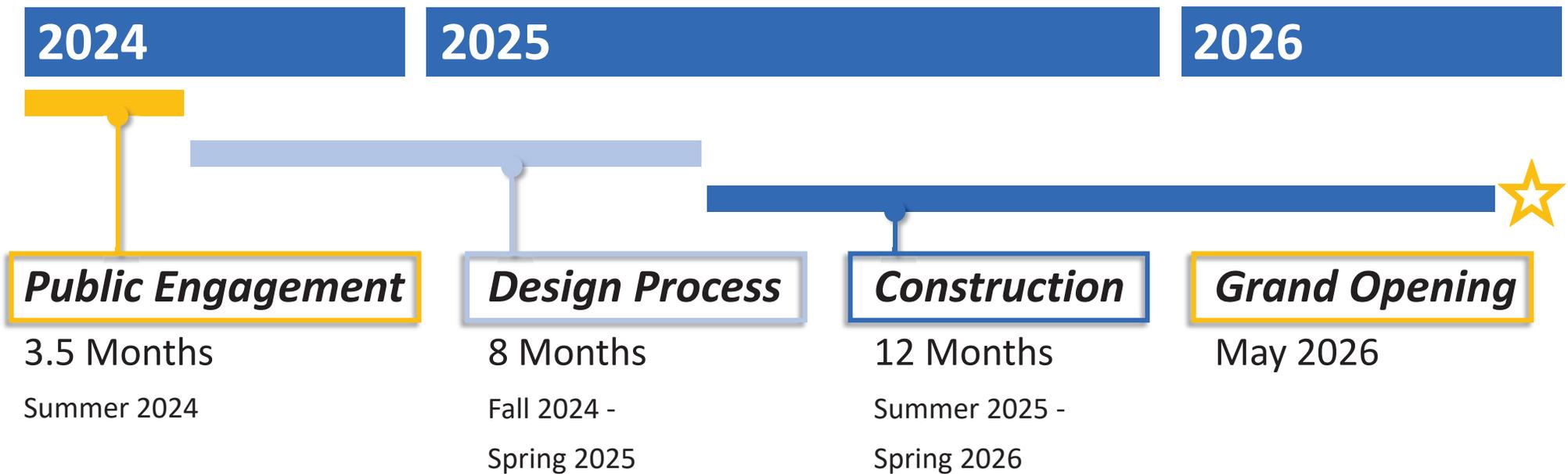
# Project Budget

**Total Project Budget: \$10M**

\$8M Pool

\$2M Site (including any soil remediation)

# Overall Project Schedule



# Engagement Schedule

June

July

August

September

## ***Open House #1***

**June 13<sup>th</sup>**

- SurveyMonkey #1
- Pop-up at Sar-Ko-Par

## ***Open House #2***

**July 24<sup>th</sup>**

- SurveyMonkey #2
- Pop-up at Ad Astra
- Pop-up at Flat Rock Creek

## ***Open House #3***

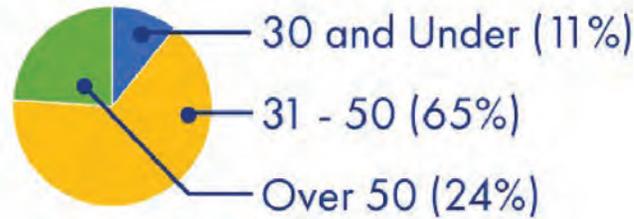
**Sept 11<sup>th</sup>**

- SurveyMonkey #3

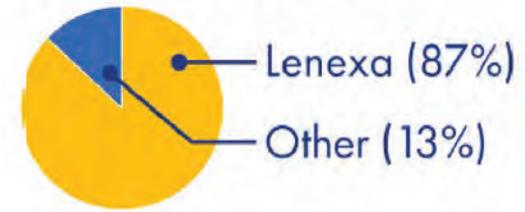
# Survey Respondent Demographics



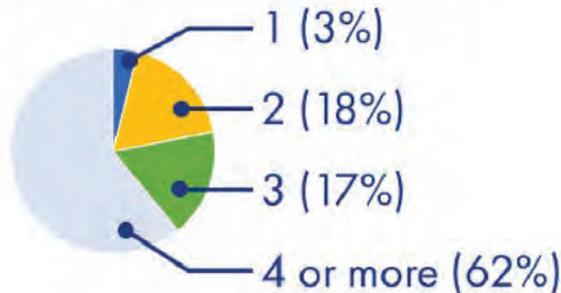
## AGE



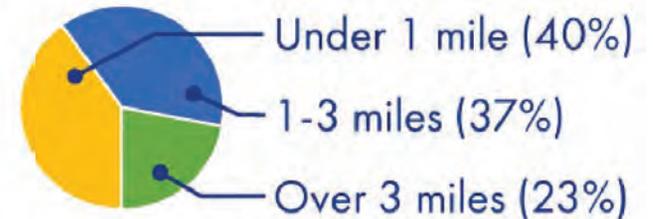
## CITY OF RESIDENCE



## PEOPLE IN HOUSEHOLD



## DISTANCE FROM AD ASTRA



# Community Engagement Summary

## 1 June Engagement

- 📅 June 7 - June 20
- 👥 818 Online, 49 In Person
- 📍 1 Pop-Up Event at Lenexa Pool

Pool Types		No. of Votes	
1	ZERO DEPTH ENTRY POOL		532
2	SOCIAL ACTIVITY POOL		373
3	LAP POOL		365
4	DEEP WATER POOL		335
5	CURRENT CHANNEL		329

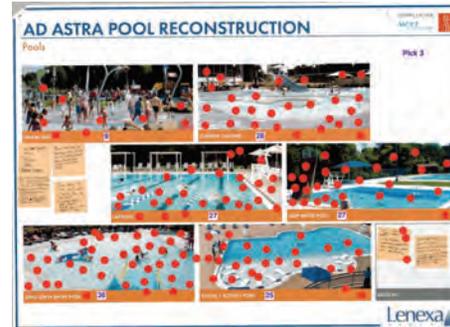
Amenities		No. of Votes	
1	LARGE SHADE STRUCTURE		561
2	UNDERWATER BENCHES		475
3	DIVING BOARDS		463
4	SUN SHELF		419
5	WATER CROSSING	331	

Programming		No. of Votes	
1	OPEN SWIM TIME		395
2	SWIM LESSONS		359
3	MOVIE-NIGHT AT THE POOL		353
4	ADULT SWIM TIME		283
5	RECREATIONAL LAP SWIMMING	269	

### Key Takeaways from Comments

- Beloved characteristics of the current Ad Astra Pool include: ample room to swim, calm and relaxing, lap swimming, gracious deck and green space
- Accessibility is lacking, especially across site
- Bathhouse is outdated in amenities and configuration
- More shade is desired



