

**NAMPOWER EIA – AUAS TRANSMISSION STATION TO REHOBOTH
SUBSTATION
PUBLIC MEETING AUAS GAME LODGE, 08 NOVEMBER 2005, 18h00
GROUP 2**

Agenda:

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|--------------------------------|---------------------------------------|
| 1. Welcome and Introduction | Ms Stephanie van Zyl: Enviro Dynamics |
| 2. Technical Background | Mr Gert Fourie: NamPower |
| 3. Questions for clarification | |
| 4. EIA and EMP Procedures | Ms Stephanie van Zyl: Enviro Dynamics |
| 5. Questions for clarification | |
| 6. Identification of Issues | |
| 7. Closure | |

Attendees:

Consultant Team:

Stephanie van Zyl – Enviro Dynamics

Mike Everett – Namibia Resource Consultants

Christelle Tromp – Namibia Resource Consultants

NamPower:

Pal Strauss

Gert Fourie

External Reviewer:

Dr. Peter Tarr – Southern African Institute for Environmental Assessment

Interested and Affected Parties:

Dr. Hansjörg Adler – Auas Game Lodge

Mr. E.W. Romeis – Farm Binsenheim

Mr. H.G. Romeis – Farm Neu Brack

Mr. Alex Gous – Farm Doringbaum (no. 74)

Mev. H. Frenzal – Farm Dir – Elis (no. 74B)

Mr. Halenke – Farm Hohewarte



1. Welcome and Introduction Ms Stephanie van Zyl: Enviro Dynamics

Ms. van Zyl welcomed everybody present. She introduced the Consultants team and the representatives from NamPower as well as Dr. Peter Tarr, who represents the Southern African Institute for Environmental Impact Assessment. She explained that the purpose for the public meeting is to inform the public of the proposed new power-line and to give everybody the opportunity to ask questions and raise their concerns. The aim for the EIA is to ensure that as little possible damage is caused to the environment (including people) with the erection of the proposed line.

2. Technical Background Mr Gert Fourie: NamPower

Mr. Fourie showed NamPower's power supply network of Namibia. He then showed the 66 kV line that is currently providing power to Aris, Leutwein, Groot Aub, Oamites, Rehoboth, Oanob and Klein Aub, which is presently over stretched.

He stated the reasons why NamPower needs to build this 132kV line, as follows:

- The 66kV system is stretched with very long lines;
- It is supplied from only one source (Van Eck);
- There is a growing power demand to Sossusvlei and the western areas;
- Rehoboth has been identified as a central growth point and needs upgraded power supply;
- Power supply constraints are experienced due to the weak 66 kV system;
- The power is of poor quality;
- An upgrade through the 132kV line would ensure security of supply.

He explained that the project would be implemented in the following way:

- A 132kV line must be constructed from Auas Transmission Station to Rehoboth Substation;
- The length of this line would be approximately 88km;
- The structure would be single guided steel poles;
- The Substation at Rehoboth will have to be expanded to include 132kV equipment and transformer;



- It will also imply small changes at other substations.

Mr. Fourie then showed photographs of the structures and what one will see. The single steel structures are 23m high with a servitude of 40 m. Poles need to be approximately 300m apart.

Timing of the project is scheduled for construction to commence during first half of 2006. It was made clear that one cannot tap power from this line running across your farm.

3. Questions for Clarification to Mr. Fourie:

Q Mr. HäG Romeis: Please ask the bulldozers to open up the servitude by only removing 10cm of topsoil and not 40cm, which caused erosion previously.

A Stephanie van Zyl: We will minute this welcome suggestion.

Concern Mr. E.W. Romeis: NamPower must compensate the farmers who will have to accommodate a third power-line over their farms by providing us with electricity. We have all these lines over our farms, but when we apply for electricity, NamPower quotes us N\$ 300 000,00. NamPower must updrage the power-line to Auas Game Lodge to provide other farmers with electricity. With the previous line NamPower promised us electricity, but nothing came of it. If we do not get electricity we will not allow this line to cross our farms.

Concern Dr. Hansjörg Adler: Auas Game Lodge is reliant on tourism for its income. We have two big power lines over our land and now NamPower wants to build a third line. One cannot say that this line is small and not so visible. One has to look at the cumulative visual effect of the three lines running parallel to each other. We provide employment for 20 people and if tourists do not come here because they do not want to see this power supply network, we will have to close down. Auas Game Lodge paid N\$ 300 000,00 to get power.



Concern Dr. Hansjörg Adler: NamPower says the lines cannot go underground, because it is too expensive. This option should be considered, ;what about us owners who have to pay all the way?

Q Auas Game Lodge: Is it possible that the new line follow the route of the previous two lines, so that you do not break up undisturbed land?

