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????????????????Vestas Wind Systems A/S????????????????????BTM Consult APS
????2008????????80????????????????19.8%?

???? (Vestas) ????????????????????? 10???????????????? 2005 ????????? 27.9%
?? 850kW ?3MW???????????????? 1979
??

???????????????????? 30
??

????????????????????1986????????????????????????????13
??

??2009?6????????????1,728????????1,736????????????????????????2,000
??

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1999??360????????????????12
???????? 2005????????????????????100????????????????80%?

??2009
????????????????????????????????????2008????????2,000????????2009????
1,200????

???

1986????????????????????3?V15-55kW??

[illegible]

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?????100??2008
 ?????????????????MCT????????????????SeaGen????????????????????

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1. 1998 10 4.1 AC()
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???????????????? 15 ? 40 ?????? 5 ? 10 ? 15 ?????? 120 ? 150 ????????? (2002 ?) ?? 1.5
 ????????????????? 5 ??

???? Horns Rev ?????????????????????????? 400KV ? 150KV ??????????????????????
150KV ?????????????????????????? 150KV ??????????????????????????

2. ??????

[illegible]

3. ??

???? 120-150 ????????? 30 ? 33 ????????????????????? 30 ? 150 ?????????????????????
150 ???????

4. ???????????

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(HVDC) ?????????????

5. ????

???????????????????????????????? Tunoe Knob ? Vindeby ?????????????????

???????????? 1.5
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6. ????

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?????https://www.vestas.com/

???http://www.siemens.com/businesses/cn/zh/wind-power-and-renewables.htm

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http://www.baike.com/wiki/%E6%B5%B7%E4%B8%8A%E9%A3%8E%E7%94%B5%E5%9C%BA