# Community Engagement Summary

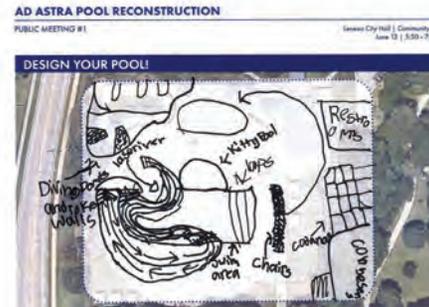
## 1 June Engagement

- June 7 - June 20
- 818 Online, 49 In Person
- 1 Pop-Up Event at Lenexa Pool

Pool Types	Top 5		
	Rank	Name	No. of Votes
Pool Types	1	ZERO DEPTH ENTRY POOL	532
	2	SOCIAL ACTIVITY POOL	373
	3	LAP POOL	365
	4	DEEP WATER POOL	335
	5	CURRENT CHANNEL	329
Amenities	1	LARGE SHADE STRUCTURE	561
	2	UNDERWATER BENCHES	475
	3	DIVING BOARDS	463
	4	SUN SHELF	419
	5	WATER CROSSING	331
Programming	1	OPEN SWIM TIME	395
	2	SWIM LESSONS	359
	3	MOVIE-NIGHT AT THE POOL	353
	4	ADULT SWIM TIME	283
	5	RECREATIONAL LAP SWIMMING	269

### Key Takeaways from Comments

- Beloved characteristics of the current Ad Astra Pool include: ample room to swim, calm and relaxing, lap swimming, gracious deck and green space
- Accessibility is lacking, especially across site
- Bathhouse is outdated in amenities and configuration
- More shade is desired



# Community Engagement Summary

## 1 June Engagement

📅 June 7 - June 20

👥 818 Online, 49 In Person

📍 1 Pop-Up Event at Lenexa Pool

Pool Types		
1	ZERO DEPTH ENTRY POOL	532
2	SOCIAL ACTIVITY POOL	373
3	LAP POOL	365
4	DEEP WATER POOL	335
5	CURRENT CHANNEL	329

Amenities		
1	LARGE SHADE STRUCTURE	561
2	UNDERWATER BENCHES	475
3	DIVING BOARDS	463
4	SUN SHELF	419
5	WATER CROSSING	331

Programming		
1	OPEN SWIM TIME	395
2	SWIM LESSONS	359
3	MOVIE-NIGHT AT THE POOL	353
4	ADULT SWIM TIME	283
5	RECREATIONAL LAP SWIMMING	269

### Key Takeaways from Comments

- Beloved characteristics of the current Ad Astra Pool include: ample room to swim, calm and relaxing, lap swimming, gracious deck and green space
- Accessibility is lacking, especially across site
- Bathhouse is outdated in amenities and configuration
- More shade is desired



SurveyMonkey		
Pool Types		
1	ZERO DEPTH ENTRY POOL	496
2	SOCIAL ACTIVITY POOL	348
3	LAP POOL	338
4	DEEP WATER POOL	308
5	CURRENT CHANNEL	301
6	SPLASH PAD	299
Amenities		
1	LARGE SHADE STRUCTURE	520
2	UNDERWATER BENCHES	456
3	DIVING BOARDS	432
4	SUN SHELF	399
5	WATER CROSSING	313
13	TODDLER SLIDES	194
14	DECLINATIVE WATERFALL	178
Programming		
1	OPEN SWIM TIME	361
2	SWIM LESSONS	327
3	MOVIE-NIGHT AT THE POOL	319
4	ADULT SWIM TIME	274
5	RECREATIONAL LAP SWIMMING	251
7	WATER AEROBICS	162
8	BIRTHDAY PARTY RENTALS	141
Design Theme		
1	BEACH	331
2	COSMOS	242
3	PRAIRIE	212

In-person		
Pool Types		
1	ZERO DEPTH ENTRY POOL	36
2	CURRENT CHANNEL	28
3	LAP POOL (TIED)	27
3	DEEP WATER POOL (TIED)	27
5	SOCIAL ACTIVITY POOL	25
6	SPLASH PAD	9
Amenities		
1	LARGE SHADE STRUCTURE	41
2	DIVING BOARDS	31
3	SUN SHELF (TIED)	20
3	WATER SLIDE (TIED)	20
5	UNDERWATER BENCHES	19
13	PLAY STRUCTURES	7
14	TODDLER SLIDES	6
Programming		
1	OPEN SWIM TIME	40
2	MOVIE-NIGHT AT THE POOL	34
3	SWIM LESSONS	32
4	RECREATIONAL LAP SWIMMING	24
5	WATER AEROBICS	10
7	ADULT SWIM TIME	9
8	BIRTHDAY PARTY RENTALS	9
Design Theme		
1	COSMOS	29
2	BEACH	17
3	PRAIRIE	7

# Community Engagement Summary

## 2 July Engagement

July 17 - August 1

952 Online, 48 In Person

2 Pop-Up Events at Lenexa Pools

Preferred Concept



- Overwhelming favorite (53%)
- Only concept with current channel

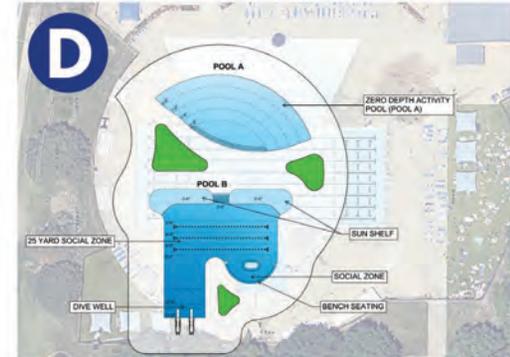
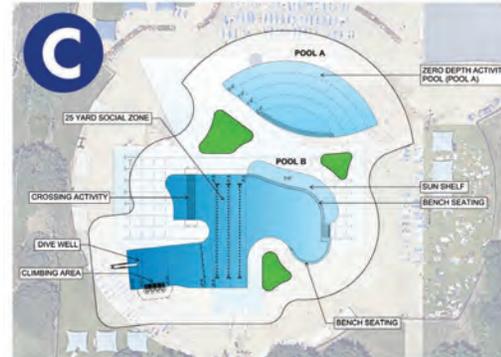
Top Amenities

1	ZERO DEPTH ENTRY	58%
2	OPEN WATER AREA	57%
3	UNDERWATER BENCHES	49%
4	CURRENT CHANNEL	48%
5	DIVING WATER AREA	46%
6	SUN SHELF	38%
7	CROSSING ACTIVITY	37%
8	SHALLOW WATER PLAY AREA	34%
9	CLIMBING WALL	22%

SELECTED AS FAVORITE AMENITY

### Key Takeaways from Comments

- Increase open swim area over extra features
- Strong preference to combine pools
- Zero-depth area is not deep enough at 24"
- Missing 24" to 36" water depth
- Include a sprayground, but only if it doesn't impact pool size



