

June 18, 2024

PUBLIC CONSULTATION (MINUTES)

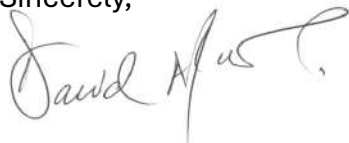
Environmental Scoping Assessment Proposed Solar Powered Minigrid for the Puros Community In the Puros Conservancy, part of Sesfontein Constituency, Kunene Region.

The minutes contained within covers stakeholder consultations from:

30 August 2023 – 1 December 2023.

If you have any questions or need additional information, please don't hesitate to contact us by email puros@rdjconsulting.co.za or phone +264 81 750 3002.

Sincerely,



**David A. Jarrett, MSc. (EAP)
Group Executive Officer**

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Meeting Minutes - MTC

Date: 30 August 2023

Time:

Venue: Teams

Matters discussed

Discussion about electricity provision and use with stakeholders:

- Use by public supply via the solar minigrid
- Expansion plans of MTC and energy demand

Concerns raised

- Currently adequate supply via own solar

Mitigation

- MTC to consider upgrades once solar minigrid is confirmed.
- MTC technical teams to investigate energy demand

Attendees

Interested and Affected Party (IAP)	Name
Mobile Telecommunications Limited (MTC)	Ms. Nancy Watyoka
Mobile Telecommunications Limited (MTC)	Mr. Tuhafeni, T
Mobile Telecommunications Limited (MTC)	Ms. Sesilia Auala
RDJ Consulting Services CC	Mr. David Jarrett (EAP)
RDJ Consulting Services CC	Ms. Chilombo Priscila
RDJ Consulting Services CC	Ms. Grace Kangotue

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Meeting Minutes – Puros Village

Date: 25th August 2023

Time:

Venue: Telephone

Matters discussed

Discussion about electricity provision and use with stakeholders:

- To give each household the opportunity to give their expectations, pricing and for them to agree on it.
- Electrification of the community of Puros with a solar powered minigrid
- Need for community to express its energy needs
- Clarification on infrastructure to-date that could be electrified (if different since site visit or future expansions)
- Land near the mountain was pointed out with most attendees agreed on it. The community refuse to point out a second option for the plant.



Figure 1 Puros Community meeting (25 August 2023)

Concerns raised

- No electricity in the village which includes streetlights, etc.
- School has no generator.
 - The solar they use is only for lighting.

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- The hostel is not electrified, and rechargeable lights are used.
 - Firewood is used for the hostel cooking.
- Shop has only one generator which is currently gone for repair.
 - Relies on Gas for cooling and lightning purposes.
 - Prices of goods are high (40-50% mark-up)
- There is only one transport for the conservancy (Single cab Landcruiser petrol with rails)
- No clinic and ambulances.
- Need for Clinic and Police Station

Mitigation

- The high food prices.
 - Drought Relief not coming to Puros, it takes two weeks to come from Sesfontein whenever delivery comes from Opuwo.
- Condition of the road from Sesfontein to Puros is in a very poor state. The representative of the Councillor indicated it in a report they compiled during the month of June 2023.
- MTC network, which is painfully slow during emergencies, sometimes not working.

Community stated that the difficulties are the same for many years and all previous times when interact with people who wants to do some development and never return.

Attendees

Interested and Affected Party (IAP)	Name
Representatives of the Councillor of Sesfontein	Ms. Julia Nangolo
Representatives of the Councillor of Sesfontein	Mr. Bernardus
Traditional Leader	Mr. Daniel Karutjaiva
Traditional Leader	Mr. Japi Uaraavi
Traditional Leader	Mr. Spyker Kasupi
Traditional Leader	Mr. Govan Tjipombo
Chairman: Puros Conservancy	Mr. Leon Kasupi
Puros Community	Community members
RDJ Consulting Services CC	Mr. David Jarrett (EAP)
RDJ Consulting Services CC	Ms. Renee Jarrett

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Figure 2 signing of conservancy attendance book



Figure 3 Puros Primary School - Solar System

**Proposed Solar Powered Minigrid for the Puros Community In the Puros
Conservancy, part of Sesfontein Constituency, Kunene Region.**

