

Energy Saving Case Study

John A. Logan College
Carterville, IL



The Aquatic Center at John A. Logan College consists of two pools:

- Lap pool, 75' x 58' is kept at 83-84 degrees and ranges in depth from 3.5 feet to 10 feet.
- Therapy pool, 68' x 39' is kept at 92 degrees and ranges in depth from 1 inch to 5 feet.

Maintaining the optimal temperatures of the pools is crucial for the Aquatic Center's success. Evaporation and heat loss poses a constant challenge, particularly for therapy pools.

To combat this ongoing struggle and the exorbitant energy costs associated with replenishing and heating the lost water, John A. Logan College made the wise decision to install Alta's fully welded thermal pool covers.

Since John A. Logan College installed Alta pool covers, they have experienced an impressive cost reduction of approximately \$25,000 per year in their electric expenses. Moreover, the pool temperatures remain high in the morning, meaning the water retains its desired temperatures throughout the night, eliminating the need for pool heaters to be switched on.

Discover the **ALTA** Difference

ENTERPRISES, INC.
A **PLAYCORE** Company

Bradley Griffith, Director of Fitness at John A. Logan College reports:

Have you noticed energy cost savings?

“Yes, approximately \$25,000 per year reduction in electric costs.”

Are you witnessing a difference in water temperatures?

“Yes, our pool temperatures are typically a little higher in the morning after being covered overnight.”

The Alta Automatic Reel System saves John A. Logan College staff time in deploying and retracting the thermal pool covers:

Is the automatic reel system operator-friendly and easy to use?

“Yes, very easy. We had to recalibrate the reels a lot early on, but we discovered it was because our pool stairs were pushing the covers over and causing problems. Once we replaced those stairs with some removable ones that we could take out each night, we’ve had zero troubles.”

The cost-effectiveness achieved by John A. Logan College truly demonstrates the advantages of covering a pool to minimize energy loss through evaporation. Additionally, energy cost savings of thousands of dollars each year is achievable.

“[The Alta Pool Covers and Automatic Reel System is a] Great investment. Over all, I would gladly recommend the covers to any pool managers.”

