

**Gold Standard for the Global Goals**  
**Stakeholder Consultation Report**



**Version 1 – July 2017**

**SECTION A. PROJECT DESCRIPTION**

**A. 1. Title of the project**

Title: 42 MWp Bundled Solar Photovoltaic Power project in Indonesia

Date: 03/11/2019

Version no.: 01

**A. 2. Project description and current status**

The purpose of the project activity is to generate electrical power through operation of solar power plants. The project consist four number of Solar power projects (7 MWp, 7 MWp, 7 MWp & 21 MWp) in Indonesia with the total installed capacity of 42 MWp. The details of the four projects are given below:

No	Developer	Capacity	Location	Commissioning date
1	PT Infrastruktur Terbarukan Adhiguna (ITA)	7 MWp/ 5 MWac	Cemporonan sub-village, Pringgabaya Utara village, Pringgabaya district,  Lombok Timur regency, Nusa Tenggara Barat province, Indonesia	24-Jan-19
2	PT Infrastruktur Terbarukan Buana (ITB)	7 MWp/ 5 MWac	Geres Baret sub-village, Geres village, Labuhan Haji district, Lombok Timur regency, Nusa Tenggara Barat province, Indonesia	24-Jan-19
3	PT Infrastruktur Terbarukan Cemerlang (ITC)	7 MWp/ 5 MWac	Sengkol 1 sub-village, Sengkol village, Pujut district, Lombok Tengah regency, Nusa Tenggara Barat province, Indonesia	24-Jan-19
4	PT Infrastruktur Terbarukan Lestari (ITL)	21 MW/ 15 MWac	Wineru Village, Likupang Timur District, Minahasa Utara Regency, Sulawesi Utara Province, Indonesia	Yet to be commissioned

The start date of the project activity is 10.08.2018. ITA, ITB & ITC projects are commissioned on 24<sup>th</sup> January 2019 and ITL project is under construction

SECTION B.	DESIGN OF STAKEHOLDER CONSULTATION PROCESS
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## B. 1. Design of physical meeting(s)

### i. Agenda

- *Opening of the meeting*
- *Forum Group Discussion*
- *Explanation of the key project information*
- *Questions for clarification about the project*
- *Explanation about project contribution to sustainable development*
- *Blind SD exercise*
- *Discussion on monitoring SD parameters*
- *Discussion of continuous input /grievance mechanism*
- *Closure of the meeting*

### ii. Key project information

### NON-TECHNICAL SUMMARY OF THE PROJECT

Electricity is an essential for all facets of our life. It is a critical infrastructure on which the socio economic development of the country depends. Conventional sources of power generation, like coal based power plants, have a large scale negative impact on both local and global environments. Solar is a natural resource which can be converted into a useful source for generation of electricity.

PT Infrastruktur Terbarukan Adhiguna, PT Infrastruktur Terbarukan Buana, PT Infrastruktur Terbarukan Cemerlang and PT Infrastruktur Terbarukan Lestari have installed solar power projects (42 MWp/30 MWac) around the villages in Lombok Timur Regency & Lombok Tengah regency in Nusa Tenggara Barat Province and Minahasa Utara Regency in Sulawesi Utara Province. The details of the power plants are given below

No	Developer	Capacity	Village & district	Regency & province
1	PT Infrastruktur Terbarukan Adhiguna (ITA)	7 MWp/ 5 MWac	Cemporonan sub-village, Pringgabaya Utara village, Pringgabaya district	Lombok Timur regency, Nusa Tenggara Barat province
2	PT Infrastruktur Terbarukan Buana (ITB)	7 MWp/ 5 MWac	Geres Baret sub-village, Geres village, Labuhan Haji district	
3	PT Infrastruktur Terbarukan Cemerlang (ITC)	7 MWp/ 5 MWac	Sengkol 1 sub-village, Sengkol village, Pujut district,	Lombok Tengah regency, Nusa Tenggara Barat province
4	PT Infrastruktur Terbarukan Lestari (ITL)	21 MW/ 15 MWac	Wineru Village, Likupang Timur District	Minahasa Utara Regency, Sulawesi Utara Province, Indonesia

The purpose of the project activity is to generate electrical power using Solar energy through operation of Solar Power plants. The total installed capacity of the project activities are 42 MWp/30 MWac. The export of power to the regional grid will support stabilization of local grid.

