

Quiz 2

Time: 10min

Central States Electric Company estimates its demand trend line (in millions of kilowatt hours) to be:

$$D = 77 + 0.43Q$$

where Q refers to the sequential quarter number and $Q = 1$ for winter 1986. In addition, the multiplicative seasonal factors are as follows:

Quarter	Factor (Index)
Winter	.8
Spring	1.1
Summer	1.4
Fall	.7

Forecast energy use for the four quarters of 2011, beginning with winter.

Attil