Meeting Minutes – Electricity Control Board

Date: 18 October 2023
Time:
Venue: Microsoft Teams

Matters discussed

Apologies were given for other ECB members that were not able to attend.
Electrification of the community of Puros with a solar powered minigrid
Need for licensing

Concerns raised

- Sustainability of system (revenue)

Mitigation

- ECB to support project with new Off-Grid electrification regulations

Attendees

Mr. Gideon Nasima	Electricity Control Board
Mr. Isak Nekwaya	NORED (Northern Electricity Distributor)
Ms. Olga Priscila	RDJ Consulting Services CC
Ms. Grace Kangotue	RDJ Consulting Services CC
Mr. David Jarrett	EAP

Meeting Minutes – Ministry of Mines and Energy

Date: 18 October 2023
Time: 11h30
Venue: Microsoft Teams

Matters discussed

Electrification of the community of Puros with a solar powered minigrid
Need for licensing
Alignment with government electrification policy

Concerns raised

- Lessons learnt on operation from Tsumkwe and Gam systems.
- Sustainability of system (revenue)

Mitigation

- Government will support the project
- Electrification policy approved by Cabinet

Attendees

Mr. Abraham Hangula	Ministry of Mines and Energy
Mr. Isak Nekwaya	NORED (Northern Electricity Distributor)
Ms. Olga Priscila	RDJ Consulting Services CC
Ms. Grace Kangotue	RDJ Consulting Services CC
Mr. David Jarrett	EAP

Meeting Minutes – Puros Conservancy Chair

Date: 22 November 2023

Time:

Venue: Telephone

Matters discussed

Electrification of the community of Puros with a solar powered minigrid

Need for community to express its energy needs

Clarification on infrastructure to-date that could be electrified (if different since site visit or future expansions)

Concerns raised

- Need for Clinic and Police Station
- Benefits of electrifying the conservancy assets

Mitigation

- Donor funding (from others) could assist
- Not the remit of an electrification project

Attendees

Mr. Leon Kasupi

Chairman: Puros Conservancy

Ms. Grace Kangotue

RDJ Consulting Services CC

Mr. David Jarrett

EAP

Meeting Minutes – Namibian Police

Date: 24 November 2023

Time:

Venue: Emails

Matters discussed

Possibility of a Police Station in Puros

Size and needs of such a facility for electricity

Concerns raised

- Matter elevated to NamPol headquarters
- Still awaiting feedback

Mitigation

- None at this time

Attendees

Ms. Grace Kangotue

RDJ Consulting Services CC

Mr. David Jarrett

EAP

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Meeting Minutes – MME/NORED/ECB

Date: 27 November 2023
Time: 08h00 – 12h00
Venue: Microsoft teams

Matters discussed

Puros Socio-economic study
Puros Technical feasibility study
Operations and maintenance of the proposed minigrid
Findings from the site visit of 23 August 2023
Confirmation of site by community
Acquisition of generations licencing

Concerns raised

- Unaffordability of electricity at Tier 3 (ESMAP) and above
- Need for electricity for colling, charging cellphones, lighting etc.
- Unreliable telecommunications network due to lack of electricity
- Lack of banking/financial services
- No proclaimed road between Sesfontein and Puros

Mitigation

- None at this time

Attendees

Name	Company
Nicole Botha	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
Rodney Seibeb	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
Cosmos Shaduka	Environmental Investment Fund (EIF)
Manfried Uvanga	Northern Regional Electricity Distributor (NORED)
Isak Nekwaya	Northern Regional Electricity Distributor (NORED)
Abraham Hangula	Ministry of Mines and Energy (MME)
Nico Snyders	Ministry of Mines and Energy (MME)
Daniel Wakududumo	Electricity Control Board (ECB)
Francois Robinson	Electricity Control Board (ECB)
Lameka Amuanyena	Electricity Control Board (ECB)
Mathias Moyo	Electricity Control Board (ECB)
David Jarrett	RDJ Consulting Services CC (RDJ)
Chilombo Priscila	RDJ Consulting Services CC (RDJ)
Grace Kangotue	RDJ Consulting Services CC (RDJ)

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Meeting Minutes - Nampost

Date: 28 November 2023

Time:

Venue: Emails

Matters discussed

Support of Nampost

Response to potential Nampost operation in Puros

Concerns raised

- Unreliable telecommunications network due to lack of electricity
- No proclaimed road between Sesfontein and Puros
- Third parties unwilling to run Postal Services on behalf of Nampost due to high cost of setup