A Stephanie van Zyl: It is the intention to keep the proposed new line as close to existing corridors where possible; we will consider this option.

Q E.W. Romeis: Can the two power lines, i.e. their servitudes be placed right next to each other?

A Gert Fourie: Yes, the power line servitudes, but not the power lines per se can be placed next to each other, because one needs to cater for the event that one might fall onto the other.

Q Stephanie van Zyl: Would crossing the 220kV line be a problem?

A Gert Fourie: No

Q: Why not tap electricity from the south?

A Gert Fourie: The distance to the nearest substation at Mariental is too long. Also, to be able to bring power from the south one would need to use different voltage, which is costly.

4. EIA and EMP Procedures Ms Stephanie van Zyl: Enviro Dynamics

Ms. van Zyl explained the Process that will be followed in conducting the EIA and EMP. She confirmed the justification of the power lines as explained by Mr. Fourie. The next step is to consult with interested and affected parties and stakeholders, which was done through public meetings. She requested that, if the Consultants did not reach an interested and affected party, those present should assist in bringing the message and the contact details to them. A bird specialist, a botanist and an archaeologist is currently gathering field and desk data for selecting the best possible route. Enviro Dynamics and NRC will then combine the specialist studies with the concerns of Interested and Affected Parties and use all the data to evaluate the



proposed route. They will then meet with NamPower to decide on the final route. The EMP is composed to minimise the negative environmental impacts of construction and operational phases. This process is followed to comply with Namibia's Environmental Assessment Policy. Ms van Zyl also explained the deadlines for submitting the reports, and that the team will be in contact with those present so that they may review the documents.

5. Questions for Clarification to Stephanie:

None

6. Identified Issues raised by each Farmer:

6.1. Auas Game Lodge – Dr. Hansjörg Adler

Cumulative visual impact of three lines would be unacceptable. Please produce a picture with all three structures on it so that one can see the cumulative impact of all three.

6.2. Binsenheim – Mr. Romeis

Water reservoir and impact on birds.

6.3. Rooibrak – nobody attended

6.4. Doringbaum – Mr. Alex Gous

No impact

6.5. Hohewarte – Mr. Halenke

A cement dam that has water throughout the year.



6.6. *Neu-Brach no. 454 – Mr. HäG Romeis*

No impact on own farm. He spoke on behalf of the Namatanga Conservancy. We have three lines and one powerstation in our conservancy. We request that you move the new line towards Rehoboth along the existing Auas Mountain line (66kV) to Aris and Peralien (a factory about 35km south of Windhoek). Upgrade the existing line from Peralien to Auas Lodge to supply farmers with power, seeing that farmers cannot take power from the new power line.

6.7. *Dir-Elis (no. 74 B of Doringbaum) – Mev. H. Frenzel*

The farm is 3 000 ha. Two lines already traverse the centre of prime grazing veld and over 2 water dams. She is concerned to sacrifice more grazing area and to have possible erosion. She is also convinced that the lines have a health impact on her livestock, because she found one of her bulls dead right under the line. She found that birds nest in the existing 400kV line and consequently get electrocuted. NamPower does not maintain these lines to keep birdnests away to protect the birds.

7. Closure

Ms Stephanie van Zyl: Enviro Dynamics

Ms. van Zyl thanked everybody who made the effort to come to the meeting and for their input. She invited everybody to contact either Enviro Dynamics, NRC or NamPower if there are any other questions and/or complaints.





AN ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PLAN OF THE PROPOSED 132
KV POWERLINE FROM THE AUS TO THE REHOBOTH
SUB-STATIONS

CONSULTATION MEETING: Aus Lodge
08th November 2005 at 18h00

ATTENDANCE LIST

NAME	ORGANISATION	TELEPHONE	FAX	POSTAL ADDRESS	E-MAIL ADDRESS
Dr. Hansjörg Adler	Auas Game Lodge	(061) 240-043	(061) 248-633	P.O. Box 80887, Whk	auas@iafrica.com.na
E.W. Romeis	Farm Binsenheim	(061) 231-230		P.O. Box 189, Whk	
H. G. Romeis	Farm Neu Brack	(061) 234-777	(061) 234-777	P.O. Box 372, Whk	



NAME	ORGANISATION	TELEPHONE	FAX	POSTAL ADDRESS	E-MAIL ADDRESS
Dr. Peter Tarr	SAIEA	(061) 220-579		P.O. Box 6322, Ausspannplatz	peter.tarr@saiea.com.na
Mr. Alex Gous	Doringbaum No. 74				
Mr. Holenke	Hohewarte				
Mev. H. Frenzel	Dir-Ellis (No. 74B van Doringbaum)				
Sydney Chimunda	Siemens	081-127-7716	278-701	P.O. Box 23125, Whk	sydney.chimunda.com

