Proposed Anderson 400kV Substation and Anderson-Dinaledi 400kV Powerline – Issues and Response Register

Table 1: Issues and Response Register – Initial Public Participation Phase

Ref No:	Date Comment Received	Comment Raised	Response Given
SP-IPP-AJ	3/11/2010	Mr A J Jansesn requested to be registered as an Interested and Affected Party (I&AP), and indicated that the following property owners should be notified of the proposed project: • Flora Park Portions 6, 9, 12, 13, 47, 48, 90 and 91.	Mr Jansen was registered as an I&AP. Mr Jansen's comment was noted. The owners of the properties mentioned by Mr Jansen will be notified of the projects.
SP-IPP-ZP	05/10/2010	Mr Phambuka requested an electronic copy of a detailed map in order to establish how the Farm Elandsfontein 440 JQ will be affected by the proposed projects.	A detailed locality map showing all the alternative powerline routes as well as the associated 1km study area and location of the two alternative substation sites was forwarded to Mr Phambuka via Send2Delviver on the 11 th of October 2010.
SP-IPP-PDH	07/10/2010	Mr de Haas mentioned that he stays and works in the area and requested a detailed copy of a locality map.	A detailed locality map showing all the alternative powerline routes as well as the associated 1km study area and location of the two alternative substation sites was forwarded to Mr de Haas via Send2Delviver on the 11 th of October 2010.
		Ms R Oelofse requested to be registered as an Interested and Affected	
		Party (I&AP). Mentioned that she owns a property directly to the east of the	Ms Oelofse was registered as an I&AP, and it was indicated to
SP-IPP-RO	11/10/2010	proposed route which traverses Kameeldrift West. Indicated that she would	Ms Oelofse that all comments regarding the project should be
		like to comment on the project and enquired on how the comments should	submitted to the relevant EAP from Nemai Consulting.
		be made.	
		Mr Malan requested to be requested to be registered as an Interested and	Mr Malan was registered as an I&AP. A copy of the BID was emailed to Mr Malan on the 13 th of October 2010, furthermore a
SP-IPP-CM	13/10/2010	Affected Party (I&AP). Mr Malan indicated that he is the owner of Portion	detailed locality map showing all the alternative powerline routes as well as the associated 1km study area and location of the two
		191 of the Farm 485 JQ. Requested to obtain a copy of the BID.	alternative substation sites was forwarded to Mr Malan via Send2Delviver on the 13 th of October 2010.
SP-IPP-MM	13/10/2010	Mr Matthias Malan was copied on the e-mail which was sent to Mr Chris Malan (above). Mr Malan was out of the office and an out of office reply was received.	Mr Malan was registered as an I&AP



Ref No:	Date Comment Received	Comment Raised	Response Given
SP-IPP-WL	13/10/2010	Mr Lord requested to be registered as an I&AP. Mr Lord submitted a completed Reply Form, and indicated on this form that his property is directly affected by the proposed substation alternatives and request to be kept informed of the project	Mr Lord was registered as an I&AP. Mr Lord will be kept informed of the proposed project throughout the Scoping and EIA Phases.
SP-IPP-KW	14/10/2010	Mr Young requested to be registered as an I&AP and requested KML or KMZ files of the proposed route or a detailed locality map.	Mr Young was registered as an I&AP. A detailed copy of the map will be forwarded to Mr Young as requested.
SP-IPP-JS	14/10/2010	Ms Strachan enquired details on which of Finstone's properties will be affected.	A copy of the BID and list of all affected properties located within the study area was sent to Ms Strachan on the 13 th of October 2010
SP-IPP-TH	15/10/2010	Mr Hanekom requested to obtain a copy of the BID.	A copy of the BID and locality map was sent to Mr Hanekom on the 1 st of November 2010.
SP-IPP-HE	18/10/2010	Ms Eloff requested a copy of the BID and enquired on whether their property will be affected by the proposed development.	Ms Eloff was registered as an I&AP. A copy of the BID was e-mailed to Mr Malan on the 19 th of October 2010, furthermore a detailed locality map showing all the alternative powerline routes as well as the associated 1km study area and location of the two alternative substation sites was forwarded to Mr Malan via Send2Delviver on the 19 th of October 2010. A map was also compiled showing the location of Portion 157 and where this portion is located in relation to the project.
SP-IPP-MW	13/10/2010	Mr Wright contacted Nemai on the 19 th of October 2010 and requested a copy of the BID and locality map to determine whether his property will be affected by the proposed project.	A copy of the BID was e-mailed to Mr Wright on the 13 th of October 2010, furthermore a detailed locality map showing all the alternative powerline routes as well as the associated 1km study area and location of the two alternative substation sites was forwarded to Mr Wright via Send2Delviver on the 13 th of October 2010.
SP-IPP-MW	19/10/2010	Mr Wright thanked Nemai for providing him with the requested information and indicated that his property is not located near the study area.	Noted.
SP-IPP-BL	24/10/2010	Mr Lotter thanked Nemai for the presentation held at the Laerskool Broederstroom on the 19 th of October 2010. Mr Lotter wanted to ensure that his comments raised during the public meeting where captured and therefore submitted his comment made in writing. Mr Lotter made the following comments: • Enquired on the motivation for the proposed powerline and the necessity thereof;	All comments noted by Mr Lotter have been addressed in the Scoping Report. A copy of the map requested will be forwarded to Mr Lotter. Mr Lotter was registered as an I&AP. A copy of the BID was e-mailed to Mr Lotter on the 18 th of October 2010, furthermore a detailed locality map showing all the alternative powerline routes as well as the associated 1km
		Requests a formal opinion from the Madibeng Local Municipality	study area and location of the two alternative substation sites



