

**KOEBERG TRANSMISSION INTEGRATION PROJECT**

**COMMENTS AND RESPONSE REPORT: I&APs & STAKEHOLDERS**  
**Scoping Phase: Comments Received on Draft Scoping Report**

No.	Issue	Raised by	Response
<i>General</i>			
1	Please register me as an interested and affected party.	Roy Nagan, Atlantis Civic Association, comment by fax, 09 December 2009	Comment noted.
2	Please register me as an interested and affected party.	Amanda George, Atlantis Ward Forum, comment by fax, 09 December 2009	Comment noted.
3	Please register me as an interested and affected party.	Theunis Mack, Atlantis Ward Forum, comment by fax, 09 December 2009	Comment noted.
4.	All existing 400kV lines servitudes leaving Koeberg have no regard for natural vegetation preservation. Unsightly and insensitive. Is this an extension of the same?	David Wighthand, individual, comment by fax, 17 November 2009	Comments noted. The proposed new power lines will be subject to the specifications of the Environmental Management Plan which will form part of the EIA Report.
5	We had a look at the distribution of your draft scoping report and suggest that you make sure that the reports get placed in the Kraaifontein and Fisantekraal libraries as well.	Pat Titmuss, Regional Manager: Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	Comment noted. The EIA team will ensure that copies of the reports go to the Kraaifontein and Fisantekraal libraries as well.
6	Will your reports be subjected to the new proposed 40 days public review periods?	Katy Spalding, Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	This EIA process is being undertaken in accordance with the current EIA legislation which stipulates 30 days public review. The new proposed 40 days comments period is only a proposal at this stage and has not yet been promulgated.

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7	Do you have all of the City of Cape Town's documents for planning, environment, the SDF and the IDP?	Morne Theron Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	Yes, we have all the documents.
8	Do you have the biodiversity and wetlands maps?	Morne Theron Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	Yes, we have these maps.
9	Do you have detailed maps (1:50 000) of each section of the transmission route we can review?	Morne Theron Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	Detailed maps of all the proposed power line sections are available on the Savannah Environmental webpage ( <a href="http://www.savannahsa.com">www.savannahsa.com</a> )
<b>Koeberg - Muldersvlei - Stikland</b>			
<b>Local Eskom Distribution</b>			
10	Eskom Distribution services might be affected. Have some planned projects in the area, but the corridors are not clear to determine how these will be affected.	Magda Le Roux, Eskom Distribution, Land and Rights Practitioner – Brackenfell, comment by fax, 24 November 2009	Comment noted. More detail in this regard will be obtained through the EIA process in order to assess whether there will be any impacts on the planned projects in the area.
<b>Tower Types &amp; Visibility</b>			
11	<i>1. Acacia Muldersvlei main scoping report:</i>  Figs. 2.3 to 2.5 give details of three types of power cable supporting structures. I have no doubt that structurally there can be no question that any of these designs will be entirely suitable for carrying the cable loads. However, the designs shown in Figs. 2.3 and 2.4 show steel	R Mike Longden-Thurgood, individual, comment by e-mail, 9 December 2009	Comment noted.

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	<p>supporting structures which require to be stabilised by ground-mounted cables. People who want to steal the copper cables are very clever at overcoming all sorts of design features to achieve their objective. I would consider these two designs to be the most vulnerable because cutting the tie cables to three or four of them in line would be sufficient to get the cables close enough to the ground, from which stance those who are intent on stealing them will no doubt have worked out how to cut them without getting electrocuted. Is there field experience of the safety of these two support designs from the point of view of deliberate damage with intent to steal the cables?</p> <p>Environmentally, these are the two most elegant cable support structures, but that may not be the criterion on which to work when making the final choice, unless there is direct experience to demonstrate otherwise.</p>		
12	<p>2. <i>Koeberg-Stikland and Koeberg-Muldersvlei main scoping reports:</i></p> <p>My main comments are as for item 1 above. However, as these two DSRs deal with alternate power line routes, will the draft EIR be prepared in a way which will allow direct comparison of the pros and cons for these alternates in the same report? I assume that a positive decision will be made for the FEIR which one will be selected.</p>	<p>R Mike Longden-Thurgood, individual, comment by e-mail, 9 December 2009</p>	<p>Although recommendations regarding the final tower type will be included in the EIA Report, as appropriate, the final tower type/s to be used on the power line will be selected by Eskom through the final design process on the basis of the local topography and consultation with the affected landowners.</p>

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13	Where all three DSRs are concerned, I don't have any comments about servitudes because these will be the interest of landowners. Nor about the various other issues which are dealt with in the appendices where societal and environmental interests are dealt with.	R Mike Longden-Thurgood, individual, comment by e-mail, 9 December 2009	Comment noted.
<b>Koeberg -Omega</b>			
<b>Current Servitude</b>			
14	This office concurs that the shortest route (Koeberg-Omega), along the existing servitude of the proposed transmission line route determination should be the preferred route alternative subject to extensive mitigation measures being implemented.	Pat Titmuss, Regional Manager: Environmental & Heritage Management, City of Cape Town, comments by e-mail, 11 December 2009	Comment noted.
<b>Biodiversity offset</b>			
15	It should be noted that some sort of biodiversity offset is likely to be recommended at the Environmental Impact Assessment stage in order to compensate for the unavoidable loss of existing biodiversity and habitat along the proposed routes.	Pat Titmuss, Regional Manager: Environmental & Heritage Management, City of Cape Town, comments by e-mail, 11 December 2009	Comment noted.
<b>Kleine Zouterivier Landowners Issues</b>			
16	We are really frustrated by Eskom in how we were treated in the previous Ankerlig-Omega process. We still don't know where we stand with Eskom as no Eskom official has come back to meet and inform us what the status of the project was. Promises were made, and now once more we are meeting with your team.	Shawn Viljoen, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	Comment noted.
17	I want to see detailed maps showing all new transmission lines being proposed that cross our	Shawn Viljoen, landowner, Kleine Zouterivier, FGM,	Comment noted. It is not possible at this stage to provide the exact alignment of the proposed power lines as this

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	properties. We need to see the line servitudes over our properties as you don't have fine scale details you can present to us. Each landowner present needs to see precisely where each line would be situated on their property if it goes over their property.	Koeberg Visitor Centre, 17 November 2009	will be determined during the negotiation and final design stage of the power line. However, an indication of the alignment of the corridor under investigation in relation to the affected properties will be made available for further discussion.
18	Will we as a Kleine Zouterivier community be boxed in by transmission lines if you get the Koeberg-Omega deviation 1 authorised? Nobody here wants to live in a transmission line zone that would affect us all.	Shawn Viljoen, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	Comment noted.
19	What is the footprint of the new Koeberg-Omega corridor and the Koeberg-Omega deviation corridor going to be?	Robby van Wyk, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	5 lines are proposed between the Koeberg-2 HV yard and the Omega substation. Each line requires a 55 m wide servitude. The EIA process is considering a 5 km wide corridor in the assessment process. The alignment of the lines within the approved corridor (should Eskom receive a positive authorisation) would be negotiated between Eskom and the affected landowner/s.
20	I think your map indicating the site and corridors are wrong. We require detailed maps to discuss each of the affected landowner's properties.	Hannes Booyesen, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	Comment noted. It is not possible at this stage to provide the exact alignment of the proposed power lines as this will be determined during the negotiation and final design stage of the power line. However, an indication of the alignment of the corridor under investigation in relation to the affected properties will be made available for further discussion.
21	How many lines do you have in the current corridors out of Koeberg Nuclear Power Station? How many more lines are planned as part of this study? Does this include or exclude the Ankerlig-Omega authorised transmission line?	Ruan Theron, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	There are currently 5 lines between Koeberg and Omega. This does not include the Ankerlig-Omega line. The proposed koeberg-2 Integration Project proposed 5 additional lines between the Koeberg-2 HV yard and the Omega substation.
22	When will the Ankerlig-Omega transmission line be built? It's been two years since you received	Ronel Gerber, landowner, Kleine Zouterivier, FGM,	Eskom is currently undertaking feasibility studies in terms of the costs and availability of natural gas to fuel the

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	<p>authorisation and soon your authorisation will be running out to build. We have been waiting for Eskom to hear on progress and our lives have been falling apart in all the promises made by Wimpie Henning. Nothing has materialised.</p>	<p>Koeberg Visitor Centre, 17 November 2009</p>	<p>converted power station. It is unknown at this stage if the power line is still to be constructed.</p>
23	<p>We are frustrated about the Eskom "Silent Negotiations" with certain landowners that occurred in the Kleine Zoutrivier area. The Koeberg-2 Transmission Integration Project will cover the entire Kleine Zouterivier area and will affect all the landowners present at this meeting. We all need to have a say and should be included in negotiations where all the facts are on the table in the presence of senior Eskom staff from Land and Rights who can make decisions and negotiate with landowners. Eskom need to come clear on what its intentions are with the Kleine Zoutrivier Precinct. Do they need the land for servitudes or not. The landowners' lives cannot be put on hold any longer.</p>	<p>Hannes Booysen, Shawn Viljoen, Ronel Gerber and Monique Schutte landowners, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009</p>	<p>Comment noted. It was agreed that a follow up meeting was required where senior Eskom representatives are present.</p>
24	<p>We require open and fair land negotiations for all.</p>	<p>Ruan Theron, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009</p>	<p>Comment noted.</p>
25	<p>We want to focus on the future to resolve land issues. We cannot go back.</p>	<p>Hannes Booysen, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009</p>	<p>Comment noted.</p>
26	<p>The previous land negotiations with us have yielded no results and we are still waiting on Wimpie Henning. He made numerous promises to us which have not materialised.</p>	<p>Ronel Gerber, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009</p>	<p>Comment noted.</p>

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27	We require open communication from Eskom with all landowners.	Dawie Theron, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	Comment noted.
28	Will a new nuclear power station be built?	Dawie Theron, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	Eskom is currently investigating sites for the establishment of a new nuclear power station. Three sites are being investigated within the EIA process, i.e. Thuyspunt, Bantamsklip and Duynefontein. It is not known at this stage which site, if any, will be selected for the new nuclear power station. The project is currently at feasibility stage.
29	What is the timeframe for the new nuclear power station?	Dawie Theron, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	The decision regarding where the proposed power station could be established lies with the authorities. As part of the forward planning process, two parallel EIA processes are being undertaken, i.e. one for the power station and one for the lines. The timeframes associated with the project are unknown at this stage.
30	It is crucial that we get the timeframes for land negotiations right.	Hannes Booyesen, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	Comment noted.
31	We require details and exact planning for the Kleine Zouterivier area.	Hannes Booyesen, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	Comment noted.
32	How will Eskom access the new proposed corridors? Will Eskom assist in ensuring that the Kleine Zouterivier Access Road gets declared a City of Cape Town Public Road? In accordance with the nuclear regulations we should have an escape route in this area. We only have one	Hannes Booyesen, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	Comment noted.

