SCE&G Nuclear Update
June ‘09
• VCS unit #1 operating well
• Online ~ 1 year straight since last refueling
• Next refueling October 2009
• Continue to receive top marks from regulators
Engineers by School

- USC: 46%
- Clemson: 31%
- NC State: 4%
- Purdue: 4%
- GA Tech: 3%
- Other: 13%
The Need For New Generation

RESERVE MARGIN:
• 12% Target Floor
• 18% Target Ceiling
• Need for base load generation by 2016
Indicative Busbar Cost $/MWH

2009 Busbar Estimates $/MWh

- Nuclear $76
- Land Fill Gas $87
- Combined Cycle $88
- Coal $97
- Biomass $108
- Poultry Litter $113
- Wind (OnShore) $132
- Simple Cycle $229
- Wind (OffShore) $345
- Solar (PV) $682

Legend:
- Fixed Costs ($/MWH)
- Variable Costs ($/MWH)
Generation Mix by Dispatch

By Fuel

<table>
<thead>
<tr>
<th>Fuel</th>
<th>2008</th>
<th>2016</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydro</td>
<td>4%</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
<td>Gas</td>
<td>13%</td>
<td>9%</td>
<td>5%</td>
</tr>
<tr>
<td>Biomass</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>Nuclear</td>
<td>18%</td>
<td>39%</td>
<td>53%</td>
</tr>
<tr>
<td>Coal</td>
<td>64%</td>
<td>48%</td>
<td>38%</td>
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</tbody>
</table>
Proposed New Nuclear Facilities

You may click on a design name to view the NRC’s Web site for the specific design.

- ABWR
- AP1000
- EPR
- ESBWR
- USAPWR
- Design/Units - TBA
New

• Order from PSC approving plants
• Nuclear Operator program with Midlands Technical College
• Short listed for DOE loan guarantees
• Agreement with China
• Hired staff currently @ 63 going to 100
Plant Access Road and Laydown Area 1
Looking Northeast

Construction City

New Plant Access Road
Construction Access Road
Looking North
2 AP1000 Units in Hayiang
2 AP1000 Units in Sanmen
SCE&G has cooperation agreement
Sanmen China

Circulating Water Pipe
Rebar for basemat
First “Safety Related” Concrete
Data from May 2008 IRP