Ref No:	Date Comment Received	Comment Raised	Response Given
		 regarding the proposed powerline; Enquired on the consultation Nemai and Eskom had with NECSA regarding the establishment of a substation on the NECSA property; Enquired to obtain a map of the project zoomed into the area where the substation sites and Roos se Oord is located. Requested that property numbers be included on the map; and Requested to be registered as an I&AP. 	was forwarded to Mr Lotter via Send2Delviver on the 18 th of October 2010.
SP-IPP-GN	25/10/2010	Mr Gert Nel enquired how Estate D' Afrique will be affected by the proposed project. Enquired obtain a copy of a detailed locality map.	A copy of the locality map will be forwarded to Mr Nel as requested.
SP-IPP-EvH	01/11/2010	Ms Eurika van Heerden requested to be registered as an I&AP.	Ms van Heerden was registered as an I&AP.
SP-IPP-BR	03/10/2010	Ms Barbara Reid requested that the Magaliesberg Protection Association (MPA) be registered as an I&AP.	The MPA was registered as an I&AP.
SP-IPP-JP	13/10/2010	Mr Joe Prinsloo requested to be registered as an I&AP and to obtain a copy of the BID and locality map.	Mr Prinsloo was registered as an I&AP. A copy of the BID was e-mailed to Mr Prinsloo on the 13 th of October 2010, furthermore a detailed locality map showing all the alternative powerline routes as well as the associated 1km study area and location of the two alternative substation sites was forwarded to Mr Prinsloo via Send2Delviver on the 13 th of October 2010.
SP-IPP-CK	15/10/2010	Mr Kroon requested to be registered as an I&AP and to obtain a copy of the BID and locality map.	Mr Kroon was registered as an I&AP. A copy of the BID was e-mailed to Mr Kroon on the 15 th of October 2010, furthermore a detailed locality map showing all the alternative powerline routes as well as the associated 1km study area and location of the two alternative substation sites was forwarded to Mr Kroon via Send2Delviver on the 15 th of October 2010.
SP-IPP-BE	19/10/2010	Ms Eman requested a copy of the BID and locality map. Ms Eman raised concern with regards electricity supply in he Lanseria area, and mentioned that lots of development is planned but that current electricity supply to the area will not sustain these developments.	A copy of the BID was e-mailed to Ms Eman on the 19 th of October 2010, furthermore a detailed locality map showing all the alternative powerline routes as well as the associated 1km study area and location of the two alternative substation sites was forwarded to Ms Eman via Send2Delviver on the 19 th of October 2010. Ms Eman's property will not be affected by the proposed project as it is located approximately 8km south west of the proposed Anderson Substation.



Ref No:	Date Comment Received	Comment Raised	Response Given
SP-IPP-WS SP-IPP-JHJvR SP-IPP-JvR SP-IPP-HvR	18/10/2010 20/10/2010 20/10/2010 18/10/2010	Mr Wessel Steenkamp requested that a copy of the BID and detailed map be posted to him. Mr J Janse van Rensburg requested to be registered as an I&AP. Mr van Rensburg provided Nemai with information on a proposed development (Swansvlei) earmarked for development on the Farm Rietfontein 485 JQ. Mr Hans van Rensburg requested to obtained a zoomed in map which shows the location Plot 28, 29, 30 and 33.	Ms Eman's comment was forwarded to Eskom. Copies of the documentation requested will be posted to Mr Steenkamp. Mr van Rensburg was registered as an I&AP. Comments noted. A map as requested will be forwarded to Mr van Rensburg. Mr Prinsloo was registered as and Interested and Affected
SP-IPP-JP	19/10/2010	 Mr Prinsloo raised the following issues and concerns with regards to the proposed project: Expressed confusion with regards to the EIA process and Environmental Authorisation Process. Enquired on when landowner negotiations will be undertaken prior to or after EA. Is of the opinion that this must be done prior to EA in order to agree to compensation; Mentioned that there is already a powerline located in his property and this exiting associated servitude causes a lot of problems as it allows for easy access to his property. Mentioned that they have experienced many issues in the past due to vagrants trespassing onto his property, and indicated that he is very concerned about the construction of a proposed new powerline as issues experienced on the property will be increased; Mentioned existing servitude formed a thoroughfare on his property and enquired how Eskom is planning on dealing with this issue with the Anderson-Dinaledi Powerline; Enquired on Eskom's obligation to maintain gates and fences to prevent unlawful access to privately owned land; Enquired whether new servitude area will be fenced off and if so, which measures will be implemented to maintain the fences. Enquired who the contact person is where complaints could be submitted to with regards to poor servitude maintenance and damage to fences and gates; 	 Party. Mr Prinsloo's comments have been noted. Details on some of the queries are already provided in the Scoping Report, however, some questions will only be addressed during the EIA Phase. The following response is provided: Landowner negotiations already commences during the EIA Phase, however, negotiations cannot be finalised prior to receiving Environmental Authorisation for an approved powerline corridor from DEA. As a corridor will be approved and not an exact centre line, the exact location of the proposed centre line will only become known after a corridor was approved, after landowner negotiations and after the walk down survey by specialists. This answer should also provide clarity to the confusion of the Scoping and EIA Process and Authorisation process; All security and access control issues as well as details on maintenance of powerlines and servitudes as well as damage to fences and access gates are dealt with in the Environmental Management Plan. Specific landowner requirements and conditions will based on the aforementioned will form part of the negotiation process and agreements between Eskom and the landowner should be signed to ensure that landowner concerns and management measures are adhered to. A Social Impact Study will be done during the EIA Phase and the findings of this study will



