

ADMD Calculator for 20+ Properties



Variables	Options / Ranges	User Input
Number of Customers on Feeder ?	20 to 100	100
How many have EV Chargers ?	0 to Number of Customers	100
How many have EV Chargers AND Heat Pumps ?	0 to Number of Customers	100
How many have Air Source Heat Pumps ?	0 to Number of Customers	100
Average size of ASHP? (kW Heat)	0, 5, 8 or 16	8
How many have Ground Source Heat Pumps ?	0 to Number of Customers	0
Average size of GSHP? (kW Heat)	0, 5, 8 or 16	0
How many have Hybrid Heat Pumps ?	0 to Number of Customers	0
Average size of HyHP? (kW Heat)	0, 5, 8 or 16	0



	kW Output
Average HH ADMD Standard	6.87
Total Feeder ADMD Standard	687.00
Average HH ADMD Cold Load	10.10
Total Feeder ADMD Cold Load	1010.00



Detailed Breakdown

	Standard	Cold Load Pickup
Establish Diversity Level	100.00	100.00
Calculate EV Total	355.00	355.00
Calculate Non Smart Charge Value	435.00	435.00
Calculate Smart Charge Value	355.00	355.00
Is Smart Charging Present ?	Yes	Yes
Calculate ASHP Total	442.00	835.00
Calculate 5kW ASHP Total	0.00	0.00
Calculate 8kW ASHP Total	442.00	835.00
Calculate 16kW ASHP Total	0.00	0.00
Calculate GSHP Total	0.00	0.00
Calculate 5kW GSHP Total	0.00	0.00
Calculate 8kW GSHP Total	0.00	0.00
Calculate 16kW GSHP Total	0.00	0.00
Calculate Hybrid Total	0.00	0.00
Calculate 5kW Hybrid Total	0.00	0.00
Calculate 8kW Hybrid Total	0.00	0.00
Calculate 16kW Hybrid Total	0.00	0.00
Calculate Storage Heating Total	0.00	0.00
Calculate 5kW Storage Total	0.00	0.00
Calculate 8kW Storage Total	0.00	0.00
Calculate 16kW Storage Total	0.00	0.00
Calculate Standalone Households Total (No LCTs)	0.00	0.00
Sub Total	797.00	1190.00
EV + HP Number	100.00	100.00
Reduce load by required level Sub Total 2	687.00	1010.00
Total ADMD	687.00	1010.00
Average kW ADMD Per House Hold	6.87	10.10