

15 October 2020

Dear Stakeholder and Interested & Affected Party,

**APPLICATION FOR AMENDMENT TO THE ENVIRONMENTAL AUTHORISATION:
AGGENEYS 1 AND 2 PV FACILITIES NEAR AGGENEYS, NORTHERN CAPE PROVINCE**

(DEA Refs: 14/12/16/3/3/1/2019 and 14/12/16/3/3/1/2020)

NOTIFICATION OF AVAILABILITY OF THE MOTIVATION REPORTS FOR REVIEW AND COMMENT

ABO Wind Aggeneys 1 PV (Pty) Ltd and ABO Aggeneys Lichtenburg 2 PV (Pty) Ltd received Environmental Authorisations (EAs) in July 2019 (DEA Ref. Nos. 14/12/16/3/3/1/2019 and 14/12/16/3/3/1/2020 respectively) for the development of solar photovoltaic (PV) energy facilities (including associated infrastructure) near Aggeneys within the Khâi-Ma Local Municipality, Namakwa District Municipality, Northern Cape Province. The development of the Battery Energy Storage (BESS) for each of the solar PV energy facilities are based on the intention to bid the project as part of the Risk Mitigation Independent Power Producer (IPP) Procurement Programme and/or Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) of the Department of Mineral Resources and Energy (DMRE) and/or any future relevant procurement programme. Ultimately, the development of the solar PV energy facilities as well as the battery energy storage is intended to be part of the renewable energy projects portfolio for South Africa, as contemplated in the Integrated Resources Plan (IRP). For solar energy to be dispatchable it will require the additional battery energy storage applied for in this amendment.

The proposed amendments include the construction and operation of a Battery Energy Storage (BESS) for the authorised Aggeneys 1 and Aggeneys 2 PV facilities with a capacity of up to 500MW/500MWh into the project description of the Environmental Authorisations (EAs) of each of the solar energy facilities. The BESS will be developed within the development footprint, within the authorised laydown area of PV 1 and within one of the two laydown areas of PV 2, and with an extent of no more than 5ha.

Taking the above into consideration, ABO Wind Aggeneys 1 PV (Pty) Ltd and ABO Aggeneys Lichtenburg 2 PV (Pty) Ltd is requesting the Department of Environment, Forestry and Fisheries (DEFF) to amend the project description of the EAs (dated 25 July 2019) as follows:

Battery Energy Storage System	Consisting of the following components: » Electrochemical battery storage systems with a maximum height of 3.5m; and » Multi-core 22kV or 33kV underground cables, to follow internal access roads of the PV facility, to connect the battery storage area to the on-site facility substation.
-------------------------------	--

In terms of Condition 5 of the Environmental Authorisation dated 9 July 2014 and Regulation 31 of the EIA Regulations, 2014, as amended, it is possible for an applicant to apply, in writing, to the competent authority for a change or deviation from the project description to be approved.

In order to verify the potential for a change in the impacts on ecology and surface hydrology; avifauna; soils and agricultural potential; heritage; visual and social aspects as a result of the proposed amendment, specialist inputs into the amendment motivation reports have been included.

Savannah Environmental has prepared Motivation Reports in support of this Amendment Applications on behalf of the Applicants. The Motivation Reports are available for a 30-day review and comment period from **Friday, 16 October 2020** to **Monday, 16 November 2020** and can be downloaded from Savannah Environmental's website (<https://www.savannahsa.com/public-documents/energy-generation/aggeneys-1-and-2-pv-facilities/>). The due date for written comment is **Monday, 16 November 2020**.

All comments received will be included in the final Motivation Reports which will be submitted to the DEFF for review and decision-making.

Our team welcomes your participation and looks forward to your involvement throughout this process. We also welcome you to share this information with any other parties that you feel will have interest in the project and should be part of this process (such as occupiers of directly affected or surrounding properties, interest groups, community groups etc.).