Ref No:	Date Comment Received	Comment Raised	Response Given
		 A new powerline to the east of his property will mean that the property will be bordered by two high voltage lines. Enquired on human health impacts caused by powerlines; Powerline will impact on aesthetics of his property and will cause a decrease in property value. Mentioned that his property is located within a very scenic area. Enquired on compensation with regards to these impacts; Enquired who the owner of the Plot located the west of their property. Mentioned that this plot is vacant and that the powerline should be rather be constructed on this vacant property; Mentioned that locating the powerline on this vacant property will group the existing linear impact and this will be more acceptable to him; Requested that Ms Els, the owner of the vacant property to the west be contacted with regards to the project, and enquired whether Ms Els raised any concerns with regards to the proposed project; Current servitude on his property is located between tow exsitng roads, which make access to his property very easy. Again expressed concern with regards to the management the servitude for the Anderson-Dinaledi line as well as on the maintenance of access gates and fences. 	 be included in the EIA Report. Fencing of the servitude area will be addresses with each affected landowner during the negotiation process; The existing 88kV powerline which is located in the property of Mr Prinsloo will be decommissioned in future. Exact details of the decommissioning process will be incorporated into the EIA Report; Attempts have been made to consult with Ms Els. Details on consultation with Ms Els will be provided to Mr Prinsloo. Eskom acquires servitudes according to the Constitution and the Expropriation Act which states that actual financial loss must be paid, this value is determined by a registered independent land valuer and is a once off payment. The value takes all of the issues raised into consideration. Damage to crops is determined on actual damage during construction which is damage that must happen to create an area for a tower or for an access path for stringing conductors, and is paid at that time. Eskom's lines are designed to meet international EMF standards and will therefore not cause any harmful EMF's. A full Electromagnetic Report undertaken for previous studies will be incorporated into the EIA Report.
SP-IPP-MO	July 2010	 Mr Oosthuizen contacted Nemai Consulting in early July 2010 regaring the proposed projects. Mr Oosthuizen provided the following comments: Mr Oosthuizen owns a property in the study area. Mr Oosthuizen enquired on the status of the project and on the proposed route alignment. Mr Oosthuizen indicated that he is opposed to a 2km wide study area, but that a 1km study area would be suitable. Mr Oosthuizen also indicated that a fixed route alignment should be included within the 1km study corridor, as legislation only accommodates for directly affected people, and that directly affected landowners cannot be indentified within a 1km wide study area. Also mentioned that specialist studies could not be accurate when studying a full 1km study corridor, and therefore it is important to include a centre line. 	A meeting was held with DEA on the 8th of July 2010 to discuss the comments raised by Mr Oosthuizen, and also to discuss Eskom's request to in future study 5km wide corridors without a centre line and a 2x2km study area for substation. During this meeting the Public Participation process to be followed was also discussed with DEA. The outcome of the meeting are briefly summarised below: DEA will not allow a 5km wide study area, and a 2km wide study corridor will also not be allowed. A 1km study corridor would be suitable, and a preferred alignment must be included within the study corridor. DEA authorises a study corridor and the exact route are only determined after the project



Ref No:	Date Comment Received	Comment Raised	Response Given
		Mr Oosthuizen requested to review the Scoping Report, and also requested that a meeting with DEA be held to establish the allowable servitude width and that this meeting should be minuted. Requested that the minutes be included in the Scoping Report as proof that this meeting took place. Mr Oosthuizen indicated that he does not have internet access, and that he is unable to forward written comment to Nemai.	has been authorised. A 2x2km study area will not be allowed for the proposed substation. A substation is fixed, and therefore a fixed site should be investigated for the proposed substation. A 600x600m site will be acceptable. The Public Participation Process items discussed with DEA which was approved during the meeting are as follows: Only directly affected landowners on the route to be identified. All other I&AP's within the 1km corridor to be indentified as potentially affected; Key stakeholders in the study area, such as mines, etc to be identified; Site notices to notify broader public of the project and on the public meetings to be placed along the route; No landowner consent forms will be required as this project is a linear project; and A landowner consent form will be required for the Substation site.
SP-IPP-RO	04/11/2010	Ms R Oelofse requested to obtain a copy of the Public Meeting minutes.	A copy of the minutes will be forwarded to Ms Oelofse.
SP-IPP-HvR	04/11/2010	Mr Hans van Rensburg requested a detailed map showing how Plot 13 Schietfontein will be affected by the proposed powerline.	A detailed map showing the proposed powerline alternatives, associated 1km corridor and affected properties was e-mailed to Mr van Rensburg on the 4 th of November 2010.
SP-IPP-AJ	03/11/2010	Mr Jansen requested to obtain a copy of the Public Meeting minutes	A copy of the minutes will be forwarded to Ms Oelofse.
SP-IPP-RO	04/11/2010	Ms R Oelofse raised various issues with regards to the proposed Powerline and Substation. The comment received by Ms Oelofse was based on the questionnaire which was made available to the Public for the Social Impact Assessment which is undertaken for the Powerline and substation projects.	Ms Oelofse's comment has been noted. All issues raised will be addressed in the EIA and Social Impact Assessment Report. The following the response has been provided: • Eskom's lines are designed to meet international EMF standards and will therefore not cause any harmful EMF's. A
		The full comment and issues letter obtained from Ms Oelofse are therefore	full Electromagnetic Report undertaken for previous studies will be incorporated into the EIA Report.



