

## ENERGY EFFICIENCY PROJECT

R.C. Bigelow Tea, 201 Black Rock Turnpike, Fairfield, CT  
Manufacturing Facility with Office Space



### SCOPE OF WORK

- Performed an ASHRAE Level II audit to help determine optimal energy conservation measures, and delivered an energy conservation plan
- Determined current chillers needed to be replaced as end of life was approaching as well as performed lighting upgrades, installed EMS system, and equipped chillers with VFD's
- Prepared and applied for incentive dollars while capturing a comprehensive bond incentive for bundling multiple projects together

### PROJECT DESCRIPTION

The client replaced inefficient chillers with high efficiency chillers equipped with VFD's, lighting was upgraded to LED technology in certain locations, and the client installed an EMS system upgrade to manage the new technology

### ENERGY SAVINGS

286,953 kWh annual reduction

### ROI

5 years

### GROSS COST OF PROJECT

\$333,184

### INCENTIVE RECEIVED

\$114,781