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SUPERMARKET ENERGY COST ANALYSIS

by
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Supermarket Average Annual Energy Usage

1. Low Temperature Compressors	21%
2. Sales Area Ceiling Lights	19
3. Medium Temperature Compressors	18
4. Case Fans & Lights	9
5. Heating (Electric)	8
6. Back Room, Office, Sign Lights	6
7. Case Anti-Sweat Heaters	6
8. Air Handler Blower	5
9. Air Conditioning	4
10. Miscellaneous Store Operations	3
11. Meat Cutting Room	1
TOTAL	100%

2. Store size varies from 15,000 sq. ft. sales area to 2,500 sq. ft. Geographical location includes Houston, Texas, St. Louis, Mo., Columbus, Ohio and Long Island, N.Y.
3. Percentages are based on KWH usage and assume nothing has been done to conserve energy.
4. Item (5), Heating, assumes all electric resistance heat (no heat reclaim).
5. Item (7), Case Anti-Sweat Heaters, represents the amount of power that can be cycled off when store environment is below 75°F D.B. and 40% R.H.

Explanations

1. These percentages are an average of seven stores. Three stores were metered for more than one year each. Four stores were calculated without prior knowledge of actual usage. Calculation accuracy varied from 1% to 10% of actual.
