1. Electricity

Lighting - Usage factors for energy and deland calculations from Table 2-3 of Utilities Target Manual NavFac Mo-303 May 1972 (Energy area column)

Air Conditioning - 1.4 KW per hr . per ton ( $500 \mathrm{SF}=1$ ton) 4 mo . per yr. June-Sept. ( 6 mo. used in excepted blags.) Source: Energy Consumption at Shore activities
2. Water - 65 gal. per person for 24 hr . day, 7 days/week, Admin, usage $-8 \mathrm{hrs} / 5$ days wk, $1 / 4$ of daily total. 7 days -5 days $=1.4$ days $\times 65 \mathrm{gal} .=91 \mathrm{ga} . \div 4(1 / 4)=22.75$ or 23 gal. per person per day. Hot water $=$ 3 gal. per person per day.
Source: NavFac Mo-303 May 1972 (Utilities Target Manual)
3. Steam - Cu. ft. (SF $\times 10^{\prime}$ ceiling) $\times 3000$ Degree Days (average this area 3-4 years) $x$ factor on BTU's per CF per Degree Days in Plus $25^{\circ}$ column, Table $4-3 \div 12$ months $=$ BTU's per mo. (drop 3 digits to change to lbs. of steam) Source: NavFac Mo-303
4. Water Heating - elect - 1 KWH heats 4 gal. water

Source: Comparison data $\mathrm{fr}, \mathrm{CP} \& \mathrm{~L}$
Water Heating - steam - 1 lb steam heats 1.17 gal. water
Source: Comparison data fr. CP \& I
 Source: Engineering estimate
1/4 customers @ service stations, snack bars, berber and beauty shops use bathroom fac. @ 5 gal, each -10 gal. water per wk. cleanup $=40 \mathrm{gal}$. mo. © offices, stores, etc. (half cleanup water is hot)
10 gal. water per day cleanup @ beauty a barber shops
20 gal, water per wk, cleanup © theater snack bars
$\rightarrow$ 50. gal. water per day cleanup @ snack bars, restaurants, etc. .
10 gal. per day for coffee \& jet spray @ snack bars
$>1$ gal. per customer a barber shops
3 gal. per customer @ beauty. shops
30 gal. per day cleanup @ gas stations