Mitigation

- None at this time

Attendees

Mr. Bennie Jakobs

Executive – Retail Channels, Nampost

Mr. Joseph Teofelus

Corporate Communications Officer

Ms. Grace Kangotue

RDJ Consulting Services CC

Mr. David Jarrett

EAP

Meeting Minutes – Puros Bush Lodge

Date: 29 November 2023
Time: 16h00
Venue: Emails

Matters discussed

Electrification of the community of Puros with a solar powered minigrid
Potential to electrify the Puros Bush Lodge as a productive user

Concerns raised

- Cost of electricity
- Project taking too long to complete electrification

Mitigation

- Regulated electricity tariffs will be used.
- All funds to be secured before project starts

Attendees

Mr. James Marais	Operator, Puros Bush Lodge
Mr. David Jarrett	EAP

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Meeting Minutes – Ministry of Health

Date: 1 December 2023

Time:

Venue: telephone

Matters discussed

Need for a Health Centre in Puros

Electrification needs of a health centre

Concerns raised

- Need for electricity

Mitigation

- MOHSS to send email with formal response
- MOHSS to be notified once electrification project confirmed

Attendees

Dr. Djuma	Ministry of Health and Social Services (MOHSS)
Ms. Grace Kangotue	RDJ Consulting Services CC
Mr. David Jarrett	EAP

Residents Listing

(Provided by Community Leadership)

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No.	Full Name of receiver	Gender
1	Hambo Vaingona	M
2	Karutjaiva Belinda	F
3	Karutiaiva Kaitoorora	M
4	Karutjaiva Kuejajee	F
5	Karutjaiva Marie	F
6	Karutjaiva Raurovandu	F
7	Karutjaiva Sennie	M
8	Karutiaiva Uahanenuaije	M
9	Karutiaiva Uapirama	F
10	Karutjaiva Unomuinho	M
11	Karutiaiva Veriruaije	M
12	Karutjaiva Vetjiutu M.	M
13	Kasaona F. Alvine	F
14	Kasaona K. Uanee	M
15	Kasaona Kainanjune	M
16	Kasaona Kaunatingundi	F
17	Kasaona Kavisina	M
18	Kasaona Koretu	F
19	Kasaona Kuejovape	F
20	Kasaona Kuvaza Max	M
21	Kasaona Mbakengeza	M
22	Kasaona V. Uapea	M
23	Kasaona Vepaha	F
24	Kasaona Verijaruka	M
25	Kasupi Kakuzeri	F
26	Kasupi Iriveri	M
27	Kasupi Jaongarerua	F
28	Kasupi Kaihitirua	F
29	Kasupi Kakori	M
30	Kasupi Kakuna	F
31	Kasupi Kakuveruka	F
32	Kasupi Karisengi	F
33	Kasupi Kauaje	M
34	Kasupi Kaujapua	M
35	Kasupi Kautunua	F
36	Kasupi Kaverorerua	F
37	Kasupi Kaveunguriua	F
38	Kasupi Mesia	F
39	Kasupi Michael	M
40	Kasupi Muningandu	F
41	Kasupi Nguuvitjita	M
42	Kasupi Operi	M

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No.	Full Name of receiver	Gender
43	Kasupi R. Uaotama	M
44	Kasupi Shirlev U.	F
45	Kasupi Tjakendua	F
46	Kasupi Tjapa	M
47	Kasupi Tionganya	F
48	Kasupi Tupanderaije	M
49	Kasupi Uahandjauka	M
50	Kasupi Uakuminuapo	M
51	Kasupi Uapukauka Edison	M
52	Kasupi Ueritendeka	M
53	Kasupi Vahonisa	F
54	Kasupi Veimbura	F
55	Kavepeua Tjiningire	F
56	Koruhama Kapakua	F
57	Koruhama Makuiaene	F
58	Koruhama Rimunavi	F
59	Matundu Uaparama	F
60	Mbomboro S. Ririkongo	F
61	Mupurua Tueekumuna	F
62	Mupurua Uauta	M
63	Mupura Zahavara	F
64	Mupurua Zaniaua	F
65	Musaso Otiluomune	F
66	Ngumbi Viuondja	F
67	Paulus N. Miriam	F
68	Rutavi Twaeterwa	M
69	Rutavi Uakangauka	M
70	Rutavi Uazapi	F
71	Tjambiru Hitjivirue	M
72	Tjambiru Inaaminandi	F
73	Tjambiru Kairokerue	F
74	Tjambiru Kakuvatere	M
75	Tjambiru Kandjemuni	F
76	Tjambiru Karitutuma	F
77	Tjambiru Katuvangerua	M
78	Tiambir Kaunozongo	0
79	Tjambiru Kaurikopua	M
80	Tjambiru Kazejarukire	F
81	Tjambiru Maemuhungu	F
82	Tjambiru Mazehinguako	F
83	Tjambiru Rutuno Verani	M
84	Tjambiru Tjivenovandu	M

