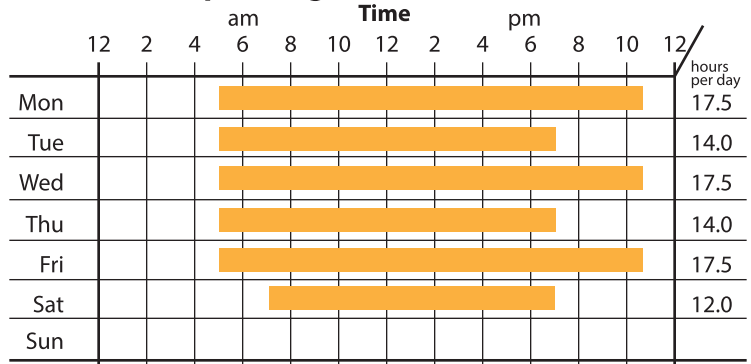


# Air Handler Schedule Negotiation

## Initial AHU Operating Schedule



**92.5**  
hours  
per week

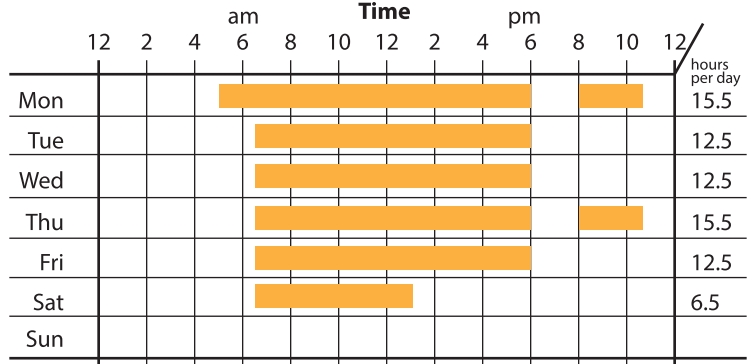
Before negotiation, this is the schedule that was running the air handler. The schedules had been gradually lengthed over time due to comfort complaints, and never been reduced.

Startup times were moved forward after a hot weekend, when the space failed to achieve comfortable conditions by the time occupants arrived. The same start time was applied to each day of the week, even though the complaint came on a Monday after a hot weekend.

Operating hours were extended for cleaning staff three days per week, and most of the day on Saturday to accommodate one occupant who worked long hours for a special project.

**Significantly, no comfort complaints were received, so the facilities staff was not prompted to adjust the schedule.**

## AHU Operating Schedule After Negotiation



**75**  
hours  
per week

After negotiation, it was determined that an early start on Monday was required to assure comfortable conditions for the occupants, but that the start could be moved back on subsequent days of the week. A system shutdown and restart was adopted for the cleaning crew, who are in the office two days per week instead of three.

Saturday afternoon occupancy was no longer occurring, so that runtime was eliminated.

The negotiation resulted in the elimination of 17.5 hours of runtime per week, a reduction of 19%.

The Fan on this air handler draws 21 kW when running, so **the electrical energy reduction is 367.5 kWh per week, or 19,162.5 kWh per year.**