# Community Engagement Summary

## 2 July Engagement

July 17 - August 1

952 Online, 48 In Person

2 Pop-Up Events at Lenexa Pools

Preferred Concept



- Overwhelming favorite (53%)
- Only concept with current channel

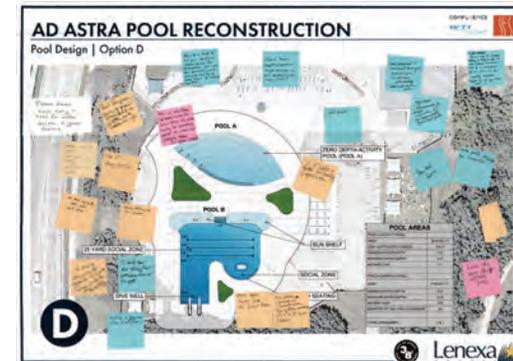
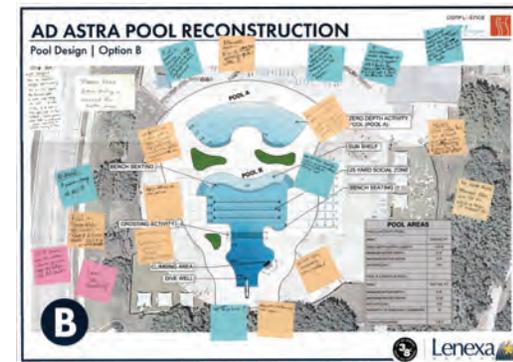
Top Amenities

1	ZERO DEPTH ENTRY	58%
2	OPEN WATER AREA	57%
3	UNDERWATER BENCHES	49%
4	CURRENT CHANNEL	48%
5	DIVING WATER AREA	46%
6	SUN SHELF	38%
7	CROSSING ACTIVITY	37%
8	SHALLOW WATER PLAY AREA	34%
9	CLIMBING WALL	22%

SELECTED AS FAVORITE AMENITY

### Key Takeaways from Comments

- Increase open swim area over extra features
- Strong preference to combine pools
- Zero-depth area is not deep enough at 24"
- Missing 24" to 36" water depth
- Include a sprayground, but only if it doesn't impact pool size



# Community Engagement → Concepts

## 1 June Engagement

- 📅 June 7 - June 20
- 👥 818 Online, 49 In Person
- 📍 1 Pop-Up Event at Lenexa Pool

Top 5

Pool Types	Rank	Name	No. of Votes
1	1	ZERO DEPTH ENTRY POOL	532
2	2	SOCIAL ACTIVITY POOL	373
3	3	LAP POOL	365
4	4	DEEP WATER POOL	335
5	5	CURRENT CHANNEL	329

Amenities

1	LARGE SHADE STRUCTURE	561
2	UNDERWATER BENCHES	475
3	DIVING BOARDS	463
4	SUN SHELF	419
5	WATER CROSSING	331

Programming

1	OPEN SWIM TIME	395
2	SWIM LESSONS	359
3	MOVIE-NIGHT AT THE POOL	353
4	ADULT SWIM TIME	283
5	RECREATIONAL LAP SWIMMING	269

## 2 July Engagement

- 📅 July 17 - August 1
- 👥 952 Online, 48 In Person
- 📍 2 Pop-Up Events at Lenexa Pools

### Preferred Concept



- Overwhelming favorite (53%)
- Only concept with current channel

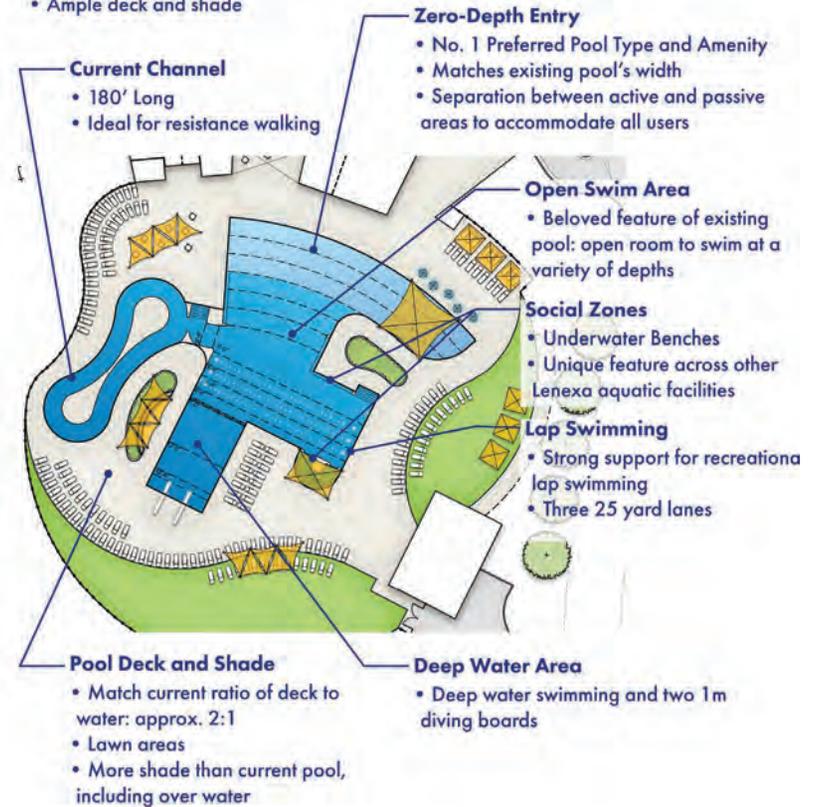
Top Amenities

Rank	Amenity	Percentage
1	ZERO DEPTH ENTRY	58%
2	OPEN WATER AREA	57%
3	UNDERWATER BENCHES	49%
4	CURRENT CHANNEL	48%
5	DIVING WATER AREA	46%
6	SUN SHELF	38%
7	CROSSING ACTIVITY	37%
8	SHALLOW WATER PLAY AREA	34%
9	CLIMBING WALL	22%

AS SELECTED AS FAVORITE AMENITY

## 3 Resulting Concept - Option A

- Simple, open-water configuration
- Combined layout provides same functionality as existing pool: zero depth to deep water
- Laid-back amenities
- Ample deck and shade



# Community Engagement → Concepts

## 1 June Engagement

- 📅 June 7 - June 20
- 👥 818 Online, 49 In Person
- 📍 1 Pop-Up Event at Lenexa Pool

Top 5

Pool Types	Rank	Name	No. of Votes
1	1	ZERO DEPTH ENTRY POOL	532
2	2	SOCIAL ACTIVITY POOL	373
3	3	LAP POOL	365
4	4	DEEP WATER POOL	335
5	5	CURRENT CHANNEL	329