### TECHNOLOGY ADOPTED

The Project activity utilises the solar power for power generation by installation of solar PV modules. In Solar power generation, the solar radiation is converted into electrical energy by using solar photovoltaic technology.

## **BRIEF OVERVIEW OF SOCIO-ECONOMIC AND ENVIRONMENTAL IMPACT OF THE PROJECT**

**Air quality:** This clean energy project will not produce any pollutants such as SO<sub>2</sub> and NO<sub>x</sub> to the atmosphere. As the project supplies electricity to a grid system that is highly reliant on fossil fuels, it will help to reduce SO<sub>2</sub> and NO<sub>x</sub> emissions that would occur without the project activity, and thus can have a positive impact on air quality.

**Water quality and quantity:** Solar power plant operation does not pollute water as it discharges no effluents.

**Soil condition:** The project is designed to limit its impact on soil condition and to ensure soil conservation. There will be no discharge of soil pollutants during construction and operation of the project. The soil excavated to install the turbines will be re-used to support the foundation. The vegetation at the turbine sites is grassy and the grass spreads naturally. Hence, the project will not result in soil degradation or erosion.

**Biodiversity:** The project will not have any effect on the biodiversity of the region as the location of the project does not impinge on any biodiversity hotspots, nature reserves, national parks, or habitat for rare plants and/or animals.

There are no identified bird migration routes in the project area. However close monitoring will be done for bird strikes and necessary steps will be taken if found. No plants, species or habitats will be affected or threatened by the project.

**Livelihood of the poor:** During the construction and operation period, the project will provide some work opportunities to local unskilled laborers. However, the number of positions will be limited and the jobs will be short term. However, only few long term jobs will be available which may involve security personnel, assistants etc. Setting up of the solar power plants will have indirect benefits like improved tourism in the local area there by improving the income levels of the people. Due to tourism petty shops will be set up thereby improving income standards of the local people.

The project proponent has committed to contribute part of revenue from the sale of Carbon credits to local area development, education, sanitation; to improve the livelihood of the local population.

**Human and institutional capacity:** Setting up of the solar power plants will contribute to the development of local area in terms of creation of awareness on utilization of natural resources for power generation. Local people can be enthused to get trained in solar power plant operations so that employment opportunities are opened up. This is important because Indonesia has a large solar power production potential of which only a minute fraction has been utilized.

**iii. Invitation tracking table**

Category code	Organisation (if relevant)	Name of invitee	Way of invitation	Date of invitation	Confirmation received? Y/N
A	Local Villagers	All the Stakeholders are invited and the participants list is enlisted	Notices displayed at public places	12/09/2019	Local Stakeholders attended the meeting.
B	Head of villages	-	Physical Invitation	13/09/2019	Y
B	Village Secretary	-	Physical Invitation	13/09/2019	Y
B	Chief local police	-	Physical Invitation	14/09/2019	Y
B	Head of sub-district	-	Physical Invitation	14/09/2019	Y
E	Gold Standard	Ms. Ayushi Jain	Email	12/09/2019	N
F	Carbon Watch	Mr. Deepak	Email	12/09/2019	N
F	Development Alternatives	Tara	Email	12/09/2019	N
F	EnerGHG India	Mr. Parchuri Narendra	Email	12/09/2019	N
F	NERDs Society	Mr. Kamaraj	Email	12/09/2019	N
F	Winrock international India	Mr. Debajit	Email	12/09/2019	N
F	Indonesian Forum for Environment	-	Email	12/09/2019	N

	(WALHI)				
F	Institute for Essential Services Reform (IESR)	Mr. Fabby Tumiwa	Email	12/09/2019	N
F	Pelangi Indonesia	-	Email	12/09/2019	N

The stakeholder consultation meeting was conducted along with the Forum Group Discussion (FGD) with the affected stakeholders in relation to our Community development plan (CDP). The stakeholders invited for the meeting were relevant and are directly /indirectly affected by the project. The invitees include individuals from the surrounding villages irrespective of caste creed or community, local administration Local Policy Makers, Representative of Local Authority and Official Representatives and local/International NGOs as directed by Gold Standard.