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	road in and out. There is no escape route in the event of an emergency at Koeberg.		
33	We would like to know how the new Koeberg-2 Transmission Integration Project with all its new transmission lines affect our properties, our health, the risk of living in the area and our property prices?	Shawn Viljoen, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	These issues will be addressed through the EIA process. The social impact assessment (SIA) specialist will conduct interviews with affected parties within the study area in order to obtain an understanding of current land uses, property values, etc. The impact on these will then be assessed in detail in the SIA.
34	Who wants to live boxed in by high voltage transmission lines?	Monique Schutte, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	It is important that the cumulative impact on the area is assessed in the EIA phase.
35	What will happen to the Ankerlig-Omega transmission line? Will it be built through Kleine Zouterivier?	Jakes Jenkinson, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	It is unknown at this stage if the power line is still to be constructed.
36	I have a sand mine on my property. Will Eskom reward me or purchase my property?	Jakes Jenkinson, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	This issue will be addressed through the negotiation and compensation process to be undertaken by Eskom should they receive a positive Authorisation for this project.
37	Are you telling us that we as landowners have no choice in the decision making process and what happens in our community?	Monique Schutte, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	Landowners have the right to participate in the EIA process and raise their issues and concerns. These issues and concerns are recorded and presented to DEA for their consideration in the decision-making process. Following the issuing of a decision, landowners have a further opportunity to appeal the project if they still wish to object to the project.
38	Nothing has happened for two years on the Ankerlig-Omega power line. We have put our lives on hold; we have not developed our properties; our land has been devalued and still no response from Eskom.	Ronel Gerber, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	Comment noted.

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39	We need a timeframe from Eskom for buying out our land.	Ronel Gerber, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	Comment noted.
40	We cannot put our lives on hold in waiting for Eskom.	Monique Schutte, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	Comment noted.
<b><i>Koeberg – Omega (Deviation 1)</i></b>			
42	This office concurs that the Alternative 1-Koeberg-2 to Omega direct route, should be the preferred route alternative.	Pat Titmuss, Regional Manager: Environmental & Heritage Management, City of Cape Town, comments by e-mail, 11 December 2009	Comment noted.
43	Have you spoken to the landowner at the Vaatjie historical homestead as the Koeberg-Omega deviation 1 will directly affect the historic homestead?	Hannes Booyesen, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	This landowner has been identified and will be consulted as part of the EIA process.
44	What will the cost be of utilising the current Koeberg corridors and the Koeberg-Omega deviation 1?	Hannes Booyesen, landowner, Kleine Zouterivier, FGM, Koeberg Visitor Centre, 17 November 2009	The economic implications of the various alternatives identified will be investigated by Eskom.
45	Are you aware of Vaatjie? The historical homestead on Deviation 1 Koeberg-Omega servitude?	Morne Theron Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	The project team is aware of this historical homestead. It has been flagged by the Kleine Zoutrivier landowners and is noted in the heritage study appended to the scoping report.
<b><i>Koeberg – Stikland (R300 Corridor)</i></b>			
<b>Stellenryk Ratepayers Association</b>			
46	With regard to the assessment study that you are conducting on behalf of Eskom I have	Allan Kearsy, Chairperson, Stellenryk Ratepayers	Eskom is not aware of the 400 kV Transmission power line upgrade to Stikland substation, however we are aware

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	<p>completed the reply form stating the rate payers association represented and do have some concerns that the upgrading of the old power lines is already in progress and this is being done without showing any regard to homes within the EMF range.</p> <ul style="list-style-type: none"> <li>• 400kV Transmission power lines upgrade to the Stikland substation, house are easily encroached within the 800 meter range where the field strength will not fall below 1mg under distances above 800meters.</li> <li>• Potentially carcinogenic.</li> <li>• Increased Leukaemia affect.</li> <li>• Property devaluation.</li> <li>• Visual impact</li> </ul> <p>Yes our association strongly objects and will gladly participate in any public debate but it does seem as though no actual consideration was given to interested parties before the event was under taken. We hereby reserve our constitutional right to raise our concerns to a much higher level before the project is completed.</p> <p>Work is continuing throughout the night at an alarming rate. Why the rush?</p> <p>Please advise urgently.</p>	<p>Association, comment by e-mail, 19 November 2009</p>	<p>that Eskom Distribution is currently replacing some old structures for the Eversdal - Stikland 66kV line. There will be no upgrade of power on this line and the voltage will remain the same. The replacement of these towers is part of maintenance and will not impact on EMF range.</p> <p>Eskom conduct some work at night on this line as part of avoiding outages in the area as the lines are already in use.</p>
47	<p>Our concerns are:</p> <ul style="list-style-type: none"> <li>• Close proximaty to the field</li> <li>• Potentially carcogenic effects</li> </ul>	<p>Allan Kearsy, Chairperson, Stellenryk Ratepayers Association, comment by</p>	<p>Comments noted.</p>

No.	Issue	Raised by	Response
	<ul style="list-style-type: none"> <li>• Visual impact on view</li> <li>• Property valuation</li> </ul>	fax, 20 November 2009	
<b>Biodiversity Off-set for Koeberg-Stikland</b>			
48	It should be noted that some sort of biodiversity offset is likely to be recommended at the Environmental Impact Assessment stage in order to compensate for the unavoidable loss of existing biodiversity and habitat along the proposed routes.	Pat Titmuss, Regional Manager: Environmental & Heritage Management, City of Cape Town, comments by e-mail, 11 December 2009	Comment noted.
<b>Sensitive Areas</b>			
49	This office concurs that the Koeberg-Stikland route, along the existing servitude of the proposed transmission line route determination should be the preferred route alternative subject to extensive mitigation measures being implemented and a method statement being provided for the construction work required in the very high sensitivity area. The transmission lines proposed in this high sensitivity area should be aligned north west of the existing sensitive areas as development has recently been approved on the portion of land abutting the eastern side of sensitive area.	Pat Titmuss, Regional Manager: Environmental & Heritage Management, City of Cape Town, comments by e-mail, 11 December 2009	Comment noted.
<b>CapeNature's Comments on Koeberg-Stikland, Acacia Loop-in lines &amp; Koeberg-Omega Transmission lines</b>			
50	<p>CapeNature would like to thank you for the opportunity to comment on the above report. In order to ensure that there is sufficient information for an informed decision to be made, please address the necessary ecological issues as outlined in the attached letter.</p> <p>In particular, we are pleased to note that more</p>	Samantha Ralston, Land Use Planning, CapeNature Scientific Services, comments by e-mail, 11 December 2009	Comment noted. <ul style="list-style-type: none"> <li>• The biodiversity issues will be forwarded to the relevant specialists for consideration in the detailed assessment.</li> <li>• Integration of findings of specialist studies will be integrated in a considered manner though consultation with all specialists. Comments from stakeholders and interested and affected parties will also be taken into</li> </ul>

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	<p>detailed avifauna and botanical assessments will be conducted. We trust that the proposed development will be responsive to the findings of the specialist's assessments.</p> <p>We also note that there are areas containing seasonal wetlands and floodplains potentially impacted on by the proposed power lines. We suggest that if any impacts on these systems are anticipated, either through direct impacts from the tower footprints or access roads, or indirect impacts, for example from maintenance activities, a freshwater impact assessment will also be necessary.</p> <p>CapeNature urges that careful consideration be given to how the findings of the various specialist assessments are integrated when identifying the overall preferred alternative. Cumulative scoring can create misleading results, for example, where a high positive impact "neutralises" a high negative impact. We suggest that this method should be avoided and that rather "no-go" areas and irreversible negative should be avoided wherever possible.</p> <p>A major constraint in this assessment process is that only wide (5km wide) potential corridors are under consideration, which makes accurate and detailed assessment difficult as impacts could change significantly should the proposed line be shifted only a few meters. Thus, the final placement of the actual power lines is as</p>		<p>account.</p> <ul style="list-style-type: none"> <li>• A final walk-through survey of the final surveyed power line alignment will be undertaken by the relevant specialists.</li> <li>• The cumulative impact of all the proposed power lines will be assessed within the EIA Report. This assessment will consider the existing lines in the area and all proposed power lines which form part of the proposed project.</li> </ul>

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	<p>important as the broader assessment of alternative routes. CapeNature therefore request that both CapeNature and the biodiversity specialist should be consulted during the final placement of the power lines.</p> <p>Many of the impacts of this activity will be related to the operational phase of the assessment (such as bird collisions, brush-cutting servituteds and accessing the power lines for maintenance). We therefore urge that special attention be given to not only drafting a sound construction phase EMP, but also an operational phase EMP to ensure that potential impacts from these activities are avoided wherever possible.</p> <p>While CapeNature appreciate the enormity of the entire project (i.e. Koeberg-2 Power Plant and its associated infrastructure, including these transmission lines) and we understand that by dividing the project up into separate sections (such as this one) make impact assessment more manageable, we are concerned that by doing so the total impact (i.e. cumulative impact) of the project could be underestimated (resulting in "death by a thousandcuts"). We therefore suggest that while these impact assessment processes may run separately, a single decision should be taken for the whole project, based on all the relevant informants.</p> <p>We look forward to commenting in more depth</p>		

