Data Update for Bishop and Clerks, Nantucket Sound, MA
October 2009

Prepared for
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Monthly Data Summary for October 2009
This update summarizes the monthly data results for the Bishop and Clerks monitoring
site in Nantucket Sound, MA, at 41° 34’ 27.6” N, 70° 14’ 59.5” W (NAD 83). More
information on the sensors and site can be found at
www.ceere.org/rerl/rerl_resourcedata.html.

<table>
<thead>
<tr>
<th>Height</th>
<th>Wind Speed</th>
<th>Turbulence Intensity</th>
<th>Prevailing Wind Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 m</td>
<td>8.457</td>
<td>20.48</td>
<td>0.08219</td>
</tr>
</tbody>
</table>

The data can be found at the Renewable Energy Research Laboratory web site:
www.ceere.org/rerl/rerl_resourcedata.html. It is important to note that summary data are
only reported when the monthly net data recovery (see below) is at least 90%. This
requirement ensures that the values reported here are comparable with values from other
months.

Additional information about interpreting the data presented in this report can be found in
the Fact Sheet, "Interpreting Your Wind Resource Data," produced by RERL and the
Massachusetts Technology Collaborative (MTC). This document is found through the
RERL website:

Data Recovery
All raw wind data are subjected to a series of tests and filters to identify data that are
faulty or corrupted. The gross percentage of data recovered (ratio of the number of
raw data points received to data points expected) and net data recovered (ratio of raw
data points which passed all QA control tests to data points expected) are shown
below.
Maintenance Issues and Changes to Site Configuration

No Maintenance was undertaken at the site during this period

Monthly Data Time Series

Seen below is a graph of wind speed at Bishop and Clerks for the month of October 2009, measured at the anemometer height of 15 m.

<table>
<thead>
<tr>
<th>Gross Data Recovered [%]</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Data Recovered [%]</td>
<td>99.658</td>
</tr>
</tbody>
</table>