Amenities

1	LARGE SHADE STRUCTURE	561
2	UNDERWATER BENCHES	475
3	DIVING BOARDS	463
4	SUN SHELF	419
5	WATER CROSSING	331

Programming

1	OPEN SWIM TIME	395
2	SWIM LESSONS	359
3	MOVIE-NIGHT AT THE POOL	353
4	ADULT SWIM TIME	283
5	RECREATIONAL LAP SWIMMING	269

## 2 July Engagement

- 📅 July 17 - August 1
- 👥 952 Online, 48 In Person
- 📍 2 Pop-Up Events at Lenexa Pools

Preferred Concept



- Overwhelming favorite (53%)
- Only concept with current channel

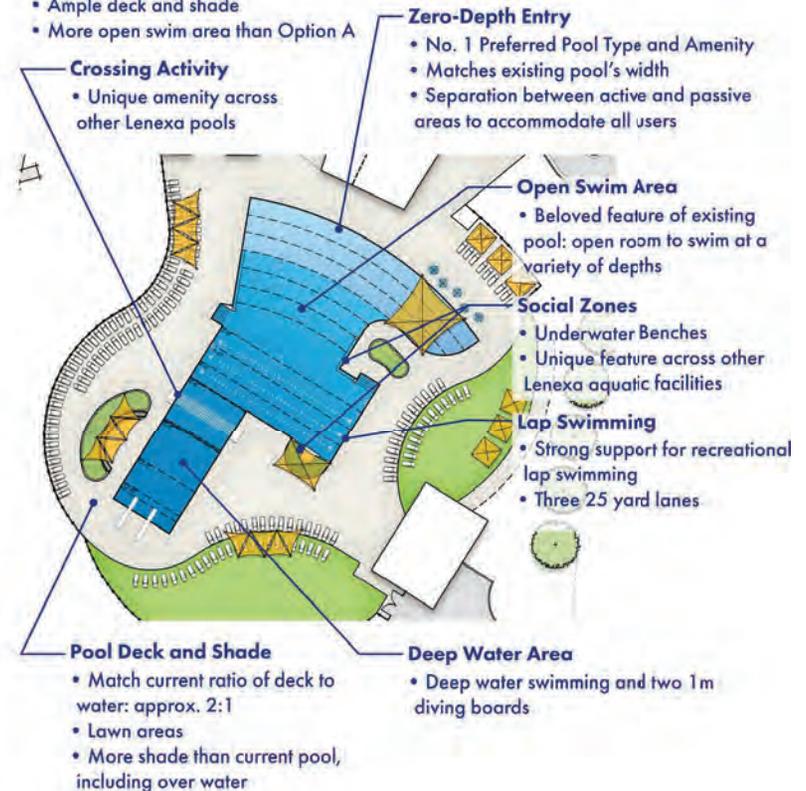
Top Amenities

Rank	Amenity	Percentage
1	ZERO DEPTH ENTRY	58%
2	OPEN WATER AREA	57%
3	UNDERWATER BENCHES	49%
4	CURRENT CHANNEL	48%
5	DIVING WATER AREA	46%
6	SUN SHELF	38%
7	CROSSING ACTIVITY	37%
8	SHALLOW WATER PLAY AREA	34%
9	CLIMBING WALL	22%

AS SELECTED AS FAVORITE AMENITY

## 3 Resulting Concept - Option B

- Simple, open-water configuration
- Combined layout provides same functionality as existing pool: zero depth to deep water
- Laid-back amenities
- Ample deck and shade
- More open swim area than Option A





### Concept A

Pool Area	9,959 SF
Current Channel Length	184 Lin. FT
Social Zone	241 SF
Min. Water Depth	0'-0"
Max. Water Depth	12'-6"
Bather Load (Max.)	399



### Concept B

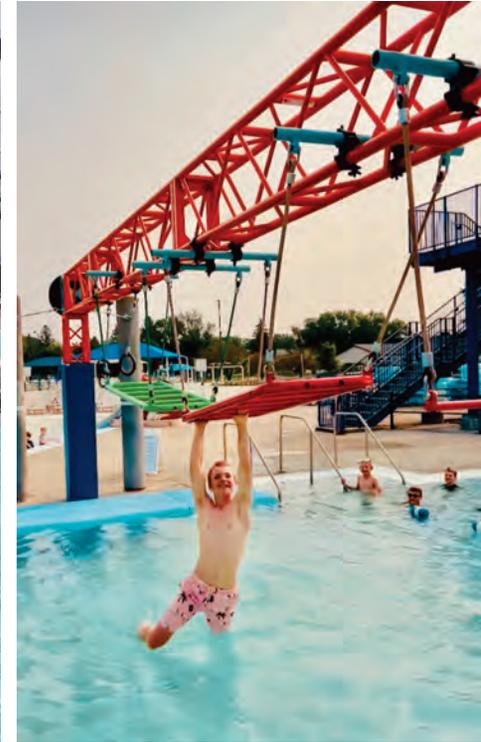
Pool Area	9,828 SF
Current Channel Length	0 Lin. FT
Social Zone	224 SF
Min. Water Depth	0'-0"
Max. Water Depth	12'-6"
Bather Load (Max.)	394

# Concept Options

# Current Channel



# Water Crossing



# Next Steps

## **SurveyMonkey #3** (September 4<sup>th</sup> – 18<sup>th</sup>)

- Includes Demographic Questions (same as #1 and #2)
- Intended to provide the same information and solicit the same feedback as the Community Meeting.

## **Community Meeting #3** (September 11th)

- Data & Information Sharing
  - Pool vs Deck Ratio Information (repeat from #2)
  - What we have heard and what we have learned to develop the proposed concepts.
- Concept A vs B Preference (each concept is approximately 9,900 SF)
  - Current Channel vs Crossing Activity with more open water
  - General feedback and discussion on the concepts and priorities

# Next Steps

## **Fall 2024**

- Demolition and Removal of Existing Pool, Deck, and Bathhouse
- Geotechnical exploration and recommendations

## **Fall 2024 – April 2025**

- Final Design and Construction Documents

## **May 2025 – April 2026**

- Construction of new Ad Astra Pool

## **May 2026: Grand *re*Opening**

# Questions?



# The Future of Energy

---

Solar Energy Overview



---

# Who I am

---

- Industry veteran
  - Over 18 years as an energy professional
- 12 years in KC growing the largest active solar energy provider
- Mechanical Engineer
  - concentration of Energy & Environment
- Various engineering, energy, and construction related certifications/licenses in the Midwest, Colorado & California



# Who I Represent

- Established in 2012, celebrating twelve years of success
- Target Markets:
  - City & State Governments
  - Commercial & Industrial
  - Nonprofits & Institutional
- More than 1,900 satisfied clients
- **Vision**
  - Empowering resilient communities by engineering creative solutions designed for long-lasting impact
- **Mission**
  - Clean Energy for All!



