

Samsø Havvind - AnlægsbudgetBedste skønProjektudvikling:(1.000 kr.)

Samsø Energiselskab	667		
Øvrige udviklingsomkostninger	<u>9.138</u>	9.805	9.806.
Diverse myndighedsgodkendelser		1.000	282
Reserve ekstra rådgivningsydelse		1.000	60

Projektsekretariat:

1.933

2.819.

Enterprisekontrakt:

221.072

221.352.

Reserver:

Reserver vejrlig, havbund m.m.

7.000

Vejrlig m.m.	2.000.
Havbund	3.645.
andres omk.	1.338.

Samlet investering

241.810

241.302.

1998	80.000
2000	265.000
2001	<u>397.000</u>
SES	742.000 indg
	↓
7.362.000 ~	10%

Aage Johnsen (VE-Ø)

Fra: Aage Johnsen (VE-Ø)
Sendt: 25. maj 2004 10:55
Til: 'Patrick Hartigan (E-mail)'; 'Sebastian Will (E-mail)'
Cc: 'Brian Juel Jensen (E-mail)'
Emne: SV: CORE Business - RE Capital allocation Models

And SEC used app. 1200 hours on Feasibility!//Aage

-----Oprindelig meddelelse-----

Fra: Aage Johnsen (VE-Ø)
Sendt: 25. maj 2004 10:50
Til: Patrick Hartigan (E-mail); Sebastian Will (E-mail)
Cc: Brian Juel Jensen (E-mail)
Emne: VS: CORE Business - RE Capital allocation Models

Hi Sebastian

Look at your punctuation under economics!

And then I have changed your PP with the quest. 1 - 3, and I'll add something below.

Beswt regards, Aage

-----Oprindelig meddelelse-----

Fra: sebastian.goelz@ise.fraunhofer.de [mailto:sebastian.goelz@ise.fraunhofer.de]
Sendt: 19. maj 2004 16:35
Til: Aage Johnsen
Cc: 'euroscan@skynet.be'; 'Hartigan'
Emne: CORE Business - RE Capital allocation Models

Dear Aage, dear Brian

please find attached the input from your replies in the Capital allocation model.

Now we can precise the remaining informations which are needed. In the slides we have circled some items with red colour and for each circle we have some questions.

I know that it looks so much but it would be a very valuable input for future argumentation.

Question 1:

- Where does the executing company for the turnkey installation comes from (Samsø, from Denmark or from abroad)? [Aage Johnsen (VE-Ø)] Look PP
- Did they bought the Equipment from other companies ? How much was paid approx. to them? (percentage of money from the total budget)
- Did they subcontracted companies for engineering and civil engineering (fundaments) from Samsø, from Denmark or from abroad? How much was paid approx. to them? (percentage of money from the total budget) [Aage Johnsen (VE-Ø)] I don't know.

Question 2 & 3:

- Is it right that Samsø Energy Company acted as a general consignee? [Aage Johnsen (VE-Ø)] Yes, Feasibility stud. Did you subcontracted other companies for planning and feasibility studies? [Aage Johnsen (VE-Ø)] Yes especially GGE (DK) Where did they come from? [Aage Johnsen (VE-Ø)] and the 6 - 7 other firms and org. from DK

- How much was paid approx. to them? (percentage of money from the total budget) [Aage Johnsen (VE-Ø)] 10 % of Feasibility to Samsø Energy Comp. [Aage Johnsen (VE-Ø)] (App. 1200 hours). 90 % to other DK firms/Organ.

Question 4:

[Aage Johnsen (VE-Ø)] I'll try to return on that, later on.

- Who is the operator?
- How much is spent annually for O&M service? Which company/companies is/are in charge of doing O&M? Where are they located?
- Is it possible to quantify the financial partition to the different O&M companies?
-
- How much is spent annually for spare parts? Which company/companies is/are in charge to supply spare parts? Where are they located?

Question 5:

- When is the first time that the annual rate of return is paid to the shareholder?
- How much is the annual rate of return, does the sum increase with the years. Is it a fixed rate or variable according to the operation profits?

Thank you for your input, talk to you soon,

with best regards
Sebastian Goelz

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Køb af andele – nøgletal

For at købe andele skal du udfylde og underskrive vedlagte tegningskontrakt. Hvis du allerede har betalt option for dit køb fratrækkes dette beløb totalinvesteringen.

Tegningskontrakten bedes indsendt hurtigst muligt, idet ledelsen ønsker overblik over antal bindende tegninger.

Der skal indsendes 1 kontrakt for hver person der ønsker at tegne andele. Kontrakten kan kopieres, eller der kan bestilles flere fra sekretariatet.

7 dage efter indsendelse af tegningskontrakten bedes det fulde beløb på **3150 kr.** pr. andel indbetales på laugets konto i nedenstående pengeinstitutter. Tegningskontrakterne modtages og behandles efter princippet ”første til mølle”.

Sørg venligst for at beløbsoverførsel sker til tiden. Vi har en venteliste og du risikerer at komme bag i rækken.

Indbetaling skal ske til:

Paludans Flak I/S
Jyske Bank 6260 111473-9 eller
BG Bank 0536 4516071605

Spørgsmål til:

samsø@sek.dk
tlf. 86592322 fax 86592311

Nøgletal:

De 10 havvindmøller har en beregnet produktion på 77.650.000 kWh/år

Møllernes produktion vil årligt spare naturen for følgende forurening.

Svovldioxid	(SO ₂)	226 ton
Kvælstofilter	(NO _x)	223 ton
Kuldioxid	(CO ₂)	66300 ton
Støv og slagger		4290 ton

Besparelsen skal ses som den mængde kul der skal bruges til at producere 77.650.000 kWh

Samsø of-shore wind turbines

Expenses for developing, investigations and construction

	1000 DKR	
Developing expenses	9,865	
Public approvals	282	
Expenses for management and secretariat	<u>2,818</u>	
In all	12,965	
Turn key expenses for 10 wind turbines	221,352	
Extra expenses:		
- Weather problems	2,000	
- Sea bed problems	3,645	
- Other expenses	<u>1,338</u>	
In all	228,335	
In total, exclusive of VAT	241,300	$: 7.5 \text{ €}/\text{DKR} \times 10^3 = 32.173 \text{ mill. €}$
Expenses paid by the owner groups, per turbine		3.2173 mill. €

Planning and organising expenses only paid by the Danish Energy Agency

Pre investigations for 4 locations concerning: Wind resources, Electrical grids, Sea bed and Foundations, Environment, Visualizations, Organisation, Economics etc. 1999	1,071	
Investigations for the final location, detailing of the subjects above, 2000 – '01	4,853	
Test drillings in the seabed, 2001	<u>1,438</u>	
Total, excl. VAT	7,362	$: 7.5 \text{ €}/\text{DKR} \times 10^3 = 0.982 \text{ mill. €}$

AJN, d. 14.05.04

Udbetalf:

400 kr/andel Reelf

462 - " - Skattem.

41,69 - " - Følles idy.

Salg Ordiner:

3965 and. have

239,33 kr/andel

- " Skat bev.

30,59 - " -

Prod. $\frac{121.303 \text{ kr}}{0,02 \text{ kr/hmm}}$

⇓

6.065.150 kWh

Prod. $\frac{1.305.808}{0,43}$

⇓

Forhers $\rightarrow 3.036.742 \text{ kWh}$

②

③

Salg af ed
 ÷ Skattem.
 $\frac{2519.529}{121.303}$
2398.226

0,43

⇓

5.577.270

SH:

- Produktion/Salg kWh
- SHs Requir.
- AVN - " -
- Leads
- Anken