Ref No:	Date Comment Received	Comment Raised	Response Given
		not captured in the Issues and Response register, however, the full comments and issues letter received is attached to Appendix D and will be addressed in the Social Impact Assessment Reports as well as the EIA Report. The issues raised by Ms Oelofse are summarised below: Raised various concerns with regards to health issues, i.e. the impact of EMF's on animals and humans, especially children; Concerns with regards to safety during and after construction; Concerns with regards to services and accommodation of construction workers; Concern with regards to decrease in property values; Concern with regards to visual impact. Is of the opinion that the study area will no longer be a place of peace and tranquillity; and Concerned that the proposed projects may affect the livelihood of residents, especially farming activities and proposed future tourism development.	 All security and access control issues as well as details on maintenance of powerlines and servitudes as well as damage to fences and access gates are dealt with in the Environmental Management Plan. Specific landowner requirements and conditions will based on the aforementioned will form part of the negotiation process and agreements between Eskom and the landowner should be signed to ensure that landowner concerns and management measures are adhered to. A Social Impact Study will be done during the EIA Phase and the findings of this study will be included in the EIA Report. Eskom acquires servitudes according to the Constitution and the Expropriation Act which states that actual financial loss must be paid, this value is determined by a registered independent land valuer and is a once off payment. The value takes all of the issues raised into consideration. Damage to crops is determined on actual damage during construction which is damage that must happen to create an area for a tower or for an access path for stringing conductors, and is paid at that time. The exact location and number of contractor camps which will be required during the construction phase to house the construction workers is not yet known. The location of these camps forms part of landowner negotiations. Issues with regards to the provision of services to these camps will be addressed during the EIA Phase and details will be provided in the EIA Report; and A Visual Impact Assessment will be undertaken during the EIA Phase. The findings and recommendations of the Visual Impact Assessment will be incorporated into the EIA Report.



Table 2: Issues and Response Register – Draft Scoping Report Review Period

Ref No:	Date Comment Received	Comment Raised	Response Given
SP-IPP-RO	04/11/2010	Ms Oelofse indicated that she was unable to attend the Public Meeting and Requested to obtain a copy of the minutes of the Public Meeting.	A copy of the minutes of the Public Meetings was attached to the Draft Scoping Reports which was made available for Public Review from the 8 th of November 2010. A copy of the minutes of the Public Meetings was forwarded to all registered Interested and Affected Parties via e-mail on the 11 th of November 2010.
SP-IPP-HvR	04/11/2010	Mr Hans van Rensburg indicated that he attended the Public Meeting which was held at the Brits High School. Requested to obtain a detailed map showing how Plot 30 of the Farm Schietfontein will be impacted by the proposed powerline.	A detailed map showing the entire proposed project overlain on an aerial photograph and cadastral information was forwarded to Mr van Rensburg.
SP-IPP-DG	09/11/2010	 Ms Dominique Gilbert requested to be registered as an I&AP. She also requested that the following parties be registered as I&AP's: Pelindaba Working Group Contact: Dominique Gilbert pelindabanonukes@gmail.com Coalition Against Nuclear Energy: Northern Regions Contact: Christine Garbett nuclear@prisk.co.za Christine Garbett christine@prisk.co.za Rob Garbett rob@prisk.co.za Ms Gilbert also requested answers to the following: Briefly, what is the purpose of / reason for the proposed development? What is the source of the power generation? How will Necsa be involved – as user or generator? Ms Gilbert indicated that it is extremely difficult for them to attend Public	All parties listed in the e-mail from Ms Gilbert have been registered as Interested and Affected Parties. A BID and locality map was provided to Ms Gilbert, as well as the details on where the Draft Scoping Reports could be reviewed. Furthermore a project description and background as contained in the Draft Scoping Reports was provided to Ms Gilbert via e-mail. It was noted in the e-mail to Ms Gilbert that the Public Review period for these Draft Scoping Reports at the Public Venues ends on the 15th of December 2010 at 10:00. However, the Reports may still be reviewed on the Eskom website. The Final Scoping Reports will be submitted to the Department of Environmental Affairs on the 15th of December 2010. However, the review period by the Department will only commence on the 3rd of January 2011. Ms Gilbert was therefore requested to provide Nemai Consulting with her written comment or issues and concerns regarding the proposed development by the 3rd of January 2011. It was mentioned that her comments will then be submitted as additional information to the Department to review as part of the Final Scoping Reports.
		Meetings and therefore requested to obtain details on where the Scoping	It was further mentioned that Pelindaba will not act as generator,



Ref No:	Date Comment Received	Comment Raised	Response Given
SP-IPP-RO	11/11/2010	Reports can be reviewed as well as to obtain a copy of the BID. Ms Oelofse requested another copy of the locality map.	but may benefit from the project as the proposed substation and powerline will strengthen the electricity network in the area. A copy of the map was forwarded to Ms Oelofse on the 11 th of
SP-IPP-RO	11/11/2010	 Ms Oelofse raised the following questions: Will there be another meeting; Enquired whether any pylons will be constructed on Plot 1 of the Farm Kameeldrift West, or whether the pylons will only be located on the property directly west of Plot 1; Enquired on the width of the servitude; Mentioned that there is an existing powerline located along the western route alternative which traverse Silkaatsnek. Enquired whether it will not be more feasible to upgrade this exisiting line instead of developing a new line along the eastern route. Enquired on the meaning of B18 as indicated on the locality map; Indicated that her property is only 100m in width and that the can not loose 55m of their property as a result of a servitude; Mentioned that she purchased her property 1.5 years ago with money which she inherited, and is very concerned that she may now loose her property as a result of the proposed powerline; Enquired on additional methods to oppose project; Enquired what will happen when a landowner refuses to provide consent for the construction of a powerline on their property; Enquired on the compensation amount per hectare for Eskom to purchase a servitude; and Enquired on the Scoping and EIA timeframes as well as the expected date of commencement of construction activities as well as the duration of the construction phase. 	 November 2010 as requested. The following responses where provided to Ms Oelofse through several e-mails on the 11th of November 2010: The servitude width required is 55m, therefore 27.5m on either side of the powerline; There are three alternative powerline routes, each with a 1km study corridor. The Scoping and EIA Process is undertaken for the entire 1km study corridor to allow for movement of the proposed powerline within the 1km study corridor. The Specialist Studies and Impact Assessment ultimetally determines which corridor would be the preferred corridor, and based on this a recommendation is made in the EIA Report as to which corridor would be authorised lies with the Department of Environmental Affairs. Once a corridor has been authorised by the Department, an exact centre line is determined within this corridor based on the findings and recommendation of the specialist studies and impact assessment. On a level surface pylons can be spaced between 350m-550m part, and on steeper slopes the spacing between pylons becomes less. Therefore, the exact location of the powerline and pylons will only be known once the project has been authorised by the Department of Environmental Affairs. The construction of the proposed powerline is expected to take between 12 and 24 months, and the expected commencement date of construction is early 2013. After EIA approval (should the project be approved), Eskom will commence with negotiations (after they have received a valuation report, from an independent, registered valuer)