Kind regards,



Nicolene Venter

Public Participation and Social Consultant

E-mail: publicprocess@savannahsa.com

Proof of email – AGGENEYS 1&2 PV FACILITIES: Notification of availability of the Motivation Reports for review and comment

AGGENEYS 1&2 PV FACILITIES: Notification of availability of the Motivation Reports for review and comment

Savannah Public Process

To: Nicoline Venter, Ronald Baloyi

cc: 'hrasti@diva.gov.za'; 'Abraham@msa.co.za'; 'hukob@yahoo.com'; 'jillan@khaima.gov.za'; 'hukob@daff.gov.za'; 'doette@dvr.gov.za'; 'Abraham@msa.co.za'; 'idelfortana@gmail.com'; 'info@wersa.co.za'; 'Bfisher@ncpp.gov.za'; 'chrif@namakwa-dm.gov.za'; 'isa@Tenergies.com'; 'isa@Tenergies.com'; 'advocacy@kafidf.org.za'; 'john.geering@eskom.co.za'; 'scheepersgoosen@gmail.com'; 'andile.gashaka@nersa.org.za'; 'nhigg@isaha.org.za'; 'constanth@evf.org.za'; 'heming@agrnk.co.za'; 'igapholam@diva.gov.za'; 'Nobokolo.Kika@dmr.gov.za'; 'koegelenberg@sentech.co.za'; 'Thalita.Koster@makem@eskom.co.za'; 'sunday.makoto@dmr.gov.za'; 'info@afesa.org.za'; 'MahunonyaneM@diva.gov.za'; 'Tsozwa.Makgalemele@dmr.gov.za'; 'jacolanna@daff.gov.za'; 'jocelinema@daff.gov.za'; 'mashaduma@daff.gov.za'; 'simphahem@ems.co.za'; 'Pheladi.Masipa@energy.gov.za'; 'm.mchikwinda@buildingenergy.za'; 'Mokheantle@diva.gov.za'; 'fortune@agrilncap.gov.za'; 'Meboneni.Mathheivwa@dmr.gov.za'; 'jwag@diva.gov.za'; 'Jagoo.Nkomo@dmr.gov.za'; 'Lucinda.vanuyk@ncpp.gov.za'; 'Lisa.Opperman_cen@work@telkomsa.net'; 'nomawethu.que@energy.gov.za';

SE2882 Aggeneys PV12 MR Notification Letter-FINAL.pdf
150 KB

Thu 2020/10/15 10:54

AGGENEYS 1&2 PV FACILITIES: Notification of availability of the Motivation Reports for review and comment

Savannah Public Process

To: Nicoline Venter, Ronald Baloyi

cc: 'm.mchikwinda@buildingenergy.za'; 'Mokheantle@diva.gov.za'; 'fortune@agrilncap.gov.za'; 'Meboneni.Mathheivwa@dmr.gov.za'; 'jwag@diva.gov.za'; 'Jagoo.Nkomo@dmr.gov.za'; 'Lucinda.vanuyk@ncpp.gov.za'; 'Lisa.Opperman_cen@work@telkomsa.net'; 'nomawethu.que@energy.gov.za'; 'Gideon.Raath@energy@brillife.org.za'; 'roelofse.j@vodamail.co.za'; 'rouamj@gmail.com'; 'runkelo@msa.co.za'; 'ms@saes.ac.za'; 'bsethoke@ska.ac.za'; 'shawls@telkom.co.za'; 'shibus@divs.gov.za'; 'stohli@caa.co.za'; 'hertzog@namakwa-dm.gov.za'; 'ratha.timothy@gmail.com'; 'stglady@ska.ac.za'; 'aggl@brill@gmail.com'; 'vgriese@eskom.co.za'; 'poortjeborder@gmail.com'; 'poortjeborder@gmail.com'; 'pventer@vedantaresources.co.za'; 'pventer@vedantaresources.co.za'; 'pventer@vedantaresources.co.za'; 'stohli@caa.co.za'; 'hertzog@namakwa-dm.gov.za'; 'ratha.timothy@gmail.com'; 'stglady@ska.ac.za'; 'V.Vogel@gmail.com'; 'director@saes.ac.za'; 'randberg@vedantaresources.co.za'; 'randberg@eskom.co.za';

SE2882 Aggeneys PV12 MR Notification Letter-FINAL.pdf
150 KB

Thu 2020/10/15 10:54

APPLICATION FOR AMENDMENT TO THE ENVIRONMENTAL AUTHORISATION:
AGGENEYS 1 AND 2 PV FACILITIES NEAR AGGENEYS, NORTHERN CAPE PROVINCE
[DEA Ref: 14/12/16/3/3/1/2019 and 14/12/16/3/3/1/2020]

