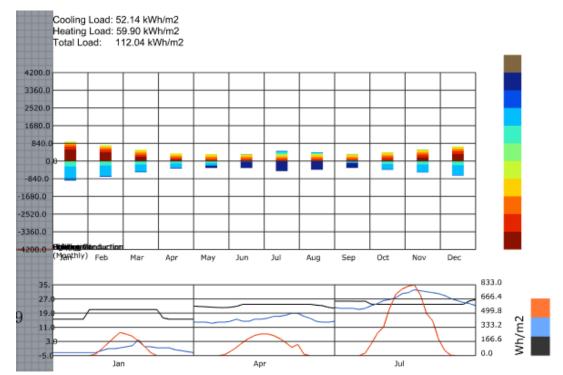
Energy Balance

1. Optimal combination

After several combinations, the optimal combination can reach the minimal total load at 112.04, the result chart is shown as below.



At this moment, the combination is as below.

Wall to window	North 0.0	South 0.1	East 0.1	West 0.1
Blind	Shading	Number of		
	depth: 0.1	blinds: 2		
Construction	Exterior	Exterior	Exterior	Air change
	wall: [R34.3]	window:	roof:	hour: 0.2
		[R0.7 SHGC	[R34.4]	
		0.65]		
Thermal mass	+8 inches			
	concrete			

2. Which parameter is the most effective?

After comparison, the construction change is the most effective, especially the air change hour. The shorter the period is, the lower the load becomes.

3. Temperature range in summer and winter

As shown in the chart, in winter, the temperature range is between -5 to 4 degree; in summer, the temperature range is between 20 to 32 degree.