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	once the more detailed reports have been made available for review.		
<b>R300 Corridor</b>			
51	Why not use the R300 Corridor as a road and transmission line corridor? Keep all the noise and visual effects in one corridor. Are you considering this? Are you speaking to SANRAL, Western Cape Provincial Transport and the City of Cape Town on this matter?	Clr. J.C Bredenhand, Ward Councillor, Subcouncil 7, comment in FGM, 16 November 2009	The environmental team is assessing at the R300 corridor as an alternative. This would have to be done in consultation with the local residents and ratepayers associations, the City of Cape Town, Provincial Transport and the South African National Roads Agency Limited.
52	Will your EIA study focus on the existing corridors? Or will you continue exploring the identified alternatives?	Morne Theron Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	Our study will have to investigate all corridors, including the alternatives as indicated on the map as well as any other feasible alternatives identified through the process. We appreciate the areas being red flagged and would make sure these are fully investigated during the EIA Phase.
<b>Towers &amp; Structures</b>			
53	What type of transmission pylons will be used for the new lines? Will you be using the new monopole structures as on the Palmiet-Stkiland transmission line? Would this be the type of pylons your EIA will investigate for the R300 Corridor?	Clr. J.C Bredenhand, Ward Councillor, Subcouncil 7, comment in FGM, 16 November 2009	Eskom would be investigating various tower options for the entire project. No fixed decision has been made as yet regarding the tower type to be used. The EIA would make various suggestions and recommendations for tower types. However, the final decision regarding the tower type to be implemented will be made on the basis of the local topography and landowner requirements.
54	Can the monopole structures carry 400kV transmission lines?	Clr. J.C Bredenhand, Ward Councillor, Subcouncil 7, comment in FGM, 16 November 2009	These towers could be designed to carry 400kV transmission lines. However, all technical specifications for each line under consideration would need to be fully investigated before a decision could be made in this regard. There are various factors that need to be clarified.
55	How safe are the 400kV transmission lines? What distance should it be from residential areas? How much space do you require for each transmission line?	Clr. U.Pick, Ward Councillor, Subcouncil 7, comment in FGM, 16 November 2009	Transmission lines are very safe with no direct effects on communities. All 400kV transmission lines require 55 m servitudes with additional space between each transmission line. The servitudes are placed away from

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			residential areas as far as possible to avoid visual effects. Transmission lines require enough space for safety and stability.
56	What are your guidelines for erecting 400kV transmission lines in confined corridors like the R300 route?	Clr. U.Pick, Ward Councillor, Subcouncil 7, comment in FGM, 16 November 2009	The EIA and transmission line design would inform whether it would be possible to utilise the R300 corridor for a new transmission line route.
57	How close can the 400kV lines be to each other?	Pat Titmuss, Regional Manager: Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	We would prefer to have them in corridors of at least 55 m apart. The lines need to be evenly spaced for safety and security of the network.
58	Are you aware of the current Eskom pylons in the R300 corridor wetlands? Is there a possibility of removing and relocating the 132kV lines from the wetlands?	Pat Titmuss, Regional Manager: Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	132 kV infrastructure is owned by Eskom Distribution, and a formal request to them in this regard would be necessary.
59	What are the technical specifications on how close each transmission can be to each other? We would like to ensure that existing corridors are used for new lines.	Morne Theron Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	When 400 kV lines run parallel, a separation distance of 60 m is required.
60	Can the new lines be split between the corridors?	Pat Titmuss, Regional Manager: Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	It is possible from a technical perspective and would be informed by the findings of the EIA process.
61	What types of new and environmentally friendly pylons does Eskom plan to use for this project?	Morne Theron Environmental & Heritage Management, City of Cape Town, FGM	This has not been finalised at this stage. The EIA will make recommendations regarding the type of tower which should be used. However, the final tower type will be

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		comments, 18 November 2009	determined by the final route alignment and the power line design.
62	We are concerned about the social and visual impacts of pylons. What are the costs of the different types of pylons to be used?	Morne Theron Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	The social and visual impacts of the proposed power lines will be assessed through the EIA process. Costs associated with the various alternatives will have to be clarified by Eskom.
63	Will the pylon structures be suitable for the landscape between Koeberg and the various substations?	Morne Theron Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	Eskom will look at all options and make recommendations to the design team.
64	The cross rope suspension tower seems more visually and environmentally friendly. Cultural landscapes with softer visuals are more pleasing.	Morne Theron Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	This tower type has proven to be more ideal to use from, a visual perspective. Although recommendations regarding the tower type can be made in the EIA, the final decision in this regard will be made by the design team on the basis of the terrain and land negotiations with landowners.
65	Will certain pylons be more risk averse than others?	Pat Titmuss, Regional Manager: Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	Each tower type has its pro and cons.
66	What is the full carbon footprint for the new proposed transmission lines? Has Eskom calculated its carbon footprint for transmission lines?	Pat Titmuss, Regional Manager: Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	This would be an exercise to be conducted.

No.	Issue	Raised by	Response
<b>Timeframe &amp; Process</b>			
67	Should you not be waiting to see were the next nuclear power station will be built before you plan and investigate new transmission lines.	Alderman C.Ipser, Ward Councillor, Subcouncil 7, comment in FGM, 16 November 2009	Investigations and planning need to happen in parallel. New transmission line corridors need to be obtained as land might not be available in future and this would increase cost.
68	Are Eskom conducting three concurrent environmental impact assessments for a new nuclear power station?	Clr. U.Pick, Ward Councillor, Subcouncil 7, comment in FGM, 16 November 2009	Eskom is applying for a 4000 MW Nuclear plant. This is for one nuclear power station, which is the current EIA application. All three sites are being taken through the current detailed EIA phase. Eskom have since mentioned its intention to amend the application to consider all three sites for nuclear power stations. To date Eskom has not yet amended the application. If Eskom decides to amend the application the public will be informed of their decision. Currently, the original application still stands for one 4000MW nuclear plant.
<b>Stakeholder Engagement</b>			
69	Are you consulting the farming community?	Alderman C.Ipser, Ward Councillor, Subcouncil 7, comment in FGM, 16 November 2009	Yes, we are engaging with all key stakeholders including the farming community.
<b>Underground Cabling</b>			
70	Will your team investigate the use of underground transmission cabling in restricted areas line the R300 corridor? Will it be possible and feasible to use a underground 400kV transmission line along the R300 corridor?	Clr. J.C Bredenhand, Ward Councillor, Subcouncil 7, comment in FGM, 16 November 2009	Underground 400kV transmission lines come with their own technical difficulties. This would be an option we would have to investigate if necessary, but it is extremely costly and could create major challenges which are not feasible from a development perspective.
<b>Koeberg – Stikland (Deviation 1 Joostenbergvlakte)</b>			
71	We are very concerned that these structures would destroy the only Zoo in the Western Cape. It has taken 33 years to build the Zoo for the children of Cape Town.	John and Lorraine Spence, Tygerberg Zoo, comments by fax, 26 November 2009	Comment noted

No.	Issue	Raised by	Response
72	What types of pylons will Eskom be using for this transmission line?	Neil Smith, Chairperson, Joostenbergvlakte Residents and Ratepayers Association, Brackenfell Public Meeting, 19 November 2009	There are various designs which Eskom could use depending on the terrain and other constraints. Pictures of tower types which can be used are included in the draft scoping report.
73	Will it be the older tower pylons or the more modern types?	Neil Smith, Chairperson, Joostenbergvlakte Residents and Ratepayers Association, Brackenfell Public Meeting, 19 November 2009	More modern tower types will be used for this line.
74	How many transmission lines are being proposed for our area (alternative 1 Purple)?	Neil Smith, Chairperson, Joostenbergvlakte Residents and Ratepayers Association, Brackenfell Public Meeting, 19 November 2009	There are two 400kV lines proposed within this corridor.
75	Where can I get a full copy of the Koeberg-2 Transmission Integration scoping report?	Neil Smith, Chairperson, Joostenbergvlakte Residents and Ratepayers Association, Brackenfell Public Meeting, 19 November 2009	The report is available on the Savannah website ( <a href="http://www.savannahsa.com">www.savannahsa.com</a> ), the public libraries and Eskom's website ( <a href="http://www.eskom.co.za/eia">www.eskom.co.za/eia</a> ).
76	Are you aware that the Joostenberg Vlake area has about 400 interested and affected parties who live on various small holdings and livelihoods ranging from farming (vegetable, fruit, chicken, vinyards and horses) the Tygerberg Zoo, Guest Farms, Stark Ayres seed farm and other developments?	Neil Smith, Chairperson, Joostenbergvlakte Residents and Ratepayers Association, Brackenfell Public Meeting, 19 November 2009	Comment noted.
77	Can you provide the Joostenberg Vlake residents and ratepayers with more detailed maps highlighting the transmission lines for deviation purple 1? We need to see exactly	Neil Smith, Chairperson, Joostenbergvlakte Residents and Ratepayers Association, Brackenfell Public Meeting,	1:50 000 maps were provided on CD and are also available on the Savannah Environmental webpage ( <a href="http://www.savannahsa.com">www.savannahsa.com</a> ).

No.	Issue	Raised by	Response
	were these lines cross through Joostenbergvlakte.	19 November 2009	
78	Have you spoken to Edwin Boor the largest landowner on the Vlake?	Neil Smith, Chairperson, Joostenbergvlakte Residents and Ratepayers Association, Brackenfell Public Meeting, 19 November 2009	He will be contacted as part of the EIA process.
79	Has Tygerberg Zoo been contacted?	Neil Smith, Chairperson, Joostenbergvlakte Residents and Ratepayers Association, Brackenfell Public Meeting, 19 November 2009	They will be contacted as part of the EIA process.
80	Your proposed deviation 1 purple cuts directly across my farm Bolega.	Neil Smith, Chairperson, Joostenbergvlakte Residents and Ratepayers Association, Brackenfell Public Meeting, 19 November 2009	Comment noted.
81	Property prices are quite high in this area due to the highly productive value of the land in the area. I don't think Eskom can afford to buy land from the landowners in this area.	Neil Smith, Chairperson, Joostenbergvlakte Residents and Ratepayers Association, Brackenfell Public Meeting, 19 November 2009	Comment noted.
82	Are you aware of the new low cost housing initiatives in the surrounding areas? This includes Wallacedene and Bloekombos.	Neil Smith, Chairperson, Joostenbergvlakte Residents and Ratepayers Association, Brackenfell Public Meeting, 19 November 2009	The project team is aware of these planned developments.
83	What are Eskom's timeframes on this project?	Neil Smith, Chairperson, Joostenbergvlakte Residents and Ratepayers Association, Brackenfell Public Meeting, 19 November 2009	The EIA is currently underway and Eskom are undertaking feasibility studies on the new nuclear power station. At this stage, timeframes on this project are unknown.