Ref No:	Date Comment Received	Comment Raised	Response Given
			with the landowners to purchase a servitude on the affected properties. During this time the co-ordinates of the centre line of the route and position of the towers within the corridor approved by the authorities will be determined by surveyors. The construction process mainly consists of the following activities: Servitude and access road negotiations; Contractor site establishment; Survey and pegging of tower positions; Access road construction; Gate installation and vegetation clearing; Foundation excavation and installation; Tower assembly and erection; Conductor stringing and tensioning; Conductor testing; and Servitude clean-up and rehabilitation. The issue with regards to the upgrading of the existing powerline was discussed in detail during the second Public Meeting which was held. The minutes of the Public meeting was sent to Ms Oelofse to refer to the discussion which was held during the meeting. The upgrading of the existing line is not possible. B18 refers to Bend No 18. A full explanation on interpreting the Bend points was provided to Ms Oelofse; The proposed project timeframe is provided in the table below:
			EIA Milestone Proposed Timeframe Public Review of draft Scoping Report 08/11/2010-15/12/2010 Submission of final Scoping Report to DEA
			Review of Scoping Report by DEA 15/12/2010-31/01/2011 Notification of Scoping Report decision and commencement of EIA 15/12/2010-31/01/2011
			EIA Public Participation 01/02/2011-10/03/2011



Ref No:	Date Comment Received	Comment Raised	Response Given
			Public Review of draft EIA Report 14/02/2011-24/03/2011
			Submit final EIA Report to DEA 28/03/2011
			DEA Review & Decision 28/03/2011-28/06/2011
			Notify I&APs of Decision 29/06/2011
			 Should a landowner refuse to provide consent for the construction of a powerline on their property, Eskom may expropriate in terms of the Constitution, Expropriation Act, as well as the Electricity Regulation Act. However, Eskom is not in favour of expropriation. Negotiations will be entered into between the two parties in an effort to come to an amicable solution. Eskom acquires servitudes according to the Constitution and the Expropriation Act which states that actual financial loss must be paid, this value is determined by a registered independent land valuer and is a once off payment. The value takes all of the issues raised into consideration. Damage to crops is determined on actual damage during construction which is damage that must happen to create an area for a tower or for an access path for stringing conductors, and is paid at that time. A landowner may appoint another valuer to valuate the property in order to compare the values determined.
SP-IPP-BL	11/11/2010	Mr Braam Lotter enquired on alternatives methods to obtain a copy of the Draft Scoping Reports.	The Draft Reports is available for Public Review on the Eskom website. The link to the website is www.eskom.co.za/eia . Unfortunately all of the Public Participation Appendices can not be viewed on the Eskom Website. A copy of the main body of the Draft Scoping Reports can also be e-mailed.
SP-IPP-HvR	15/11/2010	Mr van Rensburg thanked Nemai for providing a map showing how his property will be impacted by the proposed powerline. Indicated that based on the discussion held during the Public Meeting with regards to the width of the servitude and the spacing required between the proposed 400kV line and the existing 88kV line, that his property, Plot 30 of the Farm Schietfontein will be seriously affected by the proposed centre line, as it will	The comments made by Mr van Rensburg has been noted and has been included in the Issues and Response Register which will be attached to the Final Scoping Report, as well as the Draft and Final Environmental Impact Assessment Reports. Eskom will be notified of Mr van Rensburg's request to have a site visit to his property, and a site visit will be scheduled.



