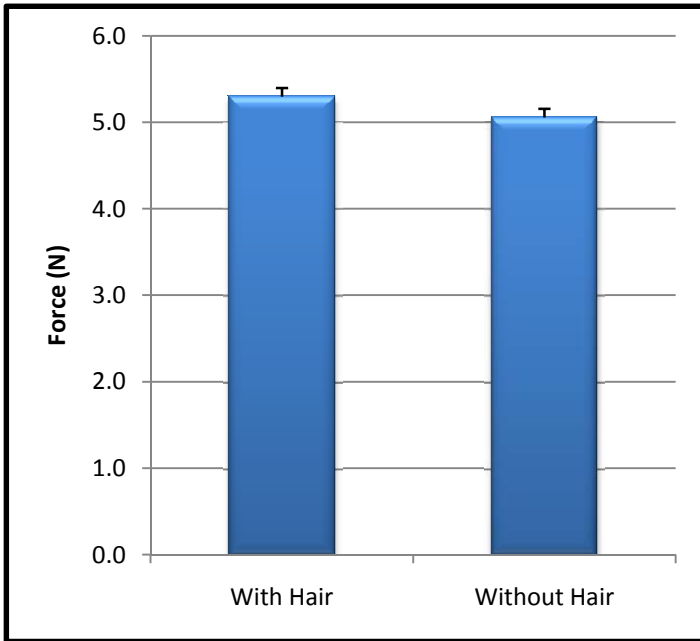


|                     | F Horz (N) | F Vert (N) |
|---------------------|------------|------------|
| <b>Stationary</b>   | 0.0        | 651.5      |
| <b>With Hair</b>    | 5.3        | 651.2      |
| <b>Without Hair</b> | 5.1        | 650.3      |

|                     | SD  | F Horz (N) | F Vert (N) |
|---------------------|-----|------------|------------|
| <b>Stationary</b>   | 0.7 | 1.3        | 1.3        |
| <b>With Hair</b>    | 1.0 | 1.3        | 1.3        |
| <b>Without Hair</b> | 0.8 | 1.3        | 1.3        |



|                               |       |
|-------------------------------|-------|
| n=                            | 2400  |
| windspeed=                    | 12mph |
| percent benefit from shaving= | 5%    |

At 5:00 min/mi, about 8-10% of energy cost is related to overcoming air resistance.