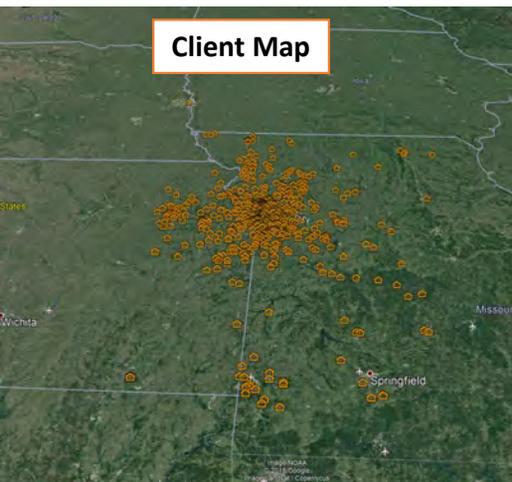
Basehor City Hall



OP Fire Dept.



OP Police Dept.



Client Map



OP Parks Dept.

# Our Approach

---

- Engineering led
- Customized & Optimized
- Future Vision and Growth Strategy
  - Staying ahead of the market
  - Proactive vs reactive
- Complete Turnkey Operation and Service





## Why We are Here

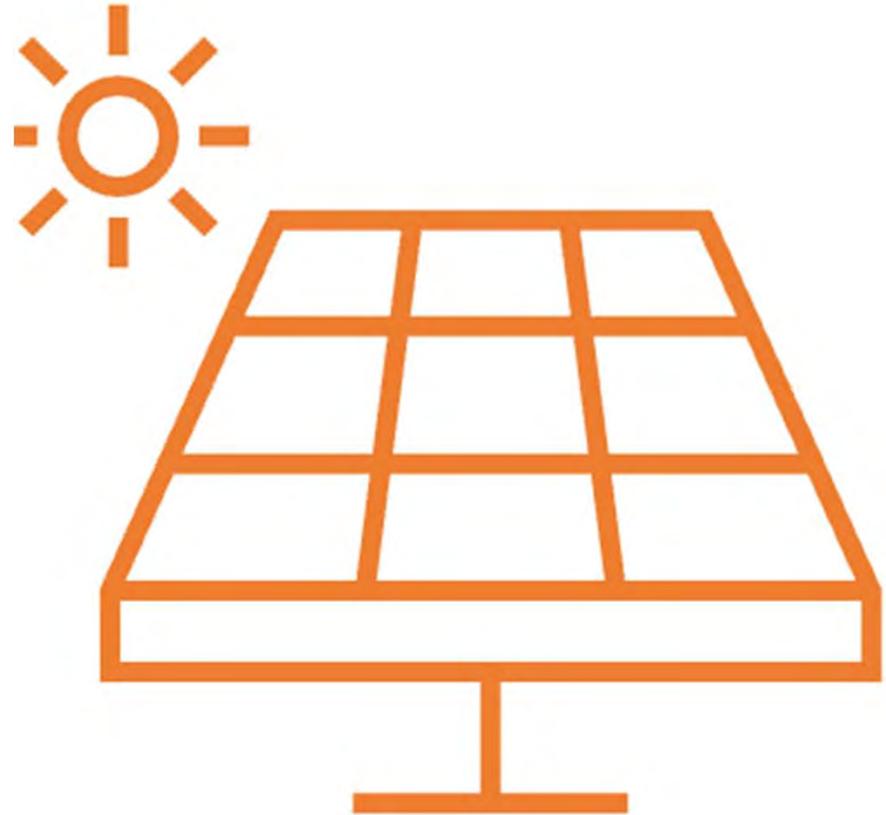
---

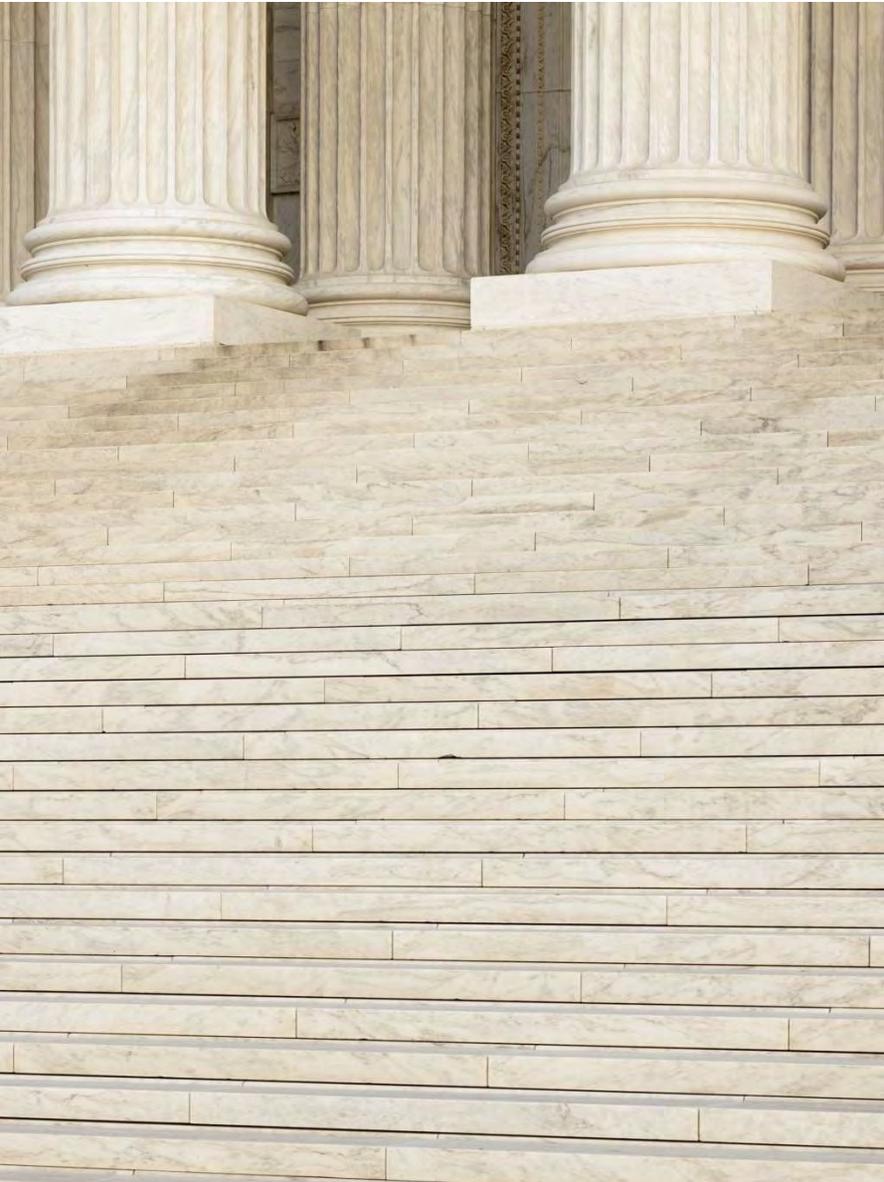
- Help the Lenexa save money
- Help the Lenexa rely less on foreign energy sources
  - Become more self sufficient
- Help the Lenexa utilize new financial incentives
  - Move operational costs into programs to benefit the community
- Help the Lenexa market themselves as being green/forward thinking

