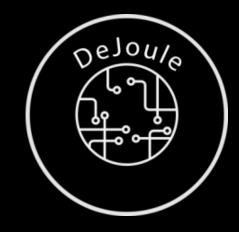


Eliminating Energy Waste in Air Conditioning at a 115-year Old Hospital in Delhi

November 26, 2018

Proprietary & Confidential





Breakthrough Pay – As – You – Save Business Model Cutting-Edge Continuous Energy Optimization Technology

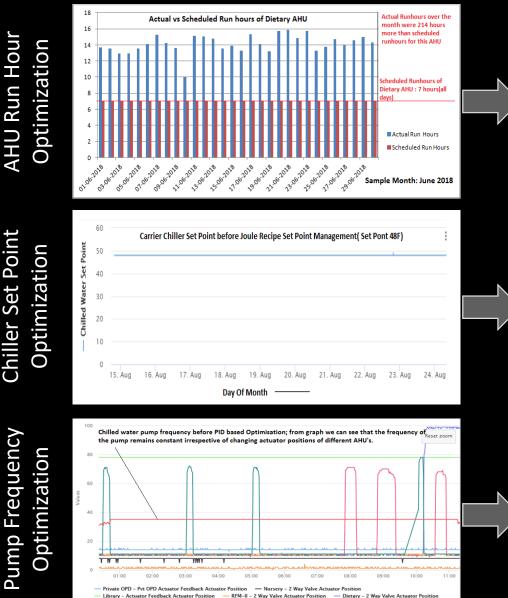


AHU Run Hour

Chiller Set Point

Eliminating Energy Waste with Joule Recipes

Previous Practice



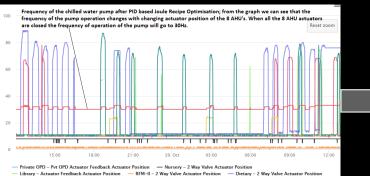
Chilled Water Pump 1 Output Free

- RFM-Old - 2 Way Valve Actuator Position - PHDU - 2 Way Valve Actuator Position Labor Room - 2 Way Valve - Actuator - Actuator Actuator Position

Scheduled vs Actual Runhours for Dietary AHU after 25th August, 2018 to be and a set of the 03-09-201 02.09.20 1.09-20 Scheduled Daily Runhours Actual Daily Runhours

With Joule Recipes

Chiller Setpoint Management using Joule Recipe: Operating on 7 schedules Reset zoom 20. Oct 19 Oct 21 Oct 22 Oct 23 Oct 24 Oct Day of Mont

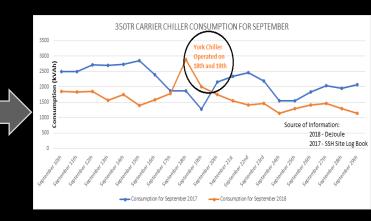


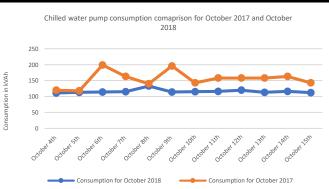
Library – Actuator Feedback Actuator Position - RFM-Old - 2 Way Valve Actuator Position - PHDU - 2 Way Valve Actuator Position Labor Room - 2 Way Valve - Actuator - Actuator Actuator Position - Chilled Water Pump 1 Output Frequency (Hz

Impact

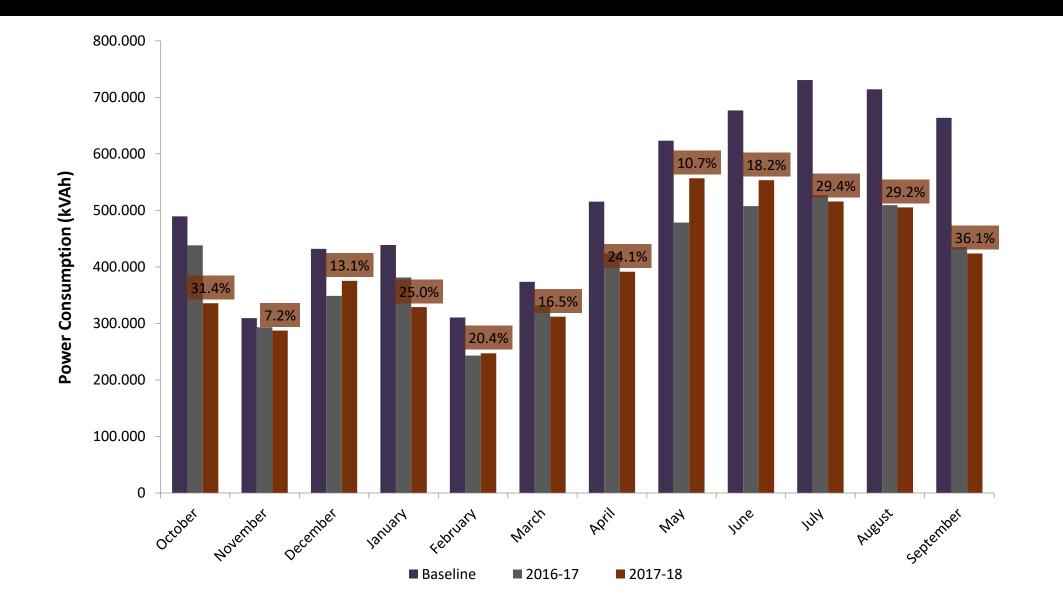
Eliminated 214 needless run hours in a month

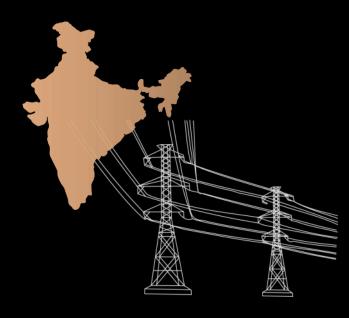
30,000 kWh / year savings in a single AHU



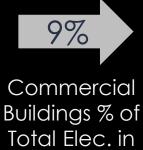


3 Million kWh Saved in 25 Months





Scaling DeJoule



India



12% Hospitals % of Commercial

Buildings



10 billion kWh / year





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EPISODE 2: SmartJoules

Watch the video here

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