Ref No:	Date Comment Received	Comment Raised	Response Given
		traverse houses and storage areas. Further indicated that Plot 30 is only between 75 and 100m wide. Formally requested that his issues be recorded and that Eskom physically	
		visit the plot in his presence to authenticate themselves with the situation as explained above.	
SP-IPP- MDE	16/11/2010	Mr Marius Deschodt contacted Nemai Consulting on the 15 th of November 2010 and requested to be registered as an Interested and Affected Party. Mr Deschodt indicated that he is the owner of Portions 112 and 113 of the Farm Schurweberg, and requested to obtain a locality map of the proposed 400kV powerline to establish how his properties will be affected by the proposed powerline. Mr Deschodt further requested that his neighbour, Mr Jan de Bruin, the	Mr Deschodt and Mr de Bruin were registered as I&AP's. A locality map showing the various proposed powerline route alternatives and associated 1km study area was provided to Mr Deschodt and Mr de bruin. Maps indicating how the location of Portions 112, 113 and 115 of the Farm Schurweberg in relation to the proposed powerline was created and e-mailed to Mr
		owner of Portion 115 of the Farm Schurweberg also be registered as an Interested and Affected Party.	Deschodt and Mr de Bruin.
SP-IPP- MDE	17/11/2010	Mr Deschodt requested that the existing 88kV line also be shown on the locality map. Also requested that Mr Jurie Human, the owner of Portion 114 of the Farm Schurveberg be registered as an I&AP. The following details for Mr Human was provided: jurieh@vodamail.co.za and cell: 082 882 7425.	A request was forwarded to Eskom to include the existing 88kV line on the locality map. Mr Jurie Human was registered as an I&AP.
SP-IPP- DPO	19/11/2010	Mr Potgieter indicated that he has been appointed as the NECSA Utility Manager and Property Departments' single point contact to liaise with Eskom and Nemai with regards the proposed powerline and substation. Therefore requested that NECSA be registered as an I&AP. Also requested that all future correspondence be forwarded directly to him. Indicated that his office is located at Pelindaba and provided the following contact details:	Mr Potgieter was registered and an I&AP on behalf of NECSA. Mr Potgieter was informed that the Draft Scoping for both the Anderson-Dinaledi 400kV Powerline and the Anderson 400kV Substation is currently available for Public Review. The Public Review period will end at 10:00 on Wednesday the 15th of December 2010. Please provide me with all you comments and concerns by no later than the 14th of December 2010.
		Dirksnr@potgieter.com. Dirk Potgieter Engineer: Project and contract management	The Draft Scoping Reports are also available for Public review on the Eskom Website. The link do view or download these Reports are: www.eskom.co.za/eia



Ref No:	Date Comment Received	Comment Raised	Response Given
		Tel: 012 305 6052 Fax: 012 305 6031 Cell: 083 308 0116 Email: dirk.potgieter@necsa.co.za Website: www.necsa.co.za	A detailed map showing the location of the three proposed powerline alternatives, and associated proposed deviations as well as the 1km study corridor was provided to Mr Potgieter.
SP-IPP- MDE	01/12/2010	Mr Deschodt again requested to obtain a locality map showing how Portions 111 and 112 of the Farm Schurveberg will be affected by the proposed powerline. Also requested that Mr Johan Kirsten, the owner of Portion 111 of the Farm Schurveberg be registered as an I&AP. The following cell no for Mr Kirsten was provided: 0724316327	Two maps showing the location of Portions 112, 113 and 115 of the Farm Schurveberg 488 JQ was created and forwarded to Mr Deschodt. Mr Johan Kirsten was registered as an Interested and Affected Party.
SP-IPP- MDE	24/11/2010	Mr Deschodt requested that Mr Werner Peters, the owner of Portion 97, 98, 105 and 107 of the Farm Schurweberg be registered as an I&AP. The following contact details was provided: Fax: +27 86 5658 709 Cell: +27 82 4055 219 Tel: +27 12 3719 258 Mail: info@wksystems.co.za	Mr Peters was registered as an I&AP.
SP-IPP-JHU	30/11/2010	Mr Human indicated that he was notified by a neighbour of the proposed project, and requested to be registered as an I&AP. Indicated that he did not receive any information regarding the proposed project and requested to obtained relevant information.	Mr Human was registered as an I&AP, and notified that the Draft Scoping Reports for the proposed Anderson-Dinaledi 400kV Powerline, as well as the Anderson 400kV substation is currently available for Public Review. The Public Review period will end on the 15th of December 2010 at 10:00. All issues and concerns regarding these proposed projects should therefore be forwarded to Nemai by no later than Thursday the 15th of December 2010 at 10:00. The Draft Scoping Reports are available for review on the Eskom Website (www.eskom.co.za/eia). The Reports are also available for review at the following Public Venues:
			70100



Ref No:	Date Comment Received	Comment Raised	Response Given
			Hoërskool Brits 1 Johan Street, Brits
SP-IPP- MDE	07/12/2010	Mr Deschodt again requested to obtain a locality map showing the location of the existing 88kV powerline.	Human. A request was forwarded to Eskom to a map showing the location of the existing 88kV lines. A map was obtained from Eskom and was forwarded to Mr Deschodt on the 7 th of December 2010.
SP-IPP- JOvV	30/11/2010	 Mr John van Vuuren requested to have a meeting with Eskom and Nemai to dicuss his issues and concerns. Mr van Vuuren indicated that he would like to discuss the following issues and concerns during the meeting: The project only covers the 400kV feeder powerline to the substation. What about the distribution powerlines from the substation? Location of the substation. We need clarity on this. The substation will be visible from many residences on Estate d' Afrique. It is an upmarket estate with high value properties. The concern is that the substation will have a negative effct on property values. What can be done to negate this ie planting of trees, landscaping, etc to screen the substation from the view of owners? A major concern is the construction phase - housing, security and environmental controls. Access roads both during the construction phase and the operation phase. We have some ideas that we would like to share with you. Necsa - the proposed substation will be within the 5km emergency zone of the Necsa Pelindaba site. What dialogue has there been, if any, with Necsa? 	A meeting was held with Mr van Vuuren on the 9th of December 2010 at the Nemai offices in Randburg. The Issues raised by Mr van Vuuren was discussed during this meeting and has been documented in the minutes which were compiled for this meeting. The minutes and attendance register is attached to Appendix E of this Report. Details regarding the meeting and a summary of the issues raised and responses provided is contained in Section 6.2.1 of this Report.