# Why Go Solar?

---

- Inflation Reduction Act Direct Pay
  - 30% of Project Costs
  - Up to 20% extra adders
- Guaranteed Savings
- Low Maintenance
- Energy Independence





---

## Inflation Reduction Act Overview

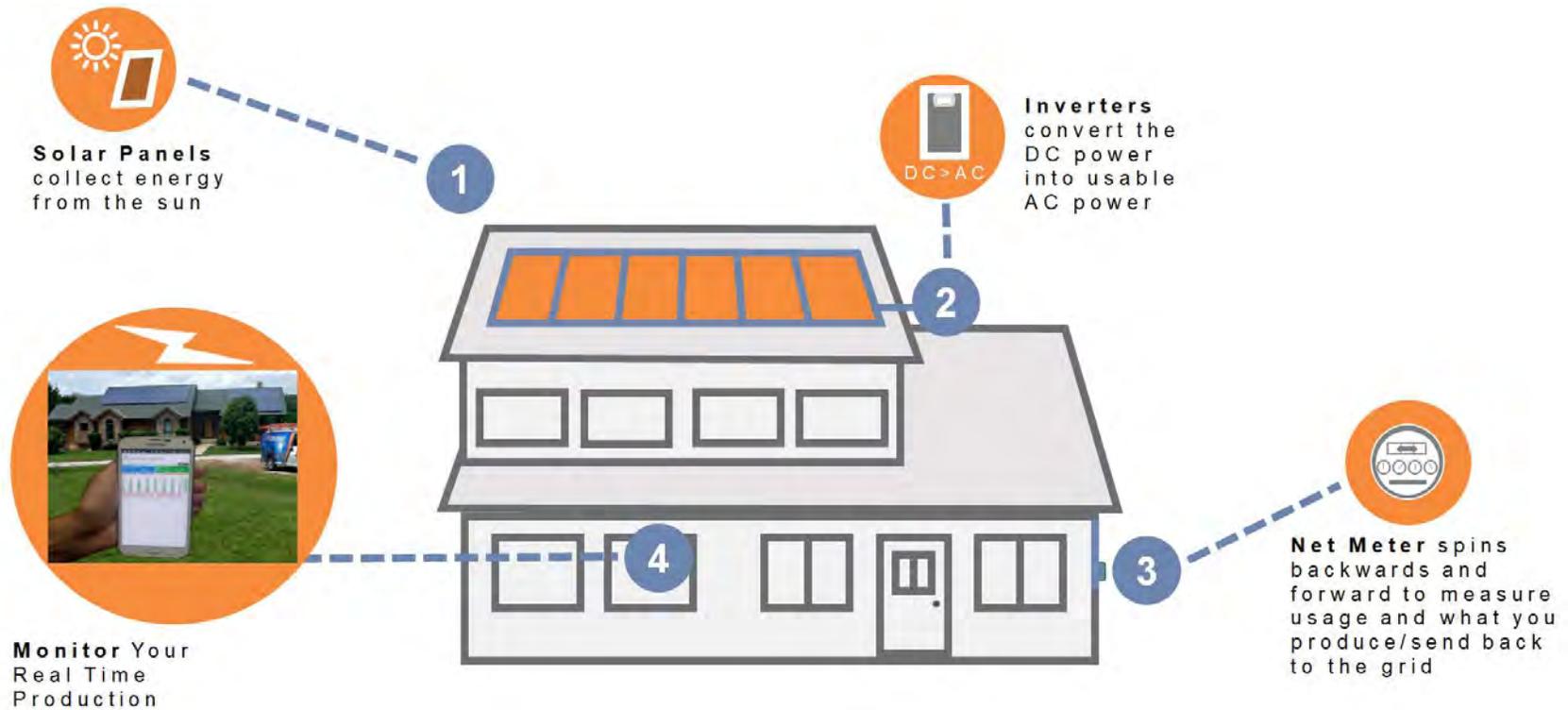
- Signed in law 8/16/2022
- Part 8 – Credit Monetization and Appropriations
  - Section 13801
    - The act allows certain tax-exempt entities, including state and local governments and Indian tribal governments, to treat certain energy-related tax credit amounts as direct payments of tax.