**iv. Text of individual invitations**

## PT INFRASTRUKTUR TERBARUKAN LESTARI

No. : 121/ITL/IX/2019

Wineru, 16 September 2019

Kepada Yth.  
Bapak Kepala Desa Wineru  
Di Wineru

**Perihal: Permohonan untuk diskusi bersama dalam rangka penggalian potensi kelompok perempuan di desa Wineru**

Dengan hormat,

PT Infrastruktur Terbarukan Lestari berencana mengundang Bapak Kepala Desa, Ketua PKK dan Kelompok Perempuan untuk berdiskusi bersama dalam rangka penggalian potensi kelompok perempuan dan sumber daya di desa.

Sehubungan dengan kegiatan tersebut kami memohon Bapak Kepala Desa dan partisipan yang telah disebutkan diatas untuk dapat hadir pada:

Hari, Tanggal : Jumat, 20 September 2019

Pukul : 09.00 Wita s/d Selesai

Tempat : Gardu Induk Likupang, Tim, Wineru, Likupang Tim, Kabupaten Minahasa Utara

Demikian permohonan ini disampaikan, atas perhatian dan kerja samanya, kami ucapkan terima kasih.

Hormat Kami,  
PT Infrastruktur Terbarukan Lestari

**Martinus James**  
Kepala Cabang

Tembusan:  
1. Arsip



Pacific Century Place, 36<sup>th</sup> Floor  
SCBD Lot 10, Jl. Jend. Sudirman Kav. 52 – 53  
South Jakarta 12190  
Indonesia



## Email Invitation

### Stakeholder Consultation Invitation: Solar Power Projects, Indonesia

Vamsi Krishna <vamsi@kosherclimate.com>

Thu, Sep 12, 2019 at 7:59 PM

To: "deepak.mawandia" <deepak.mawandia@carbonwatch.com>, tara <tara@deval.org>, narendra <narendra@energhg.in>, info <info@nerdsocietycoimbatore.org>, jothiraj12 <jothiraj12@rediffmail.com>, debajit <debajit@winrockindia.org>, info@walhi.or.id, fabby@nusa.or.id, pelangi@pelangi.or.id  
Cc: narendra kosherclimate <narendra@kosherclimate.com>

Dear Sir/Madam,

PT Infrastruktur Terbarukan Adhiguna, PT Infrastruktur Terbarukan Buana, PT Infrastruktur Terbarukan Cemerlang and PT Infrastruktur Terbarukan Lestari are installing solar power projects around villages of Lombok Timur Regency & Lombok Tengah regency in Nusa Tenggara Barat Province and Minahasa Utara Regency in Sulawesi Utara Province. The purpose of the project activity is to generate electrical power using solar energy through operation of 4 numbers of solar power plants with the total capacity of 42 MWp/30 MWac. The details of the power plants are as below:

No	Developer	Capacity	Village & district	Regency & province
1	PT Infrastruktur Terbarukan Adhiguna (ITA)	7 MWp/ 5 MWac	Cemporonan sub-village, Pringgabaya Utara village, Pringgabaya district	Lombok Timur regency, Nusa Tenggara Barat province
2	PT Infrastruktur Terbarukan Buana (ITB)	7 MWp/ 5 MWac	Geres Baret sub-village, Geres village, Labuhan Haji district	
3	PT Infrastruktur Terbarukan Cemerlang (ITC)	7 MWp/ 5 MWac	Sengkol 1 sub-village, Sengkol village, Pujut district,	Lombok Tengah regency, Nusa Tenggara Barat province
4	PT Infrastruktur Terbarukan Lestari (ITL)	21 MW/ 15 MWac	Wineru Village, Likupang Timur District	Minahasa Utara Regency, Sulawesi Utara Province, Indonesia

The Project activity utilises the solar energy for the power generation. Solar Energy projects are environmentally friendly as there are no emissions of greenhouse gases. The project reduces greenhouse gas (GHG) emission by displacing equivalent electricity generation in the Southern Grid of India, which predominantly uses fossil fuels for power generation. The proponents undertook the project for registration under Gold Standard.

In this regard M/s PT Infrastruktur Terbarukan Lestari (ITL) is conducting a stakeholders' feedback meeting at "Gardu Induk Likupang, Tim, Wineru, Likupang Tim, Kabupaten Minahasa Utara, Sulawesi Utara, Indonesia, on 20.09.2019 at 11:30 AM.