No.	Issue	Raised by	Response
84	If Eskom is looking at forcing a corridor at Joostenbergvlakte it would be faced with the same opposition dispaled against the South Africsan National Roads Agency Limited.	Neil Smith, Chairperson, Joostenbergvlakte Residents and Ratepayers Association, Brackenfell Public Meeting, 19 November 2009	Comment noted.
85	As a Trustee in the Eastwood Loftus Family Trust, the owner of Vermont Farm on Waarburgh Road, Joostenbergvlakte I am very perturbed by the proposed power lines that appear to cross directly over the homestead and poultry sheds.	Thomas Eastwood Loftus, Landowner, Vermont Farm Joostenburgvlakte, comment by fax, 28 December 2009	Comment noted.
<b>Omega – Muldersvlei (Deviation 1 Red)</b>			
<b>Bella Riva Lifestyle and Golfing Estate &amp; Garden Cities Developments</b>			
86	Our development is in its final stages of approval for the proposed lifestyle and golfing estate. It is impossible for us as developers to accommodate any of the proposed transmission lines near or on our property. It will also adversely affect the value of our entire property development.	Dr. Johan Smit, Sage Wise 67 (PTY) Ltd, comment by fax, 8 December 2009	Comment noted.
87	We are in favour of the main route corridor, but object against the deviation 1.	Dr. Johan Smit, Sage Wise 67 (PTY) Ltd, comment by fax, 8 December 2009	Comment noted.
88	Is it possible to ignore deviation 1 and not investigate it?	Dr. Johan Smit, Sage Wise 67 (PTY) Ltd, comment by fax, 8 December 2009	This alternative was identified by Eskom as a potential feasible alternative for the proposed project. In terms of the EIA Regulations, all feasible alternatives are required to be assessed within the EIA.
89	What is your timeframe for this new transmission routes?	Dr. Johan Smit, Sage Wise 67 (PTY) Ltd, comment by fax, 8 December 2009	The EIA is currently underway and Eskom are undertaking feasibility studies on the new nuclear power station. At this stage, timeframes on this project are unknown.
90	With reference to our meeting in Stellenbosch, as well as my attached Public involvement	Johan Botha, Sage Wise 67 (PTY) Ltd, comment by e-	Comment noted.

No.	Issue	Raised by	Response
	<p>process reply form, please find comments relating to the proposed transmission power line:</p> <p>Sage Wise 67 (Pty) Ltd the option owner of just over 400ha in Fisantekraal, have been busy for the last seven years with professional studies and high level talks with Authorities on a proposed Lifestyle and Golf Estate for the Northern Suburbs. A huge amount of money, time and effort have gone into this proposed development. We have submitted our final EIA as well as our LUPO application to the various authorities. The proposed power line (Deviation 1) will impact directly on the proposed development. This will be extremely negative for the proposed development as well as for the bigger area. The existing line that runs just south of the development already has a negative visual impact, and we all know that land underneath these power line are useless!</p> <p>What I cannot understand is that when we met, the Eskom guys told us that the main reason for the proposed deviation is the security risk of small aircraft flying into the lines. Why is there then no proposed deviation between Omega and the proposed point?? Their reasoning does not make sense at all!!!</p> <p>We will do whatever in our power not to allow this line to cross over our land.</p>	<p>mail, 4 December 2009</p>	

No.	Issue	Raised by	Response
91	After seven years of professional studies and consultation with the authorities, Sage Wise 67 (Pty) Ltd has completed our EIA and LUPO applications for a proposed lifestyle and golf estate. The proposed power line will have a negative impact on our proposed development.	Johan Botha, Sage Wise 67 (Pty) Ltd, comment by e-mail, 4 December 2009	Comment noted.
92	Is your deviation line necessary?	Johan Botha, Sage Wise 67 (Pty) Ltd, comment by e-mail, 4 December 2009	This alternative was identified by Eskom as a potential feasible alternative for the proposed project. In terms of the EIA Regulations, all feasible alternatives are required to be assessed within the EIA.
93	Is there not place for a deviation between Omega and the proposed deviation 1?	Johan Botha, Sage Wise 67 (Pty) Ltd, comment by e-mail, 4 December 2009	A route selection meeting held by Eskom and the consultant considered this option as well and the best possible alternative was chosen. However, this option can still be investigated.
94	We query the necessity for the proposed deviations from the existing Eskom servitude and route.	Neil Laubscher, Aurecon, comments by e-mail, 4 December 2009	Comment noted.
95	Is your team aware of the City of Cape Town's nodal housing developments in the area to the north of Durbanville? The City is expanding across the area were Eskom is proposing new alternative transmission lines?	Alderman C.Ipser, Ward Councillor, Subcouncil 7, comment in FGM, 16 November 2009	Yes we are aware of this development planning. In preliminary discussions with the City of Cape Town, the Environmental and Heritage team at the Blaauwberg Administration briefed us in this regard.
96	Is deviation 1 Red really needed? Are you aware that this area will house the new Garden Cities housing developments and the new Bela Riva Lifestyle and Golfing Estate. Planning has been completed and all environmental impact assessments have been submitted.	Clr. J.C Bredenhand, Ward Councillor, Subcouncil 7, comment in FGM, 16 November 2009	Yes we are aware of the planned developments. This deviation was identified as a possible option to ensure the safety of the transmission network going into Muldersvlei substation. The environmental team will be doing follow-up consultation with all the relevant key stakeholders in this area.
97	Are you aware of the new growth corridors for the City of Cape Town in the area indicated as	Pat Titmuss, Regional Manager: Environmental &	Yes we are aware of these planned developments and will be consulting with the relevant landowners and developers

No.	Issue	Raised by	Response
	alternative 1 Red on your map? We would like to red flag this area for you. A great deal of new developments and low cost housing are planned for this area.	Heritage Management, City of Cape Town, FGM comments, 18 November 2009	in this regard.
98	Deviation 1 Red will cut straight through the new Garden Cities town development being developed by Basil Read. You need to speak to Louise Carbitt at Aurocon.	Morne Theron Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	We will get in touch with the developers to provide them with the background information documents on the Koeberg-2 Transmission Integration for them to comment and become involved in the process.
99	This area also has some great biodiversity potential. Deviation 1 Red will also cut through the City of Cape Town's Biodiversity network with endangered Renosterveld remnants.	Pat Titmuss, Regional Manager: Environmental & Heritage Management, City of Cape Town, FGM comments, 18 November 2009	This will be investigated during the detailed EIA Phase. A number vegetation concerns in the area have already been highlighted through the scoping process. These are detailed in the vegetation specialist report appended to the draft report.
100	We have submitted our land use application for this area to the relevant authorities.	Johan Botha, Sage Wise 67 (Pty) Ltd, Stellenbosch FGM, 19 November 2009	Comment noted.
101	We have conducted a full EIA and all other related studies for this area. The EIA is expected to be complete by end-2009.	Johan Botha, Sage Wise 67 (Pty) Ltd, Stellenbosch FGM, 19 November 2009	Comment noted.
102	The City of Cape Town is in the process of constructing a new sewage works for this area.	Johan Botha, Sage Wise 67 (Pty) Ltd, Stellenbosch FGM, 19 November 2009	Comment noted.
103	Have you been speaking to the other landowners and developers in the area?	Johan Botha, Sage Wise 67 (Pty) Ltd, Stellenbosch FGM, 19 November 2009	We are in the process of scoping and we have been briefed by the City of Cape Town's Environmental and Heritage Department of the new growth nodes in the area. We will be engaging all landowners in study area through the EIA process.
104	I can provide you with the details for the Garden Cities Joint Venture with Basil Read. Here you would have to speak to Debbie Newton 082 825	Johan Botha, Sage Wise 67 (Pty) Ltd, Stellenbosch FGM, 19 November 2009	Comment noted. Thank you for this information. They will be contacted and registered as I&APs on the project.

No.	Issue	Raised by	Response
	8921 and for County Fair you would have to contact their lawyers at Zonnenbergs in Cape Town. Speak to Stefan Leverton on 021 410 2500 or 082 7801555.		
105	What is the main reason for your deviation 1 red? It does not make any sense.	Johan Botha, Sage Wise 67 (Pty) Ltd, Stellenbosch FGM, 19 November 2009	Eskom identified this alternative such that they could investigate the need to separate the lines in order to ensure security and stability of the network in this area, should this be an environmentally acceptable option.
106	How would aircraft in this area be affected?	Neil Laubscher, Aurocon, Stellenbosch FGM, 19 November 2009	This would have to be discussed with the flying community at the Fisantekraal airstrip.
107	All Eskom transmission lines are ugly. It's not visually acceptable at all. I do not buy the safety of network answer.	Johan Botha, Sage Wise 67 (Pty) Ltd, Stellenbosch FGM, 19 November 2009	Comment noted.
108	How close will the transmission line be to the Fisantekraal airstrip?	Johan Botha, Sage Wise 67 (Pty) Ltd, Stellenbosch FGM, 19 November 2009	This will need to be investigated through the EIA process.
109	You have received the City of Cape Town comments relating to the north-east development corridor. We will fight Eskom on Deviation 1 Red to protect our development. We will be contacting all the other developers in this area to object against Deviation 1 Red.	Johan Botha, Sage Wise 67 (Pty) Ltd, Stellenbosch FGM, 19 November 2009	Comment noted.
110	We act for County Fair Foods, a division of Astral Operations Ltd.  The above EIA process was only brought to our client's attention during a meeting which the writer and one of our client's representatives had with a representative of Sage Wise 67 (Pty) Ltd, the developers of the proposed Bella Riva	Stevan B Levantan, Attorney, Edward Nathan Sonnenbergs, comment by e-mail & general mail, 23 December 2009 (see attached in Appendix F)	Comments noted. A Focus Group Meeting to discuss these and other issues will be arranged in January 2010.

