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14 August, 2009

National Grid
National Grid House
Warwick Technology Park
Gallows Hill,
Warwick CV34 6DA

For the attention of Mr Graham Stein.

RESPONSE TO NATIONAL GRID DOCUMENTS

on

Operating the Electricity Transmission Networks in 2020 (Initial Consultation)

Dear Mr Stein,

Thank you for the opportunity to comment on your documents entitled as above.

We found some misunderstandings in Table 12 and 13 (Comparison of Battery Technologies) regarding "Sodium Sulphur Battery".

Therefore we would like you to replace with followings :-

Table 12

Average Efficiency: 85%

Largest Current Capacity: 34MW and 204MWh

Life: 15 years @300 cycles per year

Cycle Life: 4500@100% DOD

Development Status: Commercial

Table 13

Technology:

**Positive sulfur electrode and negative sodium electrode separated by sodium ion
conductive ceramic**

Advantage:

Commercially available, actual operation (300MW in 200 sites) and high energy density.

Disadvantages:

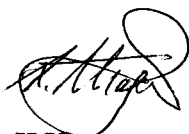
Please delete reference.

**We would like to suggest that the column of annual production capacity should be added
to Table 13.**

In our case, current capacity is 90MW per year.

**Please contact the undersigned or our consultant, Mr Anthony Price(Mobile
077-1722-2041), if you wish further clarification of these comments.**

Yours sincerely,



K Urayama

Deputy Managing Director

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