Ref No:	Date Comment Received	Comment Raised	Response Given
SP-IPP- MDE	07/12/2010	Mr Deschodt requested to obtain shapeflies of the centre line and proposed study corridors.	Shapefiles was forwarded to Mr Deschodt on the 7th of December 2010.
SP-IPP- MDE	07/12/2010	Mr Deschodt indicated that the 88kV line which is located on Portion 112 of the Farm Schurveberg is not shown on the locality map provided by Eskom. Mentioned that he is of the understanding that there are four existing 88kV powerlines in the study area.	A request for a new map was forwarded to Eskom. Eskom indicated that the lines which Mr Deschodt is referring to are Municipal lines and that Eskom does not have record of these lines to include on the locality map. Eskom is in the process to liaise with the Madibeng Local Municipality to obtain shapefiles showing the Municipal powerlines.
SP-IPP- BvdW	10/12/2010	Mr Bryan van der Westhuizen submitted a Reply Form to Nemai Consulting on behalf of Mr B J Muller, the owner of Portion 108 of the Farm Rietfontein 485 – JQ. Mr van der Westhuizen indicated that Mr Muller's property is traversed by the proposed powerline in a way which would make the property useless as it is a very narrow property. Also requested that Mr Tol Vorster, the owner of Portion 111 of the Farm Rietfontein 485 – JQ be registered as an I&AP. Indicated that Mr Vorster is currently in hospital and is unable to provide a written response. Mentioned that Mr Vorster is Mr Muller's neighbour and that they share the same concerns.	Both Mr Vorster and Mr Muller were registered as I&AP's.
SP-IPP-BJM	19/10/2010	Mr B J Muller mentioned that he owns Portion 108 of the Farm Rietfontein 485 JQ. Mentioned that Portion 108 is 10ha in extent but is a very long and narrow property. Mentioned that the proposed powerline will impact on the existing house located on the property and that the property will become useless due to its narrowness. Mentioned that these comments also apply to Portion 111 of the Farm Rietfontein 485 JQ which is owned by Mr Vorster. Requested that these issues be considered during the EIA Phase.	The comments raised by Mr Muller have been captured in the Issues and Response Register, and it is noted that these comments also applies to Mr Vorster. These issues will be considered during the EIA Phase.
SP-IPP-GST	12/12/2010	Mr Gert Steyn submitted a formal letter to Nemai Consulting on 12 December 2010 in which he raised his issues and concerns with regards to the proposed project. The letter received from Mr Steyn is attached to Appendix E of this Scoping Report. The issues and comments are summarised below: • Mr Steyn recognises that this project is required due to the increasing demand of electricity, but mentioned that this should be dealt with in	The following specialist studies with regards to the natural environment will be undertaken during the EIA Phase to establish whether sensitive habitat or species occur within the study site: • Vegetation Assessment; • Fauna Assessment; • Avifauna Assessment;



ate nment eived	Comment Raised	Response Given
	harmony with the environment; Mr Steyn provided the following comments with regards to the proposed Substation: Objects on behalf of the Welgedund community to the construction of the proposed Anderson Substation for the following reasons: North eastern section of the North West Province generally represents higher biodiversity than the southern and western sections and has been labelled as a critically important area. Areas of strategic importance includes the Witwatersberg natural area and the Cradle of Humankind, as well as the immediate area around the dam and the Pelindaba Nuclear Facility; The proposed substation sites falls within the Hartbeespoort Dam Nature Reserve and demarcated for low impact development; Environmental Control status of the study area is rated as high in terms of open space, rivers, slopes and red data species; Vegetation type in study area is comprised of Clay Thorn Busheveld of which only 0.93% is conserved in SA; Three Red Data mammal species and two red data herpetefauna species occur in the study area; The Welgedund grass plain is also used as a feeding platform for the endangered Gyps coprotheres and also serves to provide a terrestrial continuum that links various conservancies; The Welgedund area is recognised by Birdlife Africa as an important birding area; The Welgedund area forms part of the Magaliesberg Biosphere Reserve; NWDACERD approved a facility in the study area for hormone manipulation and genetic modification techniques to produce a biocontrol agent that is of national importance. High voltage electricity serves as a hormone disrupter; Due to sensitive nature of study area, these substation sites should never have been considered; The following l&AP's should be included: DWA, The Metsiame Remediation Project, Hartbeespoort Water Action Group, Birdlife Africa, Hartbeespoort Environment and Heritage Association,	Herpetological Assessment; and a Invertebrate Assessment. All issues and concerns raised by Mr Steyn will be considered during the EIA Phase. Many of the parties named by Mr Steyn who should be registered as I&AP's have already been informed of the project. Refer to Section 6.1 and 6.2 of this Report for details. The remainder will be notified. The relevant officer at the NW DACE is Tarina Boshoff and copies of both Scoping Reports have been delivered to Ms Boshoff for review and comment. The relevant officials at the Madibeng Municpality are Ms Portia Ravel from the Town Planning Department and Mr Reuben Moatshe from the Environmental Department. Refer to Section 6.1 of this Report for their contact details.



Ref No:	Date Comment Received	Comment Raised	Response Given
SP-IPP-RvC	13/12/2010	Wildlife Management Association of SA, the Endangered Wildlife Trust, SANBI and the WWF SA. Further enquired for details of relevant contacts at NW DACE as well as at the Madibeng Local Municipality. Ms Ronel van Coller from Atterbury, the developer for the Beau Rivage Development, situated on Portion 87 (a portion of Portion 4) of the farm Welgegund 491 JQ, lodged concerns with regards to the proposed Anderson Substation and specifically Alternative Site 1, but not excluding Alternative Site 2's, position. The Beau Rivage Development is a Residential development, promoting a country style living environment. The placement of the proposed Substation right at the entrance road to the Estate is aesthetically not acceptable and they strongly object thereto. Requested to be registered as an I&AP and that all correspondence be forwarded the e-mail address provided.	Ms Ronel van Coller was registered as an I&AP on behalf of Atterbury and her comments have been noted. These comments will be considered during the EIA Phase.
SP-IPP-CK	10/12/2010	 Mr Kroon, the owner of Portion 268 of the Farm Kameeldrift West 313, submitted a formal letter to Nemai Consulting on the 10th of December 2010. The letter submitted by Mr Kroon is attached to Appendix E of this Report. The comments made by Mr Kroon with regards to the Western Route alignment for the proposed Anderson-Dinaledi 400kV Powerline is as follows: The vacant land was obtained in May 2004 with the intention of an investment which could be developed and maintained; Powerline will negatively affect property as it is very narrow and long; Only open view is on the eastern and northern side of the mountain; Powerline will cause negative visual impact; Very little room for additional development will be left as powerline will run between existing house and powerline; Concerned with regards to loss of land value due to powerline; Land currently used for breeding of endangered wildlife species such as Sable Antelope, and servitude and powerline will impact on this activity; 	All issues raised by Mr Kroon have been noted and will be addressed in the EIA Report.



