

Load Calculation For 415 Fieldstone Drive

1. 5,100 Square feet X 3va=	15,300va
2. 7.4kva cooktop=	7,400va
3. 8kva wall oven=	8,000va
4. Refrigerator =	864va
5. Refrigerator =	864va
6. 2- kit. Small applia.	3,000va
7. 1- laundry =	1,500va
8. Dishwasher #1 =	1,200va
9. Dishwasher #2 =	1,200va
10. Range hood=	480va
11. Icemaker=	600va
12. Garage Door Opener#1=	240va
13. Garage Door Opener#2=	240va
14. Gas Water Heater=	<u>120va</u>
Total =	41,008va
	<u>-10,000va</u>
	31,008va
	X <u>.40</u>
	12,403va
	<u>+10,000va</u>
	22,403va

22.4kva, 26kva generator installed.

All HVAC equipment is automatically load shed. This includes:

1. AHU #1- 8kw.
2. HP #1- 5.8kw.
3. AHU #2- 5kw.
4. HP #2- 4kw.
5. AHU #3- 5kw.
6. HP #3- 3.2kw.

These load shedding modules were inspected on service change inspection.