

ElectroSem, LLC

PENSAR SYSTEM 2000 AND SYSTEM 1000 UPDATE FOR VIRGINIA ELECTRIC AND POWER COMPANY

This Pensar Energy Management System has the rate schedule already programmed for Virginia Electric and Power Company's residential rate 1S. When you select "-E" on C.5 the Pensar Energy Management System automatically enters that schedule and operates accordingly. The rate determination of on-peak hours is as follows:

- A. On-peak Hours (except certain holidays)
 - 1. For the period of June 1 through September 30, on-peak hours are from 11 a.m. to 10 p.m., Mondays through Fridays.
 - 2. For the period of October 1 through May 31, on-peak hours are from 7 a.m. to 11 a.m. and 5 p.m. to 9 p.m., Mondays through Fridays.
- B. Off-peak hours
 - 1. Off-peak hours are defined as all hours other than those listed in paragraph A above.
 - 2. The following holidays are defined as off-peak:
 - a) New Year's Day
 - b) Memorial Day
 - c) Independence Day
 - d) Labor Day
 - e) Thanksgiving Day
 - f) Christmas Day

The Setup modes C.1 through C.8 are as follow:

- C.1 = reserved for future use
- C.2 = reserved for future use
- C.3 = reserved for future use
- C.4 = reserved for future use
- C.5 = Select "-E" to activate VEPCO rate 1S
Select "- -" for on-peak all the time
- C.6 = reserved for future use
- C.7 = Select "-E" for day light savings time
Select "- -" for standard time (no change)
- C.8 = Select "-E" for weekends off on Timer One
Select "- -" for seven day timer on Timer One

The Setup modes U.1 through U.8 are used to select a load or group of loads to operate during off-peak times only. When a load is selected ("-E" set) the load connected to that corresponding relay would operate only during the off-peak times. All other times, the load(s) will be shed (turned off.)

CAUTION: If any loads are selected with "-E" on U.1 through U.8 and C.5 is set to "- -", those loads will always be shed. User Mode 5 can still be used to override.