We extend you an invitation to attend the stakeholder meeting and offer your views on the project's social and environmental impacts. The non-technical summary is available in Company office and open for comments.

Kindly contact us for any further information on the subject at the address given below. You may find the Non-Technical Summary attached.

## v. Text of public invitations

Notice displayed in public places.

### PUBLIC NOTICE

PT Infrastruktur Terbarukan Adhiguna, PT Infrastruktur Terbarukan Buana, PT Infrastruktur Terbarukan Cemerlang and PT Infrastruktur Terbarukan Lestari have installed solar power projects (42 MWp/30 MWac) around the villages in Lombok Timur Regency & Lombok Tengah regency in Nusa Tenggara Barat Province and Minahasa Utara Regency in Sulawesi Utara Province. The details of the power plants are given below

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2	PT Infrastruktur Terbarukan Buana (ITB)	7 MWp/ 5 MWac	Geres Baret sub-village, Geres village, Labuhan Haji district	
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4	PT Infrastruktur Terbarukan Lestari (ITL)	21 MW/ 15 MWac	Wineru Village, Likupang Timur District	Minahasa Utara Regency, Sulawesi Utara Province, Indonesia

In this regard the project developers are conducting a local stakeholders meeting (public meeting) at "Gardu Induk Likupang, Tim, Wineru, Likupang Tim, Kabupaten Minahasa Utara, Sulawesi Utara, Indonesia", on 20.09.2019 at 11:30 AM to take their views/suggestions on the project's social and environmental impacts.

The stakeholder meeting will be conducted along with the Forum Group Discussion which is scheduled on 20.09.2019 at 09:00 AM

All the concerned are invited to attend the meeting. For any clarifications on the project activity, please contact us:

Our Contact Details:

Name: Vamsi Krishna M,

Phone: +91 9945343475

Email: [vamsi@kosherclimate.com](mailto:vamsi@kosherclimate.com)

### **PUBLIC NOTICE**

PT Energi Bayu Jeneponto has installed wind power project (20 Nos. of 3.6 MW WTGs each) around the villages in Binamu District (Empoang and North Empoang Villages); Turatea District (East Kayuloe, West Kayuloe, Pa'rasangan Beru, and Bontomatene Villages); Batang District (Maccini Baji Village); and Arungkeke District (Kalumpang Loe Village) of Jeneponto Kabupaten

In this regard the project developers are conducting a local stakeholders meeting (public meeting) at "Jalan Masjid H Syamsudin, Kalumpang Lompaa, Desa Kalumpang Loe, Kecamatan Arungkeke, Kabupaten Jeneponto, Sulawesi Selatan – Indonesia", on 19.09.2019 at 11:30 AM to take their views/suggestions on the project's social and environmental impacts.

This stakeholder meeting will be conducted along with the Forum Group Discussion (FGD) which is scheduled on 19.09.2019 at 09:00 AM.

All the concerned are invited to attend the meeting. For any clarifications on the project activity, please contact us

Our Contact Details:

Name: Vamsi Krishna M

Phone: +91 9945343475

Email: vamsi@kosherclimate.com

### **PEMBERITAHUAN PUBLIK**

PT Infrastruktur Terbarukan Adhiguna, PT Infrastruktur Terbarukan Buana, PT Infrastruktur Terbarukan Cemerlang, dan PT Infrastruktur Terbarukan Lestari telah memasang proyek pembangkit listrik tenaga surya (42 MWp / 30 MWac) di sekitar desa di Kabupaten Lombok Timur & Kabupaten Lombok Tengah di Provinsi Nusa Tenggara Barat dan Minahasa Utara Kabupaten di Provinsi Sulawesi Utara. Rincian pembangkit listrik diberikan di bawah ini:

No	Pemilik	Kapasitas	Lokasi	Kabupaten & provinsi
1	PT Infrastruktur Terbarukan Adhiguna (ITA)	7 MWp/ 5 MWac	Cemporonan sub-village, Pringgabaya Utara village, Pringgabaya district	Lombok Timur Kabupaten, Nusa Tenggara Barat provinsi
2	PT Infrastruktur Terbarukan Buana (ITB)	7 MWp/ 5 MWac	Geres Baret sub-village, Geres village, Labuhan Haji district	
3	PT Infrastruktur Terbarukan Cemerlang (ITC)	7 MWp/ 5 MWac	Sengkol 1 sub-village, Sengkol village, Pujut district,	Lombok Tengah Kabupaten, Nusa Tenggara Barat provinsi
4	PT Infrastruktur Terbarukan Lestari (ITL)	21 MW/ 15 MWac	Wineru Village, Likupang Timur District	Minahasa Utara Kabupaten, Sulawesi Utara Province, provinsi