Dear Stakeholder and Interested & Affected Party,

ABO Wind Aggeneys 1 PV (Pty) Ltd and ABO Aggeneys Lichtenburg 2 PV (Pty) Ltd received Environmental Authorisations (EAs) in July 2019 (DEA Ref. Nos. 14/12/16/3/3/1/2019 and 14/12/16/3/3/1/2020 respectively) for the development of solar photovoltaic (PV) energy facilities (including associated infrastructure) near Aggeneys within the Kwa-Ma Local Municipality, Namakwa District Municipality, Northern Cape Province. The development of the Battery Energy Storage (BES) for each of the solar PV energy facilities are based on the intention to bid the project as part of the Risk Mitigation Independent Power Producer (IPP) Procurement Programme and/or Renewable Energy Independent Power Producer Procurement Programme (REIPPP) of the Department of Mineral Resources and Energy (DMRE) and/or any future relevant procurement programme. Ultimately, the development of the solar PV energy facilities as well as the battery energy storage is intended to be part of the renewable energy projects portfolio for South Africa, as contemplated in the Integrated Resources Plan (IRP). For solar energy to be dispatchable it will require the additional battery energy storage applied for in this amendment.

The attached letter provides information regarding the application and informing you of the availability of the Motivation Report for your review and comment which is available from **Friday, 16 October 2020** until **Monday, 16 November 2020**.

Kind Regards,

savannah ENVIRONMENTAL
 Ronald Baloyi
 Public Participation Co-ordinator and
 Administrator
 +27 831 68 2837
 +27 83 68 0547

IRREA Award for Leading Environmental Consultant on Wind Projects in 2018 & 2019

Savannah Environmental
Website Uploads

Aggeneys 1 and 2 PV Facilities, Northern Cape

Aggeneys 1 and 2 PV Facilities, Northern Cape

(DEA REFs: 14/12/16/3/3/1/2019 and 14/12/16/3/3/1/2020 respectively)

Project Names: Aggeneys 1 PV Facility Part 2 Amendment, Northern Cape Province

Aggeneys 2 PV Facility Part 2 Amendment, Northern Cape Province

Applicants: ABO Wind Aggeneys 1 PV (Pty) Ltd

ABO Wind Aggeneys 2 PV (Pty) Ltd

Proposed Amendments: The inclusion of the construction and operation of a Battery Energy Storage (BESS) for both the authorised Aggeneys 1 and 2 PV facilities, with a capacity of up to 500MW/500MWh into the project description of the Environmental Authorisation (EA). Each BESS will be developed within the authorised development footprint of Aggeneys 1 and 2 PV facilities, within the authorised laydown area for Aggeneys 1 and within one of the two authorised laydown areas for Aggeneys 2. Each BESS will have an extent of no more than 5ha. Each BESS will connect to the authorised on-site facility substations of the Aggeneys 1 and 2 PV facilities via underground cables.

ABO Wind Aggeneys 1 PV (Pty) Ltd is requesting the Department of Environment, Forestry and Fisheries (DEFF) to amend the project description of the EAs (dated 25 July 2019) as follows:

Battery Energy Storage System

Consisting of the following components:

- » Electrochemical battery storage systems with a maximum height of 3.5m; and
- » Multi-core 22kV or 33kV underground cables, to follow internal access roads of the PV facility, to connect the battery storage area to the on-site facility substation.

Project Location: ~11km south-east of Aggeneys, within ward 4 of the Khai-Ma Local Municipality and within the greater Namakwa District Municipality in the Northern Cape Province on the Remaining Extent of Bloemhoek 61.

In terms of Condition 5 of the Environmental Authorisations dated 25 July 2019 and Regulation 31 of the EIA Regulations of December 2014, as amended, it is possible for an Applicant to apply, in writing, to the competent authority for a change or deviation from the project description to be approved.

Motivation Report available for review and comment: Savannah Environmental has compiled two Motivation Reports in support of the applications for the proposed amendments for both Aggeneys 1 and 2. The Motivation Reports are available for download, review and comment on the Savannah Environmental website. Visit our website at: <https://www.savannahsa.com/public-documents/energy-generation/>. The 30-day review and comment period for the Motivation Reports is from **16th October 2020 to 16th November 2020**. The final date to submit comments is **Monday, 16th November 2020**.