Ref No:	Date Comment Received	Comment Raised	Response Given
SP-IPP- MDE	14/12/2010	 Poultry farming also undertaken and powerline will make planned expansion of the poultry farm impossible; Proposed powerline will impact on current farming activities and income. Mr Marius Deschodt formally submitted comments and alternative proposed powerline route deviations to Nemai Consulting on the 14th of December 2010. The letter and map showing the proposed deviation are attached to Appendix E of this EIA Report. The comments made and deviations proposed are summarised below: Issues with regards to noise impact due to noise generated by high voltage power. The proposed powerline is located in close proximity to their house; Issues related to Visual Impact, as the pylons are very unattractive; Issues with regards to the current municipal 88kV line. This line is located in the border of Plot 112 Farm Schurveberg. Proposed eastern route alternative will cut Portions 112 and 113 in half. Mentioned that proposed powerline will restrict future planned development on these properties; Requests details of the specialists who will be undertaking the Fauna, Vegetation and Invertebrate Assessment to ensure that these studies will be done by accredited specialists; Mr Deschodt further proposed an alternative to the alternative routes as presented in the Draft Scoping Report. These alternatives were numbered AA, AB and AC and can be seen on the map attached to the letter (Appendix E). 	All comments made by Mr Kroon have been noted and will be considered during the EIA Phase. A Visual Impact Assessment will be undertaken during the EIA Phase. A Noise Impact Assessment have not been included as a study to be undertaken during the EIA Phase as the noise generated by powerlines are generally only heard when standing directly underneath a powerline. It is not anticipated that the noise impact will extend beyond the 55m servitude. The details of the specialists to conduct the Fauna, Vegetation and Herpetological Assessments will be included in the Draft and Final EIA Reports CV's of these specialists as well as proof of their accreditation will be attached to the Draft and Final EIA Report.
SP-IPP-JvZ	09/11/2010	Mr Jan van Zyl requested to be registered as an I&AP.	Mr van Zyl was registered as an I&AP.
SP-IPP-BFC	17/11/2010	The Chairperson of the Brits Flying Club requested to be registered as an I&AP. Indicated that he is concerned about the impact of the proposed powerline's visibility for GA (General Aviation), Micro lighting, Gliders, and hang gliders/parachuters in the GF (General Flying Area).	The Brits Flying Club was registered as an I&AP. All concerns raised by the Brits Flying Club will be investigated and addresses during the EIA Phase.
SP-IPP-JDB	15/12/2010	Mr Jan de Bruin indicated that he is opposed to the construction of the	All comments made by Mr de Bruin have been noted and will be



Ref No: Commo		Response Given
	proposed new powerline on his property, Portion 108 of the Farm Schurweberg, due to the following reasons: They are in the process of planning a few new projects on this property. The project includes the following: The planting of Pecan Nut trees; The Subdivision of this property into 1ha plots; The restoration of an historical house on the property. Indicated that the powerline will have a negative impact on these proposed projects, and therefore they would like to oppose the development of a proposed powerline in their property.	considered during the EIA Phase. The various specialists, who will be involved in the EIA Phase, will also advise on the best substation site and route for the powerline. It should be noted that the decision on whether to grant the Environmental Authorisation for this project lies with the Department of Environmental Affairs (DEA). Should anyone feel that they are not happy with DEA's decision, the law allows for appeals. During negotiations, all affected landowners will be visited and the best position within their properties will be determined and agreed to. It should be noted that Eskom acquires servitudes according to the Constitution and the Expropriation Act which states that actual financial loss must be paid, this value is determined by a registered independent land valuer and is a once off payment. The value takes all of the issues raised into consideration.

Table 3: Issues and Response Register – Comments Received After Submission of the Final Scoping Report to DEA

Ref No:	Date Comment Received	Comment Raised	Response Given
SP-IPP-VLR	05/01/2011	Mr Le Roux, the owner of Portion 176 of the Farm De Kroon 444 JQ, indicated that the proposed centre line of the proposed Western Route-Western Alternative is directly crossing over an existing house located on	It was indicated to Mr Le Roux during the telephonic conversation that his comments will be captured in the Issues and Response Register which was attached to the Final Scoping



Ref No:	Date Comment Received	Comment Raised	Response Given
		this property. Mr Le Roux requested whether it would be possible to move the centre line to run in closer proximity to the R511. Mr Le Roux indicated that he is acquainted with someone working for Eskom whom mentioned that it would be more feasible and less costly to construct the line in closer proximity to the R511. Mr Le Roux raised these comments during a telephonic conversation and also requested proof that his comments have been captured.	Report which was submitted to DEA, and that a copy of the Issues and Response Register including his comments will be forwarded to him for review, and as proof that the comments was captured. The comments were also forwarded to Eskom and all comments will be considered during the EIA Phase. Mr Le Roux was also registered as an Interested and Affected Party. The Issues and Response Register was e-mailed to Mr Le Roux on the 5 th of January 2011.