Dalam hal ini pengembang proyek sedang melakukan pertemuan pemangku kepentingan lokal (pertemuan publik) di "Gardu Induk Likupang, Tim, Wineru, Tim Likupang, Kabupaten Minahasa Utara, Sulawesi Utara, Indonesia", pada 20.09.2019 pukul 11:30 untuk mengambil pandangan / saran mereka tentang dampak sosial dan lingkungan proyek.

Pertemuan pemangku kepentingan akan dilakukan bersama dengan Forum Group Discussion yang dijadwalkan pada 20.09.2019 pukul 09.00 pagi

Semua yang terkait diundang untuk menghadiri pertemuan. Untuk klarifikasi tentang kegiatan proyek, silakan hubungi kami.

Detail Kontak:

Nama: Vamsi Krishna M,

Telepon: +91 9945343475

Email: vamsi@kosherclimate.com

## B. 2. Description of other consultation methods used

Invitations were hand delivered to land owners and also orally invited to attend the meeting. Also invitation notices and the 'key project information' are displayed at the public places. For the people, those who were not able to attend the meeting, they were asked to provide in their feedback or comments on the project through telephone or the feedbacks form available at the Site office. No comments received till date.

## SECTION C. CONSULTATION PROCESS

### C. 1. Participants' in physical meeting(s)

#### i. List of participants

Participants list					
Date and time: 20/09/2019, 09.00 AM					
Location: Gardu Induk Likupang, Tim, Wineru, Likupang Tim, Kabupaten Minahasa Utara, Sulawesi Utara, Indonesia					
Category Code	Name of participant, job/ position in the community	Male/ Female	Signature	Organisation (if relevant)/Village	Contact details
B	Terra Sompie	Female	-	Wineru JG I	-
B	Yonike Roleh	Female	-	Wineru JG II	-
B	Jeklin Maliota	Female	-	Wineru JG III	-
B	Deke Kamuh	Female	-	Wineru JG I	-
B	Susan Mogouta	Female	-	Wineru JG III	-
B	Yuliana Dmail	Femaile	-	Wineru JG I	-
B	Sentya Thauienoine	Female	-	Wineru JG III	-
B	Steul	Female	-	Wineru JG III	-
B	Fernando Marjadu	Male	-	Wineru JG I	-
B	Ramli	Male	-	Wineru JG IV	-
B	Jaicub	Male	-	Wineru JG IV	-
B	Melisa Kamuh	Female	-	Wineru JG I	-
B	Olga Rottie	Female	-	Wineru JG I	-
B	Litchy Sangkilang	Female	-	Wineru JG I	-
B	Aknes Kamuh	Female	-	Wineru JG II	-
B	Mardiana Sauweng	Female	-	Wineru JG IV	-
B	Febnyani Pansing	Female	-	Wineru JG I	-

## ii. Evaluation forms

<b>Name</b>	<b>FERNANDO MARJADU</b>
What is your impression of the meeting?	This meeting is very useful to understand the advantages and disadvantages the project
What do you like about the project?	The location is better known outside after the project built compare to the other districts
What do you not like about the project?	None
Signature	-

<b>Name</b>	<b>Susan Mogouta</b>
What is your impression of the meeting?	The current meeting, I think is good because it involve all layer of community and government to develop the project in a better way
What do you like about the project?	The project creates more new job opportunities. The project is pride of our location
What do you not like about the project?	None
Signature	-

<b>Name</b>	<b>Melisa Kamuh</b>
What is your impression of the meeting?	Meetings are useful and well organized
What do you like about the project?	The project is very good for environment. Wind power is clean power. Electricity is produced without any emission.
What do you not like about the project?	None
Signature	-

<b>Name</b>	<b>Lirchy Sangklang</b>
What is your impression of the meeting?	Useful and become place to express the opinion of the project.
What do you like about the project?	The project is a clean energy generation project Provides jobs to local people
What do you not like about the project?	Project consumes more area.