No.	Issue	Raised by	Response
	<p>Golf and Leisure Estate in Fisantekraal on 15 December 2009. Our client did not glean from any of the newspaper advertisements that were apparently placed that the proposed transmission power lines would in any way affect their operations in the area. During the meeting, it was suggested that some of our client's operations in the Fisantekraal area may well be within the path of the intended routes of the proposed transmission power lines and that our client should therefore become involved as an interested and affected party (I&amp;AP) in the process.</p> <p>To this end, we were sent a copy of the BID which unfortunately does not inform our client enough about how its operations may be affected. The locality plan attached to the BID certainly does not assist in this regard.</p> <p>The writer went onto the Savannah SA website and noted that a Draft Scoping Report has been prepared and was available for public consideration during the period 16 November 2009. Quite obviously, we have not had the opportunity of considering this document which is substantial but will do so and obtain our client's further instructions thereon after the writer returns from leave which commences tomorrow, 24 December 2009, and continues January 2010.</p> <p>Hopefully, the content of the Draft Scoping</p>		

No.	Issue	Raised by	Response
	<p>Report will better inform our client of how the proposed transmission lines may or may not affect their operations but if not, the writer will need to engage with you and/or Savannah SA to obtain clarity and thereafter to put to you our client's concerns in regard to the transmission power lines.</p> <p>At this stage, we merely wish to register our client as an I&amp;AP and to give you a brief overview of our client's operations in the Fisantekraal and Muldersvlei areas. To this end, we attach the completed public involvement process reply form which was attached to your BID and we set out hereunder a brief overview of our client's operations (refer to attached Reply Form and letter from Edward Nathan Sonnenbergs Environmental Lawyers ).</p> <p><b>Our cleint's operations in the Fisantekraal/Muldersvlei areas are as follows:</b></p> <p>1. The area concerned is essentially agricultural in nature and our client has a number of chicken farming operations. These operations are wholly reliant on an isolated and sanitised environment. Our client's farming activities include rearing, laying and broiler farms. Each of these different farming activities require stringent bio-security measures, the details of which are set out below, and each of these different farming</p>		

No.	Issue	Raised by	Response
	<p>activities are spread out throughout this area.</p> <p>2. On the laying farms, the stocks used in breeding cycles are highly susceptible to disease. The proximity of the proposed transmission power lines to our client's laying farms may increase the risk of disease transmission to a level which could be commercially destructive to our client. The proposed transmission power lines may therefore pose a direct threat to the continued existence of our client's commercial poultry farming operations.</p> <p>3. Our client currently has on its Fisantekop laying farm which may be affected by the route of the proposed transmission power lines, 150,000 hens, each of which is expected to lay approximately 150-170 eggs in its lifetime of 40 weeks. Should a single laying hen die, our client would lose 25 weeks of production which would have a significant impact. Our client has other laying farms in the vicinity on which our client has a further 112,500 hens.</p> <p>4. In terms of our client's processes, the laying stock commences laying fertilized eggs after approximately two weeks and will continue laying fertilized eggs from week 25 up until week 62, after which they are slaughtered.</p> <p>5. The fertilized eggs are then delivered to our client's hatcheries. The eggs are hatched 21 days later, and the day-old chicks are delivered to the broiler farms.</p>		

No.	Issue	Raised by	Response
	<p>6. Approximately 2.4 million broiler chicks varying between 1 and 36 days old are reared on a number of broiler farms nearby. The total broiler chicks in this area totals approximately 2.9 million.</p> <p>7. Once the chickens reach slaughter age, they are delivered to our client's abattoir and processing facility which produces both fresh and frozen poultry products. 1.2 million chickens are processed at our client's abattoir and processing facilities every week.</p> <p>8. The broiler chicks are housed on our client's broiler farms in the area and if the farms should be affected by disease and wiped out simultaneously, the farms would effectively be out of production for two months.</p> <p><b>Risk of disease to our client's laying and broiler stock:</b></p> <p>9. The routing of the transmission power lines in close proximity to, or even over, any of our client's operations may well have a drastic health impact on our client's apresaid operations.</p> <p>10. The areas which are of utmost concern to our client may be grouped as follows:</p> <p><b>10.1 The types of poultry diseases:</b></p> <p>10.1.1 The diseases which are common to County Fair may be group as follows:                      "Bacterial viral, mycoplasma, internal and</p>		

No.	Issue	Raised by	Response
	<p>external parasites”.</p> <p>10.1.2 These diseases are further grouped as follows:</p> <p><i>Bacterial</i> - Salmonella, Haemophiles (Coryza), Ornitho bactrium rhinotracheitis, Pasterella</p> <p><i>Viral diseases</i> – Newcastle disease, Infectious bronchitis, Egg Drop Syndrome, Infectious Bursal Disease, Marek’s Disease, Fowl Pox, Avian Encephalitis, Reo Virus, Pneumovirus, Chicken Infectious Anaemia Virus, Avian Influenza</p> <p><i>External Parasites</i> – Red Mite, Northern Fowl Mite, Lice, Fleas</p> <p><i>Internal Parasites</i> - Coccidiosis, worms</p> <p><i>Mycoplasma</i> – Mycoplasma gallisepticum, Mycoplasma synoviae</p> <p>10.1.3. The most common dangerous diseases are salmonella infection, Newcastle disease, mycoplasma infection and Avian influenza.</p> <p><b>10.1.3.1 Salmonella infection:</b></p> <ul style="list-style-type: none"> <li>• Salmonella is prevalent in rats and other animals, birds and humans.</li> </ul>		

No.	Issue	Raised by	Response
	<ul style="list-style-type: none"> <li>• Salmonella is carried by rats, wild birds, humans and contaminated feed or water.</li> <li>• Salmonella bacteria can kill 10-60% of susceptible chickens.</li> <li>• Chickens infected with salmonella remain carriers of the infection and hence the only means of stopping transmission thereof is to slaughter the infected flock.</li> <li>• Chickens which survive salmonella can remain infected and pass on the disease to consumers.</li> <li>• Two types of salmonella have been known to cause death by human consumption of infected poultry.</li> </ul> <p><b>10.1.3.2 Newcastle disease:</b></p> <ul style="list-style-type: none"> <li>• Newcastle disease is prevalent in wild birds and poultry. It is carried by wild birds, domesticated birds and vectors such as human flies, insects, windborne dust, etc.</li> <li>• Newcastle disease constitutes the most dangerous threat to poultry production in South Africa.</li> <li>• The virus can cause 100% mortality and significantly reduces growth in surviving birds.</li> <li>• Vaccinated birds survived Newcastle disease frequently remain infected for weeks after recovery and</li> </ul>		

No.	Issue	Raised by	Response
	<p>constitute an uncontrollable source of infection which can result in an epidemic.</p> <ul style="list-style-type: none"> <li>• Once infected, a poultry farmer would be required to slaughter his entire stock.</li> </ul> <p>10.1.3.3 <i>Mycoplasma infection:</i></p> <ul style="list-style-type: none"> <li>• Mycoplasma infection is prevalent in avian species and carried most commonly by wild birds, poultry or rats, windborne and human/vehicles as vectors.</li> <li>• Mycoplasma infection is chronic erosive disease.</li> <li>• Mycoplasma can only be treated by eradicating the broiler stock.</li> <li>• Mycoplasma infection is transmitted vertically, so a hen can pass on the infection to her eggs and thereafter to the hatching chicks.</li> <li>• Mycoplasma can only be treated by eradicating the breeding stock, and this will require months or years to eliminate its effect on breeding stock.</li> </ul> <p><b>10.2 The threat of disease:</b></p> <p>10.2.1 The laying and broiler stocks on our client's farms are extremely</p>		

No.	Issue	Raised by	Response
	<p>susceptible to disease and infection. Increased sensitivity regarding disease and infection amongst birds and poultry has in fact become a worldwide phenomenon.</p> <p>10.2.2. Due to the fact that the destruction of stock could result in the loss of our client's entire chain of production, it is essential that strict measures are enforced to isolate rearing stock from disease.</p> <p><b>10.3 Mandatory bio-security plan:</b></p> <p>10.3.1. In light of the susceptibility of the laying and broiler chicken stock to disease and their paramount importance to our client's operations, our client complies with a stringent bio-security plan to isolate its stock from disease. The two key elements of the bio-security plan are:</p> <p style="padding-left: 40px;">10.3.1.1. The distance between broiler farms and the source of infection and</p> <p style="padding-left: 40px;">10.3.1.2. The human-entry procedures.</p> <p>10.3.2. In terms of the human-entry procedures, no one is allowed on site without having had multiple showers and changes of clothing. All staff change into</p>		

No.	Issue	Raised by	Response
	<p>a first set of protective clothing in a interim changing room, approximately 100-150 metres from the site, leaving all personal clothing and effects behind. Thereafter, they proceed to the shower with soap and shampoo and change into a second set of protective clothing before entering the sites.</p> <p>10.3.3. All vehicular access is strictly controlled and all vehicles are sprayed with disinfectants before entry onto the sites. Moreover, all equipment is disinfected before being brought onto the site. Electronic equipment that cannot be washed is fumigated for 30 minutes in sealed container before being taken onto site.</p> <p>10.3.4. It is vital that a mandatory distance be maintained between the various chicken farms and any source of infection, as many poultry diseases are carried by birds, flies, by the wind, and in the case of the proposed transmission power lines, by the influx of humans both during the construction and maintenance phases. Any airbourne molecules, including dust, water, fog etc is a potensial carrier of disease. Dust particles attach to these molecules and are thereafter spread by the wind which vectors the disease-laden carrier onto</p>		

No.	Issue	Raised by	Response
	<p>our client's sites.</p> <p>10.3.5. For this reason, the various chicken farms are located in the most remote places possible.</p> <p>11. The proposed transmission power lines may well bring a high level of activity very close to a number of our client's farms although we hasten to add that we don't have enough information of the particular routes that these will take, at this point in time. There will be substantial activity when the transmission power lines are constructed and thereafter with their maintenance. This will also include increased volumes of vehicular movement with the attendant increase in the vectoring of waste matter and diseases onto our client's farms.</p> <p>12. Human activity in close proximity to the farms would increase significantly as would the presence of wild birds who may well make use of the transmission power lines, all of which are potential carriers of fatal diseases. Should the routes of the proposed transmission power lines be in close proximity or even over some of our client's operations, our client would lose the protection afforded to them by the remoteness of their various farms and upon which they rely for their commercial viability.</p>		