# How Solar Works

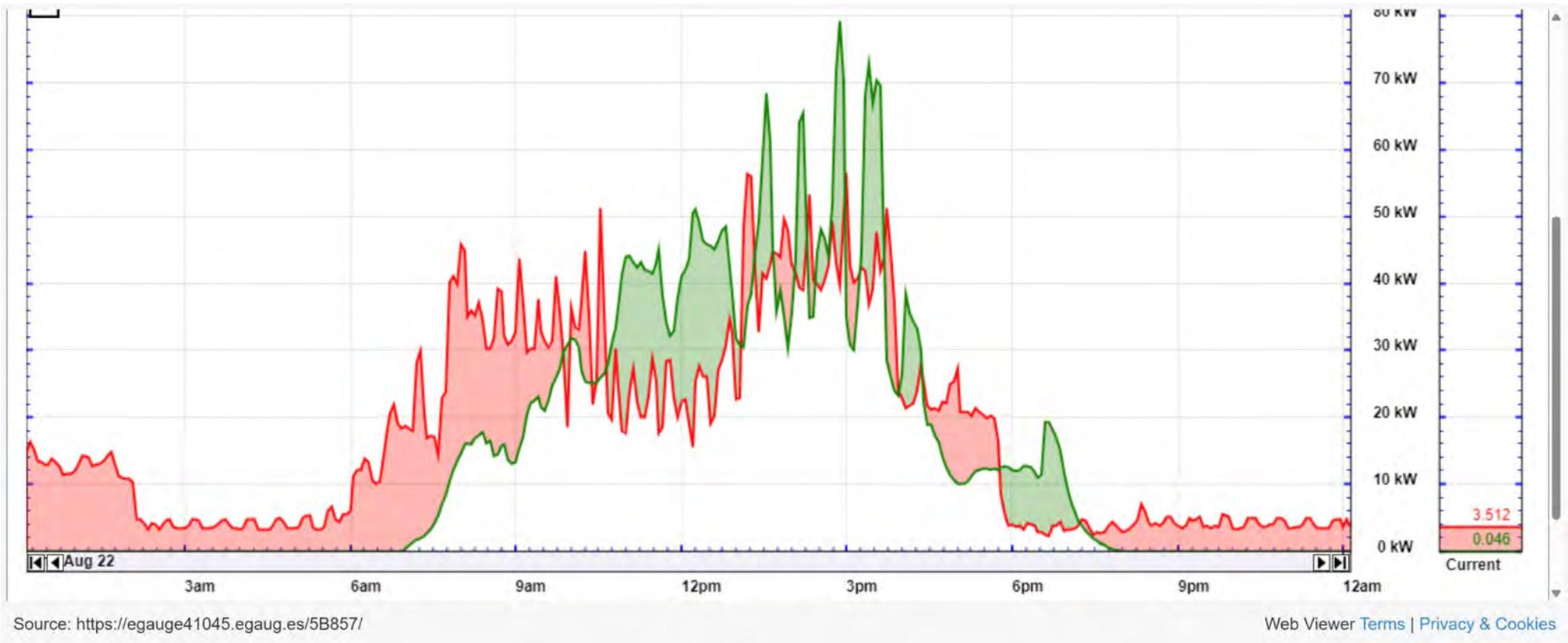
A quick overview



# How Solar Works



# A Day in the Life of Solar



# Kansas Net Metering Law

- Kansas adopted the Net Metering and Easy Connection Act in May 2009, which established net metering for customers of investor-owned utilities (IOUs)
- Evergy Update: Eligible systems in operation on or after July 1, 2014, must have a rated capacity of:
  - 150 kW AC or less for residential customers,
  - 150 kW AC or less for non-residential customers, and
  - 150 kW AC for any postsecondary educational institution or any public or private school which provides instruction for students enrolled in grade kindergarten or grades one through 12



