



# RWJBarnabas Health Robert Wood Johnson University Hospital

## PROJECT INFORMATION

### CONCORD DIVISION

Health Care & SciTech  
Engineering  
Power & Infrastructure

### PROJECT LOCATION

New Brunswick, NJ

### MARKET

Health Care/Hospital

### SERVICES

MEP Engineering

## ABOUT THE CLIENT

The Robert Wood Johnson University Hospital is a 965-bed hospital with campuses in New Brunswick and Somerville, New Jersey and serves as a flagship hospital of RWJBarnabas Health.



## PROJECT SUMMARY

Concord has completed multiple projects at the Robert Wood Johnson New Brunswick Campus, including designing over \$9 million in infrastructure energy efficiency upgrade projects through the PSE&G Hospital Efficiency Program. Highlighted projects include:

### 2,200 TON MAIN CHILLER PLANT

- Redesigned the Main Chilled Water Plant
- Provided Two (2) new 1,100 Ton Chillers, Three (3) New Chilled Water & Two (2) New Condenser Water Pumps and Controls

### 3,600 TON CHILLER PLANT

- Design for Main Chiller Plant to be Interconnected to the Children's Chilled Water Plant
- New 700 Ton Chiller Added with New Pumps and Provisions for Variable Primary Flow

### VARIABLE PRIMARY CHILLER PLANT CONVERSION

- Tower Chilled Water Plant Converted from Primary Secondary Flow to Variable Flow
- Designed New Variable Speed Pumps and Controls

### LIGHTING AND STEAM TRAP UPGRADES

- 1.7 Million SF of Hospital Space Converted to Energy Efficient LED Lighting, Exterior Lighting Replaced with LED Equivalent Fixtures and Vacancy Sensors Added to Select Locations
- Failed Steam Traps Repaired and/or Replaced under PSE&G Efficiency Program