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No.	Full Name of receiver	Gender
85	Tjambiru Tupukee	F
86	Tjambiru Uatareruavi	F
87	Tjambiru Ueipandera	M
88	Tjavara Inaagupa	F
89	Tiavara Kaehunu	M
90	Tiavara Kakunependa	F
91	Tjavara Kauroorua	M
92	Tjavara Puiike	F
93	Tjavara Rodney	M
94	Tjavara Uasepasana	F
95	Tjavara Uasieuondonda	M
96	Tjavara Veongarisa	F
97	Tjihako Mariteruaje	F
98	Tjihengua Tjitjai	M
99	Tjikurundjimbi Mauja	E
100	Tjindunda Puviari	M
101	Tjiningire Kaandjara	F
102	Tjiningire Kaarukire	F
103	Tjiningire Kaata	F
104	Tjiningire Katurepo	M
105	Tjiningire Kopoyao	F
106	Tjiningire Mavekuateruaje	F
107	Tjiningire Tjihupuro	M
108	Tjiningire Tuavangajo	F
109	Tjipombo B. Verukua	M
110	Tjipombo Bertha	F
111	Tjipombo Elina Ngakuzevi	F
112	Tjipombo Evaltine	F
113	Tjipombo Hiskia M.	M
114	Tjipombo Inaapei	F
115	Tjipombo Jasuverua	M
116	Tjipombo Kaaha	F
117	Tjipombo Kambopi	F
118	Tjipombo Kaunaove	F
119	Tjipombo Kavetakama	F
120	Tjipombo Kopomake	F
121	Tjipombo Lischen	F
122	Tjipombo Marihapeui	M
123	Tjipombo Mukangaze Z.	F
124	Tjipombo Muniozongungo	M
125	Tjipombo Rebeka	F
126	Tjipombo Sarafina I.	F

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No.	Full Name of receiver	Gender
127	Tjipombo Stepha	M
128	Tjipombo Uaendanaro	M
129	Tjipombo Uaheneua	F
130	Tjipombo Uakotoka	F
131	Tjipombo Uauramuno	F
132	Tjipombo Uheruaije	F
133	Tjipombo Vemumunaije	M
134	Tjipombo Virikuje	M
135	Tjipombo Zakurama	M
136	Tjiraso Inaumba	F
137	Tjiraso Kaviu	F
138	Tjiraso Ngepeue	M
139	Tjiraso Razungarisiua	M
140	Tjiraso Wagga U.	M
141	Tjiraso Weripitisa	F
142	Tjiumbua Uatiamena Zeruam	M
143	Tjiumbua Upendura	M
144	Tjivinda Kairirisa	M
145	Tjivinda Katondoihe	M
146	Tjivinda Kautiatiwa	M
147	Tjivinda Uaningapara	F
148	Tjivinda Vengapi	F
149	Tjoveni Kazendjua	M
150	Tjoveni Vezepovandu	M
151	Tukurundjimbi Tuahapauha	M
152	Uaraavi Uaekuena	M
153	Uararavi Kavenuko	F
154	Uararavi Kuveri	F
155	Uararavi Rateras	M
156	Uararavi Steven J.	M
157	Uararavi Uarinae	F
158	Uararavi Uavatera	F
159	Uararavi Vemuke	M
160	Uatokuja Jonas R.	M
161	Uatokuja Raenenisiua	M
162	Uatokuja Theresia	F
163	Uatokuja Uzera	F
164	Uatokuja Venanda	F