

Customer: Kelly Burns  
 251 CC Byrd Ln  
 Address: Linden, NC 28356  
 910-808-4454



AUTHORIZED DEALER + INSTALLER

ER#:13015544

| Single Phase Residential Only    | QTY   | VA     | Gen   | Shed | SMM |
|----------------------------------|-------|--------|-------|------|-----|
| Living square feet:              | 2,400 | 3      | 7,200 |      | 0   |
| Small Appliance Circuits (min 2) | 2     | 1,500  | 3,000 |      | 0   |
| 120v Laundry Circuit (1 req)     | 1     | 1,500  | 1,500 |      | 0   |
| Dryer                            | 1     | 5,000  | 5,000 |      | 0   |
| Wall Oven (sgl=7000 dbl=10200)   | 0     | 10,200 | 0     |      | 0   |
| Range                            | 0     | 11,000 | 0     |      | 0   |
| Cooktop                          | 0     | 6,700  | 0     |      | 0   |
| Garbage Disposal                 | 0     | 1,176  | 0     |      | 0   |
| Dishwasher                       | 1     | 1,500  | 1,500 |      | 0   |
| Jacuzzi                          | 0     | 1,656  | 0     |      | 0   |
| Pool                             | 1     | 7,200  | 7,200 |      | 0   |
| Hot Water HTR                    | 0     | 4,500  | 0     | 0    | 0   |
| Furnace                          | 3     | 1,200  | 3,600 |      | 0   |
| Refridge/Freezer                 | 1     | 1,320  | 1,320 |      | 0   |
| Well Pump                        | 0     | 4,500  | 0     | 0    | 0   |
|                                  | 0     |        | 0     | 0    | 0   |
|                                  | 0     |        | 0     | 0    | 0   |
|                                  | 0     |        | 0     | 0    | 0   |

|                                   |                       |             |              |
|-----------------------------------|-----------------------|-------------|--------------|
| A                                 | Total General load    | 30,320      | Utility Shed |
|                                   |                       |             | 0            |
| B                                 | First 10kva @ 100%    | 10,000      | AC Shed      |
| (C=A-10,000x.4) C                 | Remaining va x 40%    | 8,128       | 8712.0       |
| (D=B+C) D                         | Sub Total Load        | 18,128      | Total Shed   |
| E                                 | Total AC Load @ 100%: | 0           |              |
| D+E                               | Total Va load         | 18,128      | 8,712        |
| Divide by 240                     | Calculated amp load:  | 76          | 0            |
| <b>Recommended Generator Size</b> |                       | <b>20kw</b> |              |

| Air Conditioners (RLA) |         |                       |         |         |      |
|------------------------|---------|-----------------------|---------|---------|------|
| Running Amps           | AC 1    | AC 2                  | AC 3    | AC 4    | AC 5 |
|                        | 5.50    | 19.90                 | 10.90   | 0.00    | 0.00 |
| Times 240              | 1320.0  | 4776.0                | 2616.0  | 0.0     | 0.0  |
| AC Shed (y)            | Y       | Y                     | Y       |         |      |
| Total AC Load          | 0.0     | Electrical Panel AMPs |         |         |      |
| Meter Can              | Panel 1 | Panel 2               | Panel 3 | Panel 4 |      |
| 200                    |         |                       |         |         |      |

For LTS do not use living square feet. Instead use general for each lighting & plug circuit except kitchen & 1 furnace for each A/C.