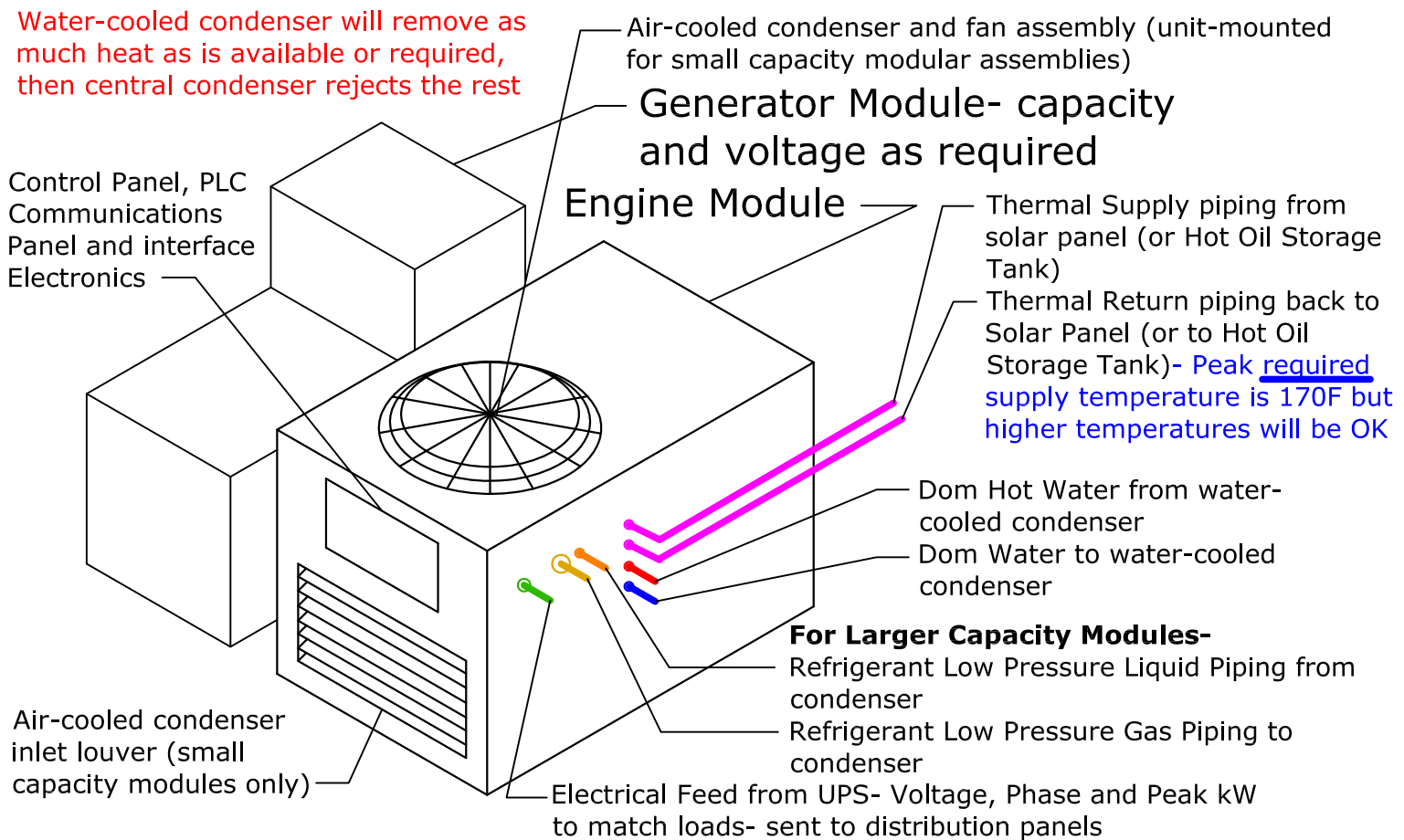


Water-cooled condenser will remove as much heat as is available or required, then central condenser rejects the rest



Engine drives Generator via timing belt connection. Generator output feeds battery bank, battery bank feeds UPS system, UPS feeds appropriate voltage, phase and frequency to loads. As load power changes, battery bank supports excess load or stores excess output until generator can recover.

FreeLoader™ RS

Refrigerant Powered Engine and Generator

> The "POWER" of a steam locomotive with less than 180F needed to make it work.

> Operates on ANY thermal input, including SOLAR. It can make **SUBSTANTIALLY MORE** electricity per Sq Meter than the best available PV collectors using FLAT PLATE collectors.

> With adequate collector surface and mineral oil circulating, can store enough energy so it can provide **24 / 7 solar power**.

> **Thermal-to-electricity ratio of 14-15%.**

> **Costs less than \$2,500 per kW, including collectors.**

> Typical paybacks are less than 2 years.

> **100% CO2 and NOx savings.** All pumps and motor energy is supported by generator.