Signature

-

C. 2. Pictures from physical meeting(s)





## C. 3. Outcome of consultation process

### i. Minutes of physical meeting(s)

*The Gold Standard Stakeholder's consultation meeting was held along with the FGD (focus group discussion) with the affected communities in relation to the Community development plan (CDP) on 20<sup>th</sup> September 2019 at the Gardu Induk Likupang, Tim, Wineru, Likupang Tim, Kabupaten Minahasa Utara, Sulawesi Utara, Indonesia. Meeting was opened with a formal welcome speech followed by the introduction of the attendees. In the welcome address, PP's representative explained the objective of the meeting and requested them to actively participate in the meeting.*

*Then Focus Group Discussion (FGD) was held, in which stakeholders suggestion on various requirements of communities under Community development plan (CDP) are discussed.*

*After the completion of FGD, PP's representative explained about the key project information including the technical details of the four Solar energy plants, relevant dates of the project and the environmental and social impacts of the project. PP's representative also explained about the importance of clean energy for healthy lifestyle and its significance in combating climate change and limiting its devastating effects. Stakeholders were informed that the project is applied for*



*Gold Standard registration and importance of the meeting for obtaining the GS registration and were requested to share their opinion about the project.*

*In the next session, stakeholders were requested to ask the questions/clarifications requests they have in this project. Several participants came forward to talk about their experiences and passed on their opinions, suggestions, comments and clarification requests, which were addressed satisfactorily. All the comments are in support of the project activity. Most of the stakeholder praised the project and the summary is given below:*

- *The project generates clean electricity*
- *New job opportunities created for local people*
- *Local people income increased.*
- *The project becomes pride of the region as it is one of the first of its kind in the country*
- *New community development activities by the developer under CSR*

*The stakeholders also requested some clarifications which are as below:*

- *Will the electricity generated from the project be supplied to local households?*
- *What is the life time of the project? What will happen to modules after the lifetime?*
- *Does the PV module generate power during the cloudy time?*
- *What are all the village development activities will be undertaken?*

*All the above doubts/clarification requests about the project are clarified by the PP's representative. He also explained about how the solar energy technology is environmentally safe and sound. He also promised that their suggestions would be considered for further evaluation and inclusion in their CSR plans.*

*This was followed by the blind sustainable development exercise. The stakeholders were made aware of the safeguarding principles and all actions pertaining to safeguarding were made clear to help guide them with their assessment as yes, no or potentially relevant. Further, information was provided about the 4 SDG's and their relevant targets that were addressed by the project.*

*Additionally, a discussion session on the sustainability monitoring plan of the project activity was carried out and based on the stakeholder suggestions appropriate indicators to monitor each of the SDG goals addressed by the project were finalized. Approaches to continuous inputs and grievance mechanisms were discussed. It was agreed that grievance forms would be made available at all the site offices and the stakeholders can meet the project coordinator's in person or in case of their absence they could be contacted via telephone or email addresses that would be made available.*

*Feedback forms were distributed and the stakeholders were encouraged to state their feedback about the project and the meeting. Once the feedbacks were collected, PP's representative thanked the participants for their presence and their valuable inputs.*

## **ii. Minutes of other consultations**

Only one stakeholder meeting was conducted for the project as the meeting was conducted at common point where all the stakeholders have ease of access. Stakeholders who cannot



attend the meeting are requested to give their feedback/opinion through telephone or through the feedback forms available at the site office. But no comments received yet.

### iii. Assessment of all comments

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
<i>Will the electricity generated from the project be supplied to local households?</i>	Yes and clarification given	<p>Provided the below clarification:</p> <p>No. The power is generated at high voltage and hence not suitable for households which use low voltage equipments. The power generated will be supplied to grid. However, this will improve the local grid stability which will increase the power availability to the households.</p>
<i>What is the life time of the project? What will happen to modules after the lifetime?</i>	Yes and clarification given	<p>Provided the below clarification:</p> <p>The life time of the solar power plant is about 25 years. After the lifetime, the solar modules will be disposed as per the regulatory requirements.</p>
<i>Does the PV module generate power during the cloudy time?</i>	Yes and clarification given	<p>Provided the below clarification:</p> <p>The power generation from the PV module is based on the solar radiation availability. Hence, during the cloudy days, the power generation will be significantly low based on the solar radiation available at the time.</p>
<i>What are all the village development activities will be undertaken?</i>	Yes and clarification given	<p>Provided the below clarification:</p> <p>Based on the CSR budget, the priority development activities will be undertaken such as free medical camp, installation of street lights, installation of water filters etc. Local people can propose the village requirement to management and the management will decide based on the priority and CSR fund availability.</p>

