

AIR-3R and ECM - Project Relationships

The **AIR-3R** project and the **ECM** project are related because both projects consider in one way or another the technical performance of the air systems.

AIR-3R seeks to resolve legacy performance issues while **ECM** seeks to reduce energy consumption.

ECM seeks to reduce energy consumption of the air systems by replacing existing fixed frequency drives on the lab air handlers and main exhaust fans with variable frequency drives (VFDs).

AIR-3R will be impacted by the new variable-frequency drives provided under the **ECM** in that these new drives will convert the existing "constant volume system" will now become a "variable volume system".