No.	Issue	Raised by	Response
	<p><b>Water:</b></p> <p>13. Water quality at our client's farms has a direct bearing on the continued existence of our client's poultry operations. The norms necessary to sustain such operations are adversely affected by exposing poultry to water that does not conform to the target water quality ranges for specific water quality constituents.</p> <p>14. Our client, as poultry farmers, is considered to be a sensitivewater user group within a sensitive environment, and as such, stricter water quality guidelines are applicable to its poultry farming operations.</p> <p>15. In order to conduct its operations at its various farms which are in close promimity to the proposed development, in addition to the water that is required for production and domestic uses, our client requires approximately 400 kilolitres of water per day. At no time can the chickens be allowed to experience an absence of drinking and cooling water. Moreover, it is a prerequisite that the water quality not fluctuated over time so as to alter the mineral nutrition required by the chickens.</p> <p>16. Our client currently utilizes water which is sourced from Municipalities in the area as well as boreholes on the farms which are used in situations where pipelines th carry water into the reservoirs on the farms are damaged. It is therefore important that the</p>		

No.	Issue	Raised by	Response
	<p>natural water resources be of excellent quality.</p> <p>17. Our client is therefore concerned about the potential impact which the routing of the proposed transmission power lines may have on their existing water resources, both in terms of quantity and quality. More particularly, our client is concerned that the possible use of water during the construction phase of the transmission power lines, may constitute an additional factor increasing the risk of disease transmission and may limit the general water use in the area.</p> <p><b>Deterioration of the environment:</b></p> <p>18. The proposed transmission power lines may well prejudice the surrounding environment. We are not certain at this stage to what extent the transmission power lines will affect the overall production chain and we will attempt to produce veterinarian evidence to assist you in assessing the risk. A further impact might result from the air noise pollution during the construction phase, which also affects our client's chickens. This might also apply with continued maintenance of the transmission power lines.</p> <p>19. There is also a possibility of pollution of the ground by the leakage of oils, fuels and other substances. Such ground pollution</p>		

No.	Issue	Raised by	Response
	<p>may seep into ground water and contaminate the water sources available to our client and its chicken farms.</p> <p><b>Financial consequences:</b></p> <p>20. The financial consequences of an outbreak of disease on the County Fair farms could be crippling . Due to the fact that stock cannot be replaced immediately, as a result of natural cycles, financial losses could amount to millions of Rands.</p> <p>As stated at the outset, we will let you have our further inputs as soon as we are able to but we would appreciate your confirming to us by return e-mail that:</p> <ul style="list-style-type: none"> <li>a) our client has been registered as I&amp;AP; and,</li> <li>b) our client will be afforded a reasonable opportunity to participate in the further processes.</li> </ul> <p>When replying, it will greatly facilitate matters for us if you were able to superimpose the proposed routes onto Google Earth photographs of the Fisantekraal/Muldersvlei areas. Such photographs will identify quite easily our client's operations and we will soon be able to gauge whether the proposed transmission power lines will in any way affect our client's operations.</p>		
111	We would prefer that the existing corridor is	Zukisani Jakavula, SACAA	Comments noted.

No.	Issue	Raised by	Response
	utilised if possible. If the new corridor is used, there might be height restrictions due to the proximity to Fisantekraal Aerodrome.		

**KOEBERG TRANSMISSION INTEGRATION PROJECT**

**COMMENTS AND RESPONSE REPORT: I&APs & STAKEHOLDERS**

**Draft Environmental Impact Assessment Phase (EIA): Comments Received on Draft EIA Report**

No.	Issue	Raised by	Response
<b>General</b>			
1.	Illness caused by powerlines!	A.L. Minchirlon Smith, landowner Joostenbergvlakte, comment by fax, 10 April 2010	Comment noted
2.	I work at the guest house Harksmoor. Here are already power lines, the erection of more lines will just invite criminals.	Madelane avn Deventer, worker Hawksmoor Guest House, comments by fax, 10 April 2010.	Comment noted.
<b>Property Value</b>			
3.	The proposed power line passes at the side of our house, as in feet away. Do not want this to go ahead. Lower the valuation of our property.	A.L. Minchirlon Smith, landowner Joostenbergvlakte, comment by fax, 10 April 2010	Comment noted.
<b>Visual Impact</b>			
4.	The powerlines would heavily impact the aesthetic value of Hawksmoor house. One of its major selling points is the amazing view of Table Mountain, which would be spoiled by the powerlines.	Jon & Maike Harms, Manager Hawksmoor Guest House, comments by fax 10 April 2010.	Comment noted. These issues will be considered through the visual impact assessment.
5.	I feel the erection of the powerlines is going to spoil the image of Hawksmoor guest house and the view of Table Mountain.	Justine Laing, Cape Divine, comments by fax, 10 April 2010.	Comment noted. These issues will be addressed through the social impact assessment.
6.	I'm concerned about the transmission lines; it will spoil our view of Table Mountain.	Briget Human, Hawksmoor Guest House, comments by fax 10 April 2010.	Comment noted. These issues will be addressed through the social impact assessment.

No.	Issue	Raised by	Response
7.	As the co-owner of Hawksmoor Guest Farm the placement of the pylons affects me enormously.	Simon Olding, Hawksmoor Guest House, comment by fax, 10 April 2010.	Comment noted.
8.	Mountain View kennels lie in the middle of one of the proposed lines in Joostenbergvlakte. The kennels, house etc. would have to be demolished for the project - that is our livelihood.	C.N Birch, Mountain View Kennels, comment by fax 15 April 2010.	Comment noted. These issues will be addressed through the social impact assessment.
<b>Heritage</b>			
9.	The manor house on Matjieskraal Farm is a historic Cape Dutch building, original portion dating back to 1797. We have established a well respected guest house (Hawksmoor) and provided employment in regard to tourism. One of our major attractions is the view of Table Mountain and Table Mountain Sunsets. It's my opinion that Stikland dev 1 would severely impact amenity of Hawksmoor/Matjieskraal; we already have power lines on the property. This location have more than enough. Please choose an alternative site. Cape Town already has nuclear, surely the rest of the country should share – so the PE (Thys Point options) should be explored.	Mark Borrie, Hawksmoor Guest House and Matjieskraal Farm, comments by fax 10 April 2010.	Comment noted. Impacts on heritage sites are assessed through the Heritage Impact Assessment undertaken in accordance with the requirements of the National Heritage Resources Act.
10.	We purchased the historic farm Matjieskraal in December 2003. Leading up to our purchase, the Cape Dutch 'werf' complex had fallen into a state of serious disrepair, and upon moving in we embarked on a long, intensely researched, and expensive process of restoration. Matjieskraal in one of the oldest of the Cape farm	Simon Olding, Hawksmoor Guest House, comment by letter, 19 March 2010.	Comments noted. Impacts on heritage sites are assessed through the Heritage Impact Assessment undertaken in accordance with the requirements of the National Heritage Resources Act. Impacts on ecology are assessed through the ecological specialist report undertaken as part of the EIA.

No.	Issue	Raised by	Response
	<p>complexes still standing. Construction on the house and wine cellar were completed by 1704 (according to the transfer document at the State Archives in Cape Town), with subsequent extensions and improvements carried out during various periods, right up to and including our ongoing restoration project. As such, the Matjieskuil werf is considered to be of extreme importance historically and culturally, (see Dr. Hans Fransen) and protection and preservation of it is paramount.</p> <p>One of the interesting historical aspects of Matjieskuil is that the werf was built with a direct view of Table Mountain, which allowed for the farmer there to see the bonfires lit at the Cape to signal the arrival of ships, and set off to the port with produce for sale. Farms elaborated on this system then (hence so many farms on higher ground being called 'Brandwacht' or 'Bradwag' now), and Matjieskuil's location on a hill made it the first farm on that side of Stellenbosch to 'see' the smoke and set off its own fires to alert farmers further away from the city. The proposed placement of the pylons would go straight across the direct view to Table Mountain, in the very near distance, completely ruining this historic aspect, which has remained remarkably unchanged for centuries.</p> <p>Apart from the obvious tragedy that this detracts from such a valuable piece of our heritage represents, I am also in contact with</p>		

No.	Issue	Raised by	Response
	<p>our consultant at Heritage South Africa about the exact legislation that exist to protect the views both from and historical monuments. I know that there is specific mention made of this matter in the Historical Manumnets Act, which prohibits construction of any sort that will affect an historical 'view'. I will supply this information as soon as I receive it.</p> <p>I'm also aware that the plot of land directly next to farm of Dr. Loftus (on 'Vermont') known as 'Klein Matjieskuil', is one of the last remaining patches of 'Ronosterveld' vegetation on the area, and as such is of huge importace ecologically in the area. The Mosselbank river (which runs through Matjieskuil on its way to feed the Milnerton Wetland System), has been pumped so intensely futher upstream that it runs as an underground trickle in summer months now. This river,once so strong that it featured onall maps as major artery (see Kolbe 'Colonie van die Kaa' 1706, State Archives), has almost ceased to exist thanks to human intervention, and to further erode what little remains of the physical character of the area by building pylons across the 10ha of remaining Renosterveld would be shameful.</p>		
<b>Economics &amp; Financial</b>			
11.	On a personal financial level, as co-owner of the Hawksmoor enterprises, the negative effect of construction of huge pylon 'highway' right across the view that forms so important a part of the unique beauty of Matjieskuil and Hawksmoor	Simon Olding, Hawksmoor Guest House, comment by letter, 19 March 2010.	Comments noted. Impacts on the socio-economic environment and tourism are assessed through the social impact assessment undertaken as part of the EIA.

