Proposal to DOE

ENERGY STAR
Dishwasher Criteria

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What does CEE do?

1. Develops and promotes voluntary national energy efficiency initiatives

2. Provides a national organization for all administrators of efficiency programs

3. Communicates with other industries on behalf of efficiency program interests
CEE: By the Numbers

- 77 members in US and CAN
- 15 initiatives
- 18 working committees
- 15 staff people
- $1.8 million annual budget
Timing of Criteria Revision

Market is ready now!
  - 86% penetration of ENERGY STAR dishwashers
  - Nearly all mfrs. have highly efficient products (.62+)
  - Over 25% of PG&E 2003 rebates at .62 EF

New CEE spec in January 2006

Recommendation to DOE:
  Expedite revision process
## Energy Factor

<table>
<thead>
<tr>
<th>Level</th>
<th>Energy Factor (EF)</th>
<th>Maximum kWh/year</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEE Tier 1</td>
<td>0.62</td>
<td>355</td>
</tr>
<tr>
<td>CEE Tier 2</td>
<td>0.68</td>
<td>325</td>
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</tbody>
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Recommendation to DOE:

Use CEE Tier 1 EF as starting point
Standby Power

Strong member interest in 1W standby power

Is included in new CEE spec

- Adds maximum kWh/hr requirement based on 8500 annual standby hours
- Maintains EF requirement

Recommendation to DOE:

Include standby power in criteria
Water

CEE spec does not include water

Factors influencing that decision:
- Lack of comprehensive data source on water use
- Limited water utility interest in dishwashers
- Water efficiency and EF correlated

Recommendation to DOE:
Collect information on water use
Pre-rinsing Campaign

May be significant savings potential in changing pre-rinse habits

If research results are positive, many potential roles for ENERGY STAR

- Focus of Spring appliance campaign
- Suggested language in owner’s manual

Recommendation to DOE:

Consider educational pre-rinse campaign
CEE Recommendations

Expedite revision process
Use CEE Tier 1 EF as minimum starting point
Include standby power
Collect information on water use
Consider educational campaign on pre-rinsing
Contact Information

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