## iv. Revisit sustainability assessment

Are you going to revisit the SDG and safeguards assessment?	<b>Yes</b>	<b>No</b>
Please note that this is necessary when there are differences between your own assessment and feedback collected during stakeholder consultation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The comments offered by the participants do not alter any outcome of the own SD assessment and the project proponent does not feel the necessity of revisiting the assessment.

## v. Summary of alterations based on comments

The comments from the stakeholders were with regard to benefit from the project activity and clarification with regard to project implementation. All the clarifications raised by the communities were cleared during the stakeholder's meeting. Relevant questions and their responses are shown in the table. As the comments given by the stakeholders do not alter any outcome of the SD assessment, there are no alterations

## SECTION D. SUSTAINABLE DEVELOPMENT ASSESSMENT

### D. 1. Own sustainable development assessment

#### i. Safeguard assessment

Safeguarding principles	Assessment questions	Assessment of relevance to the project (Yes/potentially/no)	Justification	Mitigation measure (if required)
3.1 Human Rights	1. The Project Developer and the Project shall respect internationally proclaimed human rights and shall not be complicit in violence or human rights abuses of any kind as defined in the Universal Declaration of Human Rights.	No	1. During construction and operation of the project the project proponent respected all the human rights. The project is not in any kind of conflict with the livelihood of local people. Project proponent had conducted stakeholder's consultation	Not Required

	<p>2. The Project shall not discriminate with regards to participation and inclusion.</p>		<p>and sought their opinion. The project will not employ any personnel based on gender, race, religion, sexual orientation or any other basis. As the Constitution of the host country prohibits discrimination on the basis of a person's race, sex, religion, place of birth, or social status. Indonesia, as the host country of the project, is a party to Universal Declaration of Human Rights<sup>1</sup></p>	
3.2 Gender Equality and Women's Rights	<p>The Project shall complete the following gender assessment questions in order to inform Requirements, below:</p> <ol style="list-style-type: none"> <li>1. Is there a possibility that the Project might reduce or put at risk women's access to or control of resources, entitlements and benefits?</li> <li>2. Is there a possibility that the Project can adversely affect men and women in marginalised or vulnerable communities (e.g., potential increased burden on women or social isolation of men)?</li> <li>3. Is there a possibility that the Project might not take into account gender roles and the abilities of women or men to participate in the decisions/designs of the project's activities (such as lack of time, child care duties, low literacy or educational levels, or societal discrimination)?</li> <li>4. Does the Project take into</li> </ol>	No	<ol style="list-style-type: none"> <li>1. The project does not decrease women's access to or control of resources.</li> <li>2. No, there is no possibility of adverse effect.</li> <li>3. No, the Project does not consider gender roles and in fact actively engages both women and men. Community meetings are scheduled considering participation by both Men and Women.</li> <li>4. The project does not</li> </ol>	Not Required

