

COMMERCIAL OFFICE

PROJECT NAME: HBO Broadcasting Center

LOCATION: Hauppauge, New York

TYPE: Commercial Office

BACKGROUND

This field study compared two mission-critical Data Rooms. Server#3 Room was cooled using Hydromx® and the other room, MPEG#4, was cooled using 40/60 glycol/water. The load difference between these rooms is 47.5%, with Server#3 having the larger load.

RESULTS

kW consumption difference was 7.23% in favor of MPEG#4. Server #3 had 90% more free cooling hours than MPEG#4.

“After months of testing, I’m extremely excited to report the results were better than expected. We installed Hydromx in two critical 20-ton Dry Cooled Liebert systems and have found an overall saving of 35%.”

–Mr. Desmond Cooke, HBO Chief Engineer





ABOUT HYDROMX®

Hydromx® is a nanotechnology heat transfer fluid that saves a significant amount of energy. Hydromx® ethylene-based or propylene-based fluid outperforms not only other glycols, but also outperforms water. Hydromx® has been proven in multiple installations to save 20–35% energy in heating and cooling systems around the world.

FOR MORE INFORMATION, VISIT HYDROMX.COM.



HEADQUARTERS

58-75 57th Road, Maspeth, NY 11378

+1 (718) 381 0351
TOLL FREE +1 (844) 449 3766
(+1 (844) 4HYDROMX)

info@hydromx.com

HIGHLIGHTS:

- Overall 35% energy savings
- Compressor run-time hours slashed by an average of 46%, increasing equipment life span
- Annual savings in each CRAC unit of 65,000 kWh
- 20-Ton Libert units
- 90% more free cooling hours with Hydromx
- Monitored by independent monitoring company
- ROI = 1 year