# Case Study

---

100 kW KS Commercial Example

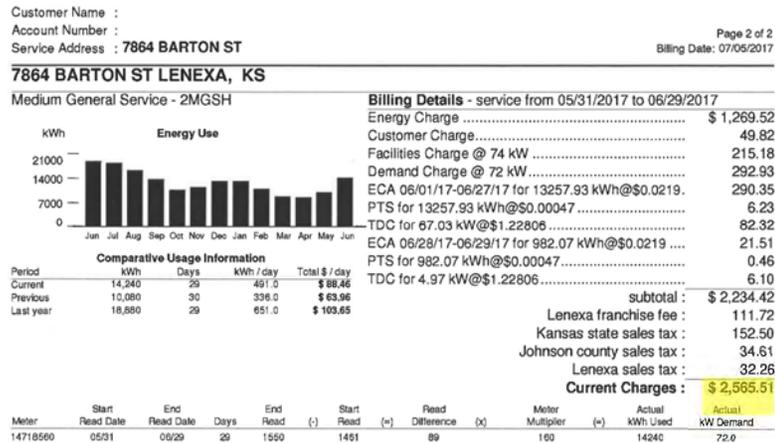




# System Look and Performance

# Utility Bills – Before and After

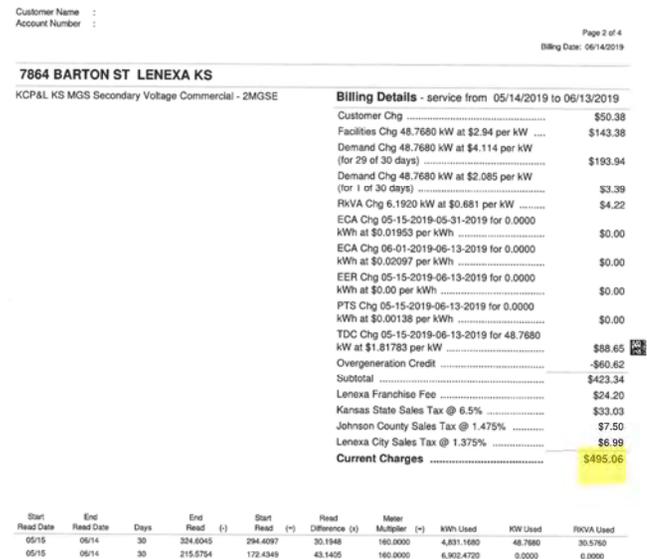
## Before Solar



\$2,565.51



## After Solar



\$495.06

Finding the right solution for you

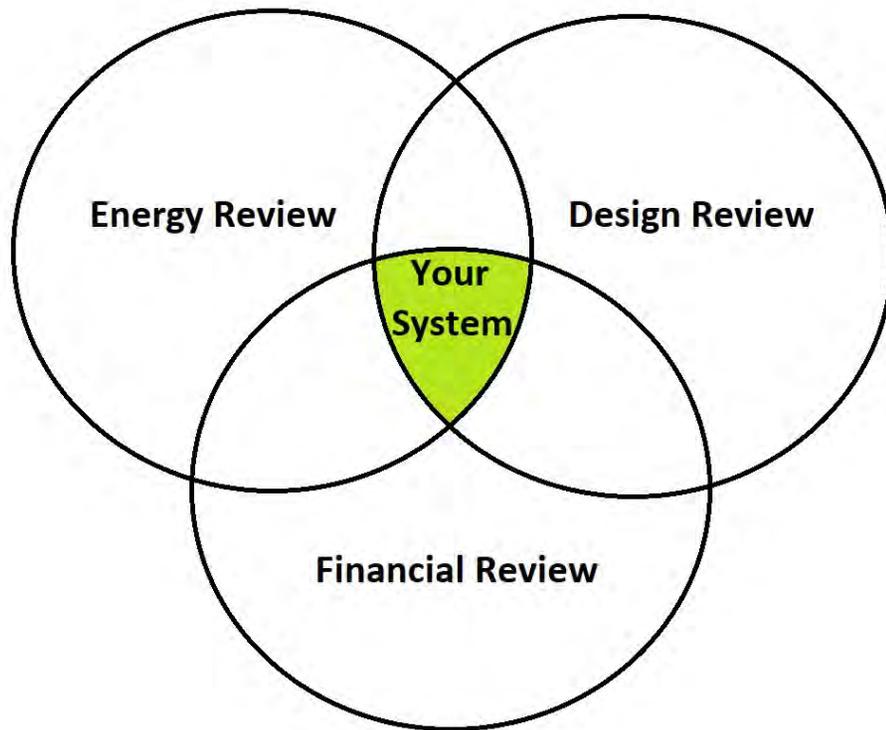


# What Does Solar Look Like for Lenexa?



# SunSmart Solar Launch Pad

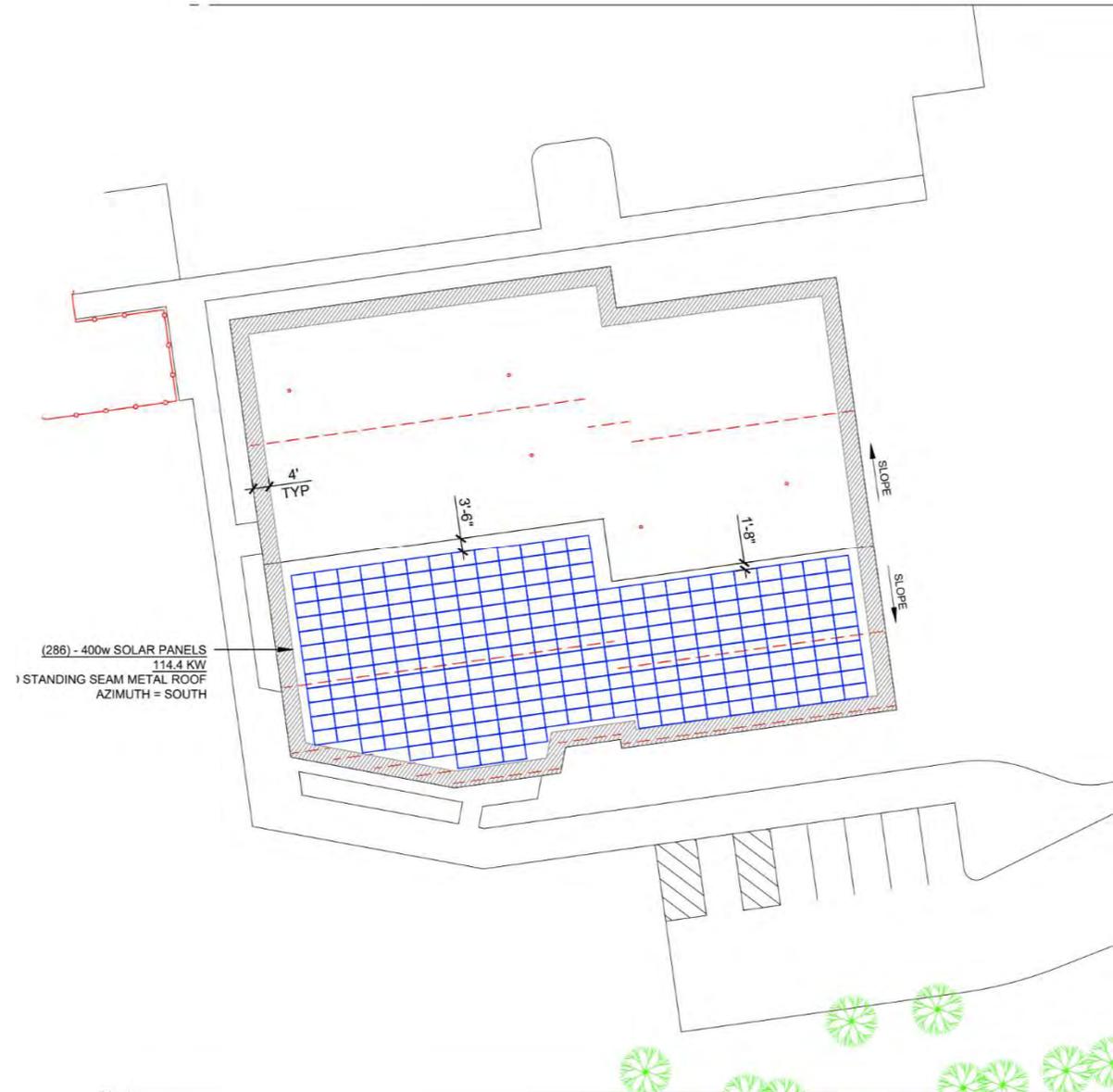
---



- Choosing where to start:
  - Energy Review
  - Customized design
  - Choosing the right financial plan
- Everything is Scalable
  - Starter systems, Easy for us to add in the future

# Site Layout

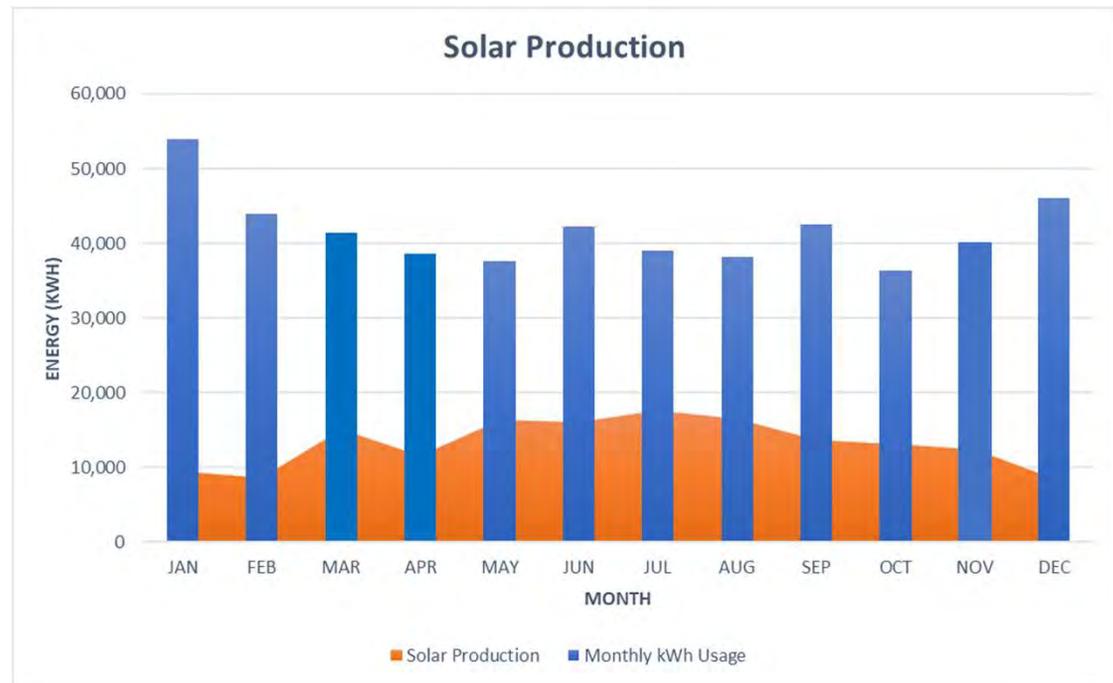
- 1 Evergy Account (ending 0732):



# Financial Overview – Lenexa – Account 0732

Account Ending	Address	System Size (kW)	Number of Solar Panels	Capital Cost (\$)	2024 Direct Pay (30% of Capital Cost)	Net Cost (\$)	Payback (Years)	IRR (%)	Net Zero (%)	Est. Y1 Utility Spend (\$)	Est. Y1 Utility Savings (\$)	Est. 25 Yr Utility Savings (\$)
0732	7700 Cottonwood	114.400	286	\$238,865	\$71,660	\$167,206	14.38	7%	32%	\$40,936	\$9,151	\$355,476

- Only South Roof
- Project Cost: \$238,865
- Direct Pay: \$71,660
- Net Cost: \$167,206
- IRR: 7%
- Payback: 14.38 Years
- Est. 25 Year Savings: \$355,476





# Thank you! Q&A

---

Karlo Meave

Email:

[Karlo@SunSmartUSA.com](mailto:Karlo@SunSmartUSA.com)