No.	Issue	Raised by	Response
	<p>House would be devastating. Tourists flock from all over the world to stay with us and enjoy our spectacularly restored gardens, the pivotal viewpoint of which is the uncluttered view to the Mountain.</p> <p>The various business enterprises we conduct on Matjieskuil have allowed for the investment needed to restore this lovely werf, but also provided the reason and finances to employ the dozens of workers needed to run such a large operation. The families on Matjieskuil have been there since a least 1820 (the cemetery on the farm has graves dating back to this period), and the effect of our business on this community would be catastrophic.</p> <p>On the other hand, I do understand that our need for power increases daily, and as such these pylons have to go somewhere. On the map of the proposed sites I noted that a wide corridor runs along the edge of the Kuils River through Durbanville, which looks remarkably like it was left there deliberately during past development of the area as placement for exactly such a pylon route. In light of this, please point this out to Eskom, as moving the pylons to that area would bypass Joostenbergvlakte altogether, and avoid the negative affects I have written of in this letter.</p> <p>I do hope that my letter does not fall on deaf ears; I can not stress enough just how badly</p>		

No.	Issue	Raised by	Response
	<p>cosntruction of the pylons across 'Vermont' would affect Matjieskuil – historically, financially, ecologically and socially it would be disater on a scale that we would not recover from.</p>		
<b>South African National Roads Agency – R300 Corridor</b>			
12.	<p>The possible alternative alignments appears to enter the R300 road reserve at Wellington Road in the north and follow the R300 road reserve crossing the N1 in the Stellenberg interchange and continuing until the Stikland substation to the south of the R101.</p> <p>The width of the R300 road reserve at ± Langeberg Road is 60mand the freeway is in cut at this point so there is no space to place a 765Kv power line in the road reserve. Eskom would require a servitude of approximately 35 to 40m in an already built up area the position of the pylon would be shifted into the road reserve where there is insufficient space.</p> <p>SANRAL do not permit parallel services inside road reserves.</p> <p>The proposed alignment of the power line through the Stellenberg interchange would also cause problems with all the high ramps in the interchange. In places this will be a 3<sup>rd</sup> level interchange</p>	<p>Colene Runkel, Statutory Control Officer, South African National Roads Agency (SANRAL) western Region, comment by e-mail, 04 March 2010.</p>	<p>Comment noted.</p>
<b>Joostenbergvlakte Vegetable Farmers</b>			
13	<p>We, Edwern-Heim Farmers as conserved commercial parties wish to note the following points:</p>	<p>Edwern.W.H. Buhr, comments by fax, 12 March 2010.</p>	<p>Comments noted.</p>

No.	Issue	Raised by	Response
	<p>As you know, we are a commercial farming practice with various properties which are affected directly by the proposed Joostenbergvlakte transmission power line routes. These properties include, Edwern-Heim, Bergsig-Noord, Bergsig and Rus-n-tydjie and these properties are all affected by the proposed transmission route.</p> <p>All of the abovementioned properties are high production agricultural land which could not function in isolation from each other. These properties were developed over the last 44 years and all of these properties are joined together by means of electronic irrigation systems and infrastructure. The soils are naturally suited for the growing of vegetables and have been improved over many years by means of organic fertilizers and care. This type of soil (98% sand, 2% clay, about 2 meter deep with a clay floor) are quite unique for this area and very limited.</p> <p>These farms, its management and its people is inseparable from the food chain of Cape Town/Boland Metro. Vegetables, processed and unprocessed are sold to retail chains such as Shoprite under contract for the last 33 years. This farms are one of the top 20 producers and have been crowned the "supplier of the year" for Shoprite Checkers. Our soils lie close to our hearts.</p> <p>These farms are highly intensive units, its utilised 12 months a year across 4 seasons in</p>		

No.	Issue	Raised by	Response
	<p>which various cultivars vegetable seeds. Seed production for commercial growers are also done in this area. Farms operate 365 days of the year.</p> <p>A total of 2.5 harvest per year per square meter are produced and supplied to markets. A total of 180ha are intensively farmed. 450ha are used with 70 tons per ha being produced. A total of 31500 tons are supplied to the Cape Metro.</p> <p>A total of 300 persons are employed on the farms and are dependent on the farms for their livelihood.</p> <p>We herby strongly object against the proposed transmission line route from Koeberg Power Station to Stikland. We propose that the power lines are kept in its current alignment.</p> <p>We wish to thank you for the opportunity to comment and for us to present all the negative impact it will have on food security for the Cape Metropole.</p>		
14	<p>We own the following farms: Klein Koopmanskloof, Ruando, Green Acres, Marleview, Protea and Langdam.</p> <p>All of these farms soils have been developed over the last 37 years for the production of vegetables.</p> <p>All farms are linked by irrigation systems and</p>		

No.	Issue	Raised by	Response
	<p>infrastructure. We produce 12 months a year and produce a verity of processed and unprocessed vegetables. We supply the Boland Metro. A total of 198ha are under agriculture and we supply work for 287 persons.</p> <p>The directors and employees of DR Rix and Sons PTY Ltd herby object against the proposed transmission lines from Koeberg to Stikland. We propose you use the existing transmission corridors to the north.</p> <p>We wish to thank you for the opportunity to comment on the negative effects this development would have on the Boland Metro.</p>		
<b>Bella Riva Life Style Estate Concerns</b>			
15	Johan Botha: The alignment Deviation 1 Red makes no sense. As indicated previously in our earlier meeting, this line would cut our entire development in two and we cannot have such a line crossing our development.	Johan Botha, Bella Riva Focus Group Meeting, 11 February 2010.	Comment noted.
16	Johan Botha: All of our planning including our environmental impact assessment has been completed. LUPA was completed in December 2009. We are currently waiting on clarity around the urban edge boundary.	Johan Botha, Bella Riva Focus Group Meeting, 11 February 2010.	Comment noted.
17	Johan Smit: We intend starting with the marketing of the Estate in December 2010 and building of the first units in February 2011	Johan Smit, Bella Riva Focus Group Meeting, 11 February 2010.	Comment noted.
18	Johan Botha: What are your timeframes for the Eskom EIA?	Johan Botha, Bella Riva Focus Group Meeting, 11 February 2010.	Comment noted. These issues will be assessed through a visual impact assessment and social impact assessment to be undertaken as part of the EIA.

No.	Issue	Raised by	Response
19	Johan Smit: We are concerned about the visual impact of the Eskom power lines on the landscape and the sterilisation of large tracks of land.	Johan Smit, Bella Riva Focus Group Meeting, 11 February 2010.	Comment noted. These issues will be assessed through a visual impact assessment and social impact assessment to be undertaken as part of the EIA.
20	Johan Botha: we prefer Eskom to use existing corridors and are deadset against the new deviation 1 red.	Johan Botha, Bella Riva Focus Group Meeting, 11 February 2010.	Comment noted.
21	Johan Smit: Please let us have a copy of the draft environmental impact assessment report to comment on.	Johan Smit, Bella Riva Focus Group Meeting, 11 February 2010.	Comment noted.
<b>Joostenbergvlakte Landowner Concerns</b>			
22	Mark Borrie: How far along is this study? Can we still object and comment?	Mark Borrie, County Fair Focus Group Meeting, 11 February 2010.	We have just completed the scoping phase and will be starting the EIA phase in May 2010. Comments can be submitted throughout the process.
23	T.E Loftus: Have you consulted all the farmers and interested and affected parties across Joostenbergvlakte?	T.E. Loftus, County Fair Focus Group Meeting, 11 February 2010.	The identification and consultation of interested and affected parties is on-going throughout the process. We have commenced with this as part of the scoping phase of the process. We intend sending out background information documents to all interested and affected parties and will be liaising with the Joostenbergvlakte Residents and Ratepayers through Mr. Neil Smit.
24	C.N Birch: Are you aware that your proposed Joostenbergvlakte transmission lines would be cutting across high potential agricultural land developed over many years.	C.N. Birch, County Fair Focus Group Meeting, 11 February 2010.	Comment noted.
25	C.N Birch: How many lines would be crossing the area? Where exactly will the lines go? What types of pylons would be used?	C.N. Birch, County Fair Focus Group Meeting, 11 February 2010.	Comment noted. We are aware of this information.
26	Louise Smit: This proposed transmission line route would alter the landscape forever. Are you aware of the visual impact this line would have on guest houses and a sense of place in this	Louise Smit, County Fair Focus Group Meeting, 11 February 2010.	Comment noted. A detailed visual impact assessment will be undertaken as part of the EIA.

No.	Issue	Raised by	Response
	area?		
27	Lorraine Spence: As the owner of the Tygerberg Zoo I am very upset about this proposed development as it will cut right through our area and affect us visually and render areas underneath the pylons useless for vegetable and fruit production.	Lorraine Spence, County Fair Focus Group Meeting, 11 February 2010.	Comment noted.
28	Lorraine Spence: The pylons would also affect the Tygerberg Zoo, a place we built up as a educational and family destination over a long time	Lorraine Spence, County Fair Focus Group Meeting, 11 February 2010.	It is proposed that there would be two 400kV transmission lines between the Koeberg-2 HV yard and the Stikland Substation. The purpose of the EIA is to determine the most appropriate corridor for the construction of these proposed lines, if considered environmentally feasible. The tower types to be used will be informed by the final design, local topographical conditions and landowner requirements.
29	Rudy Engelke: Can you provide us with maps where these proposed transmission lines will be located across our properties. As vegetable farmers we would be totally opposed to any power lines across high potential productive agricultural land.	Rudy Engelke, County Fair Focus Group Meeting, 11 February 2010.	Comment noted. Detailed maps are available on the Savannah Environmental webpage (www.savannahsa.com)
<b>County Fair Poultry Farms Concerns</b>			
30	Stephen Levaten: As per my letter of December 2009 to you I would like to remind all of you of the sensitive nature of my clients chicken production operations throughout the area. I hope you are aware of the situation.	Stephen Levaten, County Fair Focus Group Meeting, 11 February 2010.	The routes presented are alternatives which are being assessed in the EIA process. Only one corridor is required for the establishment of the proposed power lines.
31	Stephen Levaten: Are all of these proposed transmission lines really necessary? Do you really require all of these routes?	Stephen Levaten, County Fair Focus Group Meeting, 11 February 2010.	Comment noted.
32	Stephen Levaten: We support the R300 corridor. There seems to be enough space there.	Stephen Levaten, County Fair Focus Group Meeting, 11 February 2010.	Comment noted.

