

# CASE STUDY



How Kohost Helped Boys & Girls Clubs of Southern Nevada Cut Energy Use by 33% and Save Thousands Across 13 Locations in Just 7 Months



BOYS & GIRLS CLUBS OF SOUTHERN NEVADA

## AGASSI LOCATION REPORT



### Monthly Energy Usage

**33.4%**

Average Monthly Energy Usage Drop by kWh post Kohost Implementation



Date Kohost Deployed **Nov. 2023**



Building Size

~ 25,000 sq ft



Las Vegas, NV

### CHALLENGE

- High energy consumption and limited visibility into building operations
- No centralized system for oversight or reporting
- Small issues escalating into costly problems
- Frequent HVAC overuse, leading to equipment strain

### SOLUTIONS

What we integrated:

- Concierge Ticketing System
- SOS Emergency Panic System
- Access Control
- HVAC/Thermostats
- Lighting
- Cameras
- Alarms
- Smart TV's



### Projected Savings

**\$8,370+**

Yearly Savings Based on Current Rate of \$0.14/kWh

**\$4,668**

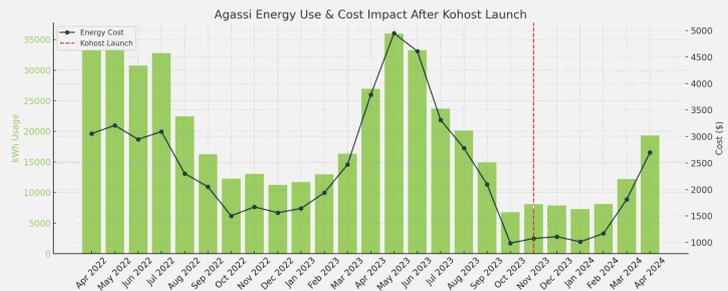
True Monthly Savings in 7 Months

**\$698**

Average Monthly Cost Drop

### RESULTS

- Significant energy efficiency improvements and cost savings
- 600 fewer HVAC runtime hours per year, extending unit life by ~10%
- Faster issue resolution, fewer costly repairs, and reduced downtime thanks to improved ticketing and alerts



### Energy Savings

**~59,782 kWh**

Saved Yearly

**4,982 kWh**

Average Monthly Usage Drop

**34,873 kWh**

Total Energy Saved (Nov-May)



### Environmental Impact

**54,401 lbs**

of Annual CO<sup>2</sup> Avoided

=

**6 cars**

Off the Road

**~1,133**

Trees Planted



Since we launched Kohost, we've seen a huge drop in energy usage without sacrificing comfort or performance. What used to be manual and reactive is now automated and visible in real time. We're catching issues earlier, saving money every month, and extending the life of our systems. It's one of the smartest upgrades we've made to this campus.

**Daniel Solow**  
COO, BGCSNV

