Air Handling Unit No. 01
This air-handling unit furnishes ventilation air, heating and cooling to all offices and laboratories located in the center and between the east and west wings. During PM, the cooling and heating set point cannot be achieved. Depending on the outside air temperature, building space could get uncomfortable.

Air Handling Unit No. 02:
This air-handling furnishes supply, make-up air, heating and cooling to all laboratories 406, 406 B, 406C, 406D and 406E. Lack of supply air will result in disturbing of the fume hoods within the laboratories. As a result, the building space will be under a higher negative pressure while the fume hoods exhaust system is running. Space temperature in the laboratories could be uncomfortable.

Air Handling Unit No. 03:
This air-handling unit furnishes ventilation air and cooling to all offices located in the east wing. During PM and when the air handling unit is off, the cooling and heating set point cannot be achieved.

Air Handling Unit No. 04:
AHU-4 furnishes supply and make-up air, heating and cooling to labs 147, 147A, 147B, 147C, 147D, 147E laboratories and offices. During PM, the space static pressure will be more negative and would have an effect the operation of the fume hoods within the laboratories and the space temperature could get uncomfortable.

Air Handling Unit No. 06
AHU-6 supports offices in the west wing. During PM, there will be no ventilation and space temperature could get uncomfortable.

Exhaust Fans No. 08 and Make–Up Air Supply Fan 9:
Exhaust fan 8 and supply fan 9 provide exhaust and make up air for fume hood #3 located 406. During the PM period, there would be no ventilation and fume hood operation will be impaired.
Exhaust Fans No. 10 and Make Up Air Supply Fan 11:

Exhaust fan #10 and supply fan 11 provide exhaust and make up air to fume hood #2 located in laboratory 406. During the PM period, there would be no ventilation and fume hood operation would be impaired.

Exhaust Fans No. 12

Exhaust fan # 12 provide exhaust to fume hood #13 located in laboratory 406E. During PM period, there would be no ventilation available and fume hood operation would be impaired.

Exhaust Fans No. 13

Exhaust fan # 13 provide exhaust to fume hood #14 located in laboratory 406E. During PM period, there would be no ventilation available and fume hood operation would be impaired.

Exhaust Fan No. 14, 15 and 16

Exhaust fan # 14, 15 and 16 provide exhaust to three canopy hoods located in laboratory 406A. During PM period, there would be no ventilation available and canopy hood operations would be impaired.

Exhaust Fans No. 18

Exhaust fan # 18 provide exhaust to fume hood #16 located in room 406B. During PM period, there would be no ventilation available and fume hood operation would be impaired.

Exhaust Fans No. 19

Exhaust fan # 19 provide exhaust to perchloric fume hood #1 located in room 406. During PM period, there would be no ventilation available and fume hood operation would be impaired.

Centrifugal Chiller & Cooling Tower

Centrifugal chiller and cooling tower provide chilled water to the air-handling units. During PM period, there will be no chilled water available to the air-handling units. As a result, space temperature could get warmer and uncomfortable. The chiller and cooling tower PM are usually done during the cold season.
**Building Air Compressor**
Building air compressor runs 24/7. During PM period, there would be no compressed air available.

**Remaining building system and equipment**
Performing PM on the remaining equipment has little impact on the space temperature and ventilation.