

Carolina Power & Light Company  
d/b/a Progress Energy Carolinas, Inc.

STANDARD SERVICE VOLTAGES  
AVAILABLE FROM DISTRIBUTION CLASS FACILITIES  
(SEE COMMENTS CONCERNING SPECIFIC VOLTAGES)

A. Residential Service (+/- 5%)

<u>Nominal Voltage</u>	<u>Voltage Range</u>		<u>Maximum</u>
	<u>Minimum</u>	<u>Base</u>	
120*	114	120	126
120/240*	114/228	120/240	126/252
240/120	228/114	240/120	252/126
208Y/120	198Y/114	208Y/120	218Y/126

B. Specifically for Lighting Purposes (+/- 5%)

<u>Nominal Voltage</u>	<u>Voltage Range</u>		<u>Maximum</u>
	<u>Minimum</u>	<u>Base</u>	
120*	114	120	126
120/240*	114/228	120/240	126/252
240/120	228/114	240/120	252/126
208Y/120	198Y/114	208Y/120	218Y/126
480Y/277	456Y/263	480Y/277	504Y/291
4160Y/2400	3950Y/2280	4160Y/2400	4370Y/2520
7200*	6840	7200	7560
12470Y/7200	11850Y/6840	12470Y/7200	13090Y/7560
13200*	12540	13200	13860
22860Y/13200	21720Y/12540	22860Y/13200	24000Y/13860

C. Other Retail Service (+/- 10%)

<u>Nominal Voltage</u>	<u>Voltage Range</u>		<u>Maximum</u>
	<u>Minimum</u>	<u>Base</u>	
120*	108	120	132
120/240*	108/216	120/240	132/264
240/120	216/108	240/120	264/132
208Y/120	188Y/108	208Y/120	229Y/132
480Y/277	432Y/249	480Y/277	528Y/305
480	432	480	528
600	518	575	633
2400	2160	2400	2640
4160Y/2400	3740Y/2160	4160Y/2400	4580Y/2640
7200*	6480	7200	7920
12470Y/7200	11220Y/6480	12470Y/7200	13720Y/7920
13200*	11880	13200	14520
22860Y/13200	20570Y/11880	22860Y/13200	25150Y/14520

\*Single Phase Voltages - all other three phase

## Comments Concerning Specific Voltages

### Nominal Voltage

- 120 This voltage is not recommended for load in excess of 20 amperes.
- 120/240 For customers receiving service under the Other Retail Service classification, this voltage is not recommended for metered demands in excess of 100 kW. Company may apply its additional facilities provision for metered demands in excess of 100 kW.
- 240/120 This voltage is available only from overhead transformation facilities or from underground open-delta pad-mounted transformers provided the load doesn't exceed 155 kW. For customers receiving service under the Other Retail Service classification, this voltage is not recommended for metered demands in excess of 300 kW. Company may apply its additional facilities provision for metered demands in excess of 300 kW.
- 208Y/120 This voltage is not recommended for individual residential service. For customers receiving service under the Other Retail Service classification, this voltage is not recommended for metered demands in excess of 650 kW. Company may apply its additional facilities provision for metered demands in excess of 650 kW.
- 600 or 2,400 These voltages are not recommended for metered demands less than 300 kW. Company may apply its additional facilities provision for metered demands less than 300 kW.

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