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Shell performance and Peak Load avoidance for All Electric Designs

Building shell performance and Peak Load avoidance for All Electric Designs is critical. Ultra performing shell envelope buildings intrinsically have superior ability to shift heating and cooling loads off peak. Space conditioning heat pumps can be downsized. Adding thermal massive combined with ultra shell performance increases this capability. Incentives to develop this combined solution should exist for design teams.

Further Compact Hot Water Distribution Systems and incentives to ensure ducted heat pump water installations will reduce waste and improve HPWH appliance life with reduced energy demand.