

case study

MANUFACTURING FACILITY

DEPLOYS TWO ADDITIONAL ESS SYSTEMS
UTILIZING ACUMEN EMS CONTROLS TO
MITIGATE HIGH DEMAND CHARGES



THE CHALLENGE

The developer had previously chosen Acumen EMS™ controls software on two sites to shave peak demand at a 400,000 square foot office supply manufacturer in Dickson, Tennessee. The end-customer has several other manufacturing facilities in Tennessee that include onsite fabrication, welding, painting, and forming and was searching for a storage solution to assist with mitigating a spikey load profile and high demand charges. The developer, who had previously deployed Acumen EMS controls, required a solution that delivered on time and provided support throughout the project's lifecycle.

THE SOLUTION

After successful commissioning and operation of two previous systems utilizing Acumen EMS™ controls, the developer and end customer decided to purchase two more ESS solutions on their additional manufacturing facilities. ETB's Acumen EMS™ controls, integrated with two BYD CHESS units totaling 532kWh, were deployed at both facilities to optimally shave peaks and reduce the customer's demand charges. The customer elected to utilize different energy storage hardware vendors in their previous deployments. By selecting ETB's Acumen EMS controls, both the developer and host customer have the ability to monitor all of their ESS projects from one common monitoring interface.

PROJECT SUMMARY



LOCATION

Dickson, Tennessee



DEPLOYMENT DATE

January 2022



ESS PROVIDER

BYD



COMBINED SYSTEM SIZE

532kWh total ESS capacity across
(2) sites



FACILITY TYPE

Manufacturing facilities



EMS APPLICATIONS

Demand Charge Management



(866) 303-7786

energytoolbase.com

contact@energytoolbase.com