No.	Issue	Raised by	Response
		February 2010.	
33	Henning Olivier: Your proposed lines would affect the following poultry farms: <ul style="list-style-type: none"> <li>• Romance farm 1, 2 and 3</li> <li>• Jumbo farm,</li> <li>• Houtkloof processing plant,</li> <li>• Rivera and</li> <li>• Fairy</li> </ul>	Henning Olivier, County Fair Focus Group Meeting, 11 February 2010.	A separation distance of 55 m is required between 400kV lines.
34	Stephen Levaten: What distance between transmission lines is needed?	Stephen Levaten, County Fair Focus Group Meeting, 11 February 2010.	Comment noted.
35	Geritt Visser: We require transmission lines to be about 200-300m from our facilities.	Geritt Visser, County Fair Focus Group Meeting, 11 February 2010.	Comment noted.
36	Geritt Visser: We do not want dust from construction, no lines across our facilities and other vectors that would create problems for our operations.	Geritt Visser, County Fair Focus Group Meeting, 11 February 2010.	Comment noted.
37	Geritt Visser: Our suggestion would be to use the current transmission line corridor and use the space to the south of the existing lines.	Geritt Visser, County Fair Focus Group Meeting, 11 February 2010.	Comment noted.
38	Henning Olivier: Once more our concern would be during the construction phase.	Henning Olivier, County Fair Focus Group Meeting, 11 February 2010.	Comment noted.
39	Henning Olivier: Construction phase buffer zones need to be incorporated into your environmental management plan for the construction phase so as not to affect our farms.	Henning Olivier, County Fair Focus Group Meeting, 11 February 2010.	Comment noted.
40	Henning Olivier: Migrating birds and birds on lines are some of our biggest problems due to avifauna diseases.	Henning Olivier, County Fair Focus Group Meeting, 11 February 2010.	Comment noted.
41	Henning Olivier: The biohazards would affect	Henning Olivier, County Fair	Comment noted.

No.	Issue	Raised by	Response
	our production badly.	Focus Group Meeting, 11 February 2010.	
42	Geritt Visser: If you use existing corridors and stay south of our production facilities it would suite us.	Geritt Visser, County Fair Focus Group Meeting, 11 February 2010.	Comment noted.
43	Geritt Visser: Impacts on groundwater, boreholes, spillages of diesel and construction camps near our sites would be of great concern. The EMP need to provide for a 1 km biohazard zone around our facilities during construction.	Geritt Visser, County Fair Focus Group Meeting, 11 February 2010.	Comment noted.
44	Stephen Levaten: We look forward to receiving the draft environmental impact assessment report to study your findings.	Stephen Levaten, County Fair Focus Group Meeting, 11 February 2010.	Comment noted.
<b>Garden Cities Concerns</b>			
45	Herman van Heerden: Must the line go to Muldersvlei?	Herman van Heerden, Garden Cities Focus Group Meeting, 11 February 2010.	No, the proposed lines do not go into Muldervlei substation and therefore they do not have to go via this substation. The proposed lines will by-pass Muldersvlei substation. The purpose of the project is to identify the most appropriate route and servitude to Stikland substation, The routes indicated on the maps are the alternative routes being investigated in the EIA.
46	Herman van Heerden: What is the width of your corridors?	Herman van Heerden, Garden Cities Focus Group Meeting, 11 February 2010.	The corridors are 1 km in width. Within this, Eskom would need to secure two 55 m servitudes for the proposed lines.
47	Herman van Heerden: The City of Cape Town is in the process of constructing a new sewage works for this area.	Herman van Heerden, Garden Cities Focus Group Meeting, 11 February 2010.	Comment noted.
48	Andrew Luger: I would like to indicate to you the size of the Garden Cities development on the map and the area it covers.	Andrew Luger, Garden Cities Focus Group Meeting, 11 February 2010.	Development boundaries noted.
49	Andrew Luger: Please note Garden Cities have completed its studies, environmental impact	Andrew Luger, Garden Cities Focus Group Meeting, 11	Comment noted.

No.	Issue	Raised by	Response
	assessment and all applications and planning.	February 2010.	
50	Andrew Luger: Garden Cities will be building a large residential estate with light industrial developments along the railway line.	Andrew Luger, Garden Cities Focus Group Meeting, 11 February 2010.	Comment noted.
51	Andrew Luger: Are you aware of the City of Cape Towns low income housing developments planned for this area?	Andrew Luger, Garden Cities Focus Group Meeting, 11 February 2010.	Yes we are aware through consultation with the City of Cape Town.
52	Andrew Luger: Land prices for developments can go up to one million Rand per hectare.	Andrew Luger, Garden Cities Focus Group Meeting, 11 February 2010.	Comment noted.
53	Andrew Luger: Deviation 1 Red is not doable as it affects a large number of key landowners such as Garden Cities, County Fair, City of Cape Town and the Fisantekraal airstrip.	Andrew Luger, Garden Cities Focus Group Meeting, 11 February 2010.	Comment noted.
54	Herman van Heerden: The best way forward would be to stay in the existing transmission line corridors.	Herman van Heerden, Garden Cities Focus Group Meeting, 11 February 2010.	Comment noted.
55	Renier Smit: Are you investigating going north or south of the current power lines in the existing corridors.	Renier Smit, Garden Cities Focus Group Meeting, 11 February 2010.	The alternatives which have been presented for investigation are those which have been identified by Eskom as being technically and economically feasible.
56	Herman van Heerden: Why is there a large gap in the middle of the existing power line servitude (i.e. between the two existing lines)?	Herman van Heerden, Garden Cities Focus Group Meeting, 11 February 2010.	The reason for this space needs to be investigated by Eskom.
57	Renier Smit: Our Garden Cities planning is quite advanced and all our applications have been submitted. We are looking at infrastructure development and cannot permit any Eskom power lines to cross our development. We look forward to commenting on the draft environmental impact assessment report.	Renier Smit, Garden Cities Focus Group Meeting, 11 February 2010.	Comment noted.
58	Renier Smit: Urban econ did the social study for the area.	Renier Smit, Garden Cities Focus Group Meeting, 11 February 2010.	Comment noted.

No.	Issue	Raised by	Response
		February 2010.	
59	Herman van Heerden: How would you cross 132kV and 400kV power lines?	Herman van Heerden, Garden Cities Focus Group Meeting, 11 February 2010.	Eskom employs line designers to determine how this would be achieved. This will be investigated for this project by the technical team once a final route has been identified, and will be confirmed in the design phase of the project.
60	Herman van Heerden: Is it possible to swop the existing lines at the power station, upgrade the existing lines and substations without building new lines?	Herman van Heerden, Garden Cities Focus Group Meeting, 11 February 2010.	This need to be checked with the planners.
<b>Kleine Zout Rivier Concerns</b>			
<b>Ankerlig-Omega Line</b>			
61	Clarity was sought regarding when the Ankerlig-Omega line would be constructed and when Eskom would negotiate and acquire the servitude.	Wimpie Henning, Eskom Land & Rights, Key Stakeholder Meeting, Koeberg, 11 February 2010.	Wimpie Henning indicated that it is likely that Eskom will only construct the Ankerlig-Omega line in the next 2 – 3 years. Eskom is to determine whether they are still to acquire the servitude in the short-term. There is currently no timeframe as to when the servitude would be acquired. It was noted that an extension to the validity period of the Environmental Authorisation would need to be obtained from the Department of Environmental Affairs (DEA), as this authorisation was only valid for a limited period (2-3 years).
62	Paul and Ronel Gerber: A final decision regarding if and when the servitude would be acquired is needed. We cannot wait around for another 2 to 3 years waiting for Eskom to purchase the servitude. Another power line on our property will have significant impacts. Our property cannot accommodate another line without impacting on our house.	Paul Gerber, landowner, Key Stakeholder Meeting, Koeberg, 11 February 2010.	Joyce Mashiteng indicated that the need for the power line would need to be confirmed by the Transmission Planning Department and PDD. She was in contact with Leslie Naidoo, the GM of planning in this regard.
63	Shawn Johnston suggested that a	Shawn Johnston, Facilitator,	Paul and Ronel Gerber: We need confirmation if we are to

No.	Issue	Raised by	Response
	communication be issued by Eskom indicating if the line is to be constructed or not, and the timing of this construction. This communication should be issued to all affected landowners.	Key Stakeholder Meeting, Koeberg, 11 February 2010.	be affected and when this will occur. We request a meeting with Eskom to discuss this as a written communication is not considered acceptable. It was agreed that a follow up meeting with senior Eskom representatives would be held on 25 February 2010 at 18:30. The arrangement of this meeting will be co-ordinated by Joyce Mashiteng of Eskom Land and Rights. Shawn Johnston recused himself from all future meetings regarding the Ankerlig-Omega line.
64	It was noted that the land within the Kleine Zouterivier area is zoned as agricultural land with a restriction that the land cannot be subdivided into portions less than 21,5 ha. The implications of this restriction need to be considered when purchasing the servitude.	Eskom Tx Key Stakeholder Meeting, Koeberg, 11 February 2010.	Comment noted.
65	Shawn Johnston indicated that it is vital that Eskom establish a liaison between themselves and the Kleine Zouterivier landowners.	Shawn Johnston, Facilitator, Key Stakeholder Meeting, Koeberg, 11 February 2010.	Comment noted.
66	Maintenance of the road to the Kleine Zouterivier area is a concern. Who will be responsible for the maintenance of this road if it is used by Eskom during construction?	Eskom Tx Key Stakeholder Meeting, Koeberg, 11 February 2010.	Maintenance of existing access roads used by Eskom during construction will be required to be undertaken by the construction contractors. This requirement will form part of the Environmental Management Plan (EMP) for the project.
67	The City of Cape Town is currently revising the spatial planning for the city to include Atlantis (the Atlantis-Blaauwberg corridor). A development at Koeberg will cut off Atlantis from the rest of Cape Town. It is therefore important to engage with the spatial planning department at the City of Cape Town.	Eskom Tx Key Stakeholder Meeting, Koeberg, 11 February 2010.	The City of Cape Town has been consulted regarding the proposed Koeberg-2 Integration Project and has submitted comments on the Scoping Report. They will continue to be consulted throughout the EIA process.
68	Impacts on property values as a result of the planned power lines is a concern.	Eskom Tx Key Stakeholder Meeting, Koeberg, 11	Comment noted. Potential impacts in this regard will be addressed through the Social Impact Assessment to be

No.	Issue	Raised by	Response
		February 2010	undertaken as part of the EIA.
69	Mike Merrick noted that he is an interested party and not a landowner in the Kleine Zouterivier area.	Eskom Tx Key Stakeholder Meeting, Koeberg, 11 February 2010	Comment noted.
70	Representatives of the City of Cape Town should be invited to the next Focus Group Meeting regarding this project.	Eskom Tx Key Stakeholder Meeting, Koeberg, 11 February 2010	Comment noted.