To obtain further information and register on the project database, please submit your name, contact information and interest in the project to:

Nicolene Venter

PO Box 148, Sunninghill, 2157

Phone: 011 656 3237

Mobile: 060 978 8396

Fax: 086 680 0547

E-mail: publicprocess@savannahsa.com

Website: <https://www.savannahsa.com/>

Downloads

Aggeneys PVI Facilities

[Motivation Report](#)

[Appendix A - Ecological Specialist Letter](#)

[Appendix B - Avifaunal Specialist Letter](#)

[Appendix C - Soils and Agricultural Potential Specialist Letter](#)

[Appendix D - Freshwater Specialist Letter](#)

[Appendix D1 - Freshwater Specialist Letter Peer Review](#)

[Appendix E - Heritage Specialist Letter](#)

[Appendix F - Social Specialist Letter](#)

[Appendix F1 - Social Specialist Letter Peer Review](#)

[Appendix G - Visual Specialist Letter](#)

[Appendix H1 - I&AP Database](#)

[Appendix H2 - Consultation with I&APs](#)

[Appendix H3 - Consultation with Organs of State](#)

Appendix H4 - Advertisements and Site Notices

Appendix H5 - Comments Received

Appendix H6 - Comments and Responses Report

Appendix H7 - Public Participation Plan

Appendix I - Maps

Appendix J - Environmental Team CVs

Appendix K - EAP Affirmation

Appendix L - Environmental Management Programme



SAHRIS

Website Uploads

Aggeneys 1 PV Amendment to Environmental Authorisation

[Add new comment](#) [Subscribe to: This post](#) 25 reads

CaseHeader | [LocationInfo](#) | [Admin](#)

Status: Closed (Approved)

HeritageAuthority(s): SAHRA
NBKB

Case Type: Section 38 (8) - Statutory Comment Required

Development Type: Solar

ProposalDescription:

ABO Wind Aggeneys 1 PV (Pty) Ltd is proposing amendment to the environmental authorisation for the inclusion of the construction and operation of a Battery Energy Storage (BESS) for the authorised Aggeneys 1 PV facility, with a capacity of up to 500MW/500MWh into the project description of the Environmental Authorisation (EA). Each BESS will be developed within the authorised development footprint of Aggeneys 1 PV facility, within the authorised laydown area for Aggeneys 1 and within one of the two authorised laydown areas for Aggeneys 2. Each BESS will have an extent of no more than 5ha. Each BESS will connect to the authorised on-site facility substations of the Aggeneys 1 and 2 PV facilities via underground cables.

ApplicationDate: Friday, October 16, 2020 - 20:21

CaseID: 15639

Applicants: ABO Wind Aggeneys 1 PV (Pty) Ltd

Consultants/Experts: Lisa Opperman





















OtherReferences:

Dept	CaseReference	DueDate	FinalDecision
DEA			

Heritage Reports: Aggeneys 1 PV Amendment to Environmental Authorisation: Heritage Comments

ReferenceList:

AdditionalDocuments

1.  Motivation Report
2.  App A-Ecology Specialist Letter
3.  App B-Avifauna Specialist Letter
4.  App C-Soil & Agriculture Specialist Letter
5.  App D-Freshwater Specialist Letter
6.  App D-Freshwater Specialist Letter Peer Review
7.  App F1-Social Specialist Letter
8.  App F-Social Specialist Letter Peer Review
9.  App G-Visual Specialist Letter
10.  App H-I&AP Database
11.  App H2-Consultation with I&APs
12.  App H3-Consultation with Organs of State
13.  App H4-Advertisements and Site Notices
14.  App H5-Comments Received
15.  App H6-Comments and Responses Report
16.  App H7-Public Participation Plan
17.  App 1-Maps
18.  App J-Environmental Team CV
19.  App K-EAP Affirmation
20.  App L-Environmental Management Programme

**Reminder Notification sent to everyone on the Project Database
(Refer to Appendix H1 - I&AP Database)**

Proof of email – Reminder Notification of availability of the Motivation Reports for review and comment period ending soon