<sup>1</sup> <http://www.komnasham.go.id/profil>

	<p>account gender roles and the abilities of women or men to benefit from the Project's activities (e.g., Does the project criteria ensure that it includes minority groups or landless peoples)?</p> <p>5. Does the Project design contribute to an increase in women's workload that adds to their care responsibilities or that prevents them from engaging in other activities?</p> <p>6. Would the Project potentially reproduce or further deepen discrimination against women based on gender, for instance, regarding their full participation in design and implementation or access to opportunities and benefits?</p> <p>7. Would the Project potentially limit women's ability to use, develop and protect natural resources, taking into account different roles and priorities of women and men in accessing and managing environmental goods and services?</p> <p>8. Is there a likelihood that the proposed Project would expose women and girls to further risks or hazards?</p> <p>The Project shall not directly or indirectly lead to/contribute to adverse impacts on gender equality and/or the situation of women.</p> <p>1. Sexual harassment and/or any forms of</p>		<p>discriminate on basis of gender, caste or religion.</p> <p>5. No the Project was not designed to increase women's workload nor add care responsibilities.</p> <p>6. There is no place for discrimination against women in this Project. The project does not discriminate on basis of gender, caste or religion.</p> <p>7. The Project will not limit women's ability regarding natural resources. The project being solar power project thus does not have any major impact on natural resources of the region.</p> <p>8. No the Project will not expose women and girls to further risks or hazards.</p> <p>The project proponent has a grievance cell which would look into complaints.</p> <p>1. There is no such risk for the project. Participation in the project is 100% voluntary. The project proponent has a grievance</p>	
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	<p>violence against women - address the multiple risks of gender-based violence, including sexual exploitation or human trafficking.</p> <p>2. Slavery, imprisonment, physical and mental drudgery, punishment or coercion of women and girls.</p> <p>3. Restriction of women's rights or access to resources (natural or economic).</p> <p>4. Recognise women's ownership rights regardless of marital status - adopt project measures where possible to support to women's access to inherit and own land, homes, and other assets or natural resources.</p> <p>Projects shall apply the principles of nondiscrimination, equal treatment, and equal pay for equal work, specifically:</p> <p>1. Where appropriate for the implementation of a Project, paid, volunteer work or community contributions will be organised to provide the conditions for equitable participation of men and women in the identified tasks/activities.</p>		<p>cell which would look into complaints.</p> <p>2. The project does not involve in slavery, imprisonment or coercion of women and girls.</p> <p>3. The Project will not restrict women's rights or access regarding natural resources. The project proponent does not discriminate on gender, caste, religion etc.</p> <p>4. Marital status is completely irrelevant to the Project. The project proponent does not discriminate on gender, caste, religion etc.</p> <p>Yes, the Project has equal opportunity for women and men to contribute both in volunteer and working positions</p> <p>1. The project proponent has a stipulated HR policy that takes into account participation by both men and women. Further, the CSR projects designed are implemented for equal participation of both men and women.</p> <p>2. There is no limit on the</p>	
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	<p>2. Introduce conditions that ensure the participation of women or men in Project activities and benefits based on pregnancy, maternity/paternity leave, or marital status.</p> <p>3. Ensure that these conditions do not limit the access of women or men, as the case may be, to Project participation and benefits. The Project shall refer to the country's national gender strategy or equivalent national commitment to aid in assessing gender risks.</p>		<p>access to Project participation and benefits from either of these conditions.</p> <p>3. There are no such conditions that limit the access of women or men for participation.</p> <p>The project is aligned to Indonesia's strategy for elimination of all discrimination.</p> <p>Indonesia is also party to Convention 100 (Equal remuneration) since 1958 and 111 on Discrimination in employment/occupation since 1999 to prevent any form of discrimination<sup>2</sup></p>	
3.3 Community Health, Safety and Working Conditions	The Project shall avoid community exposure to increased health risks and shall not adversely affect the health of the workers and the community.	No	The project is in compliance with all relevant local and national laws. The Project does not threaten human health or environment and does not adversely affect the health of the workers and the community.	Not Required
3.4.1 Sites of Cultural and Historical Heritage	Does the Project Area include sites, structures, or objects with historical, cultural, artistic, traditional or religious values or intangible forms of culture (e.g., knowledge, innovations, or practices)?	No	The project does not alter, damage or remove any cultural heritage.	Not Required
3.4.2 Forced Eviction and Displacement	Does the Project require or cause the physical or economic relocation of peoples (temporary or permanent, full or partial)?	No	The project does not involve and is not complicit in involuntary resettlement of peoples in any way. The Project Developer has also obtained all necessary clearances from nodal	Not Required

<sup>2</sup> [http://www.ilo.org/dyn/normlex/en/f?p=1000:11200:0::NO:11200:P11200\\_COUNTRY\\_ID:102938](http://www.ilo.org/dyn/normlex/en/f?p=1000:11200:0::NO:11200:P11200_COUNTRY_ID:102938)

			agencies and NOCs from all relevant authorities for establishing the project.	
3.4.3 Land Tenure and Other Rights	<p>1. The Project Developer shall identify all such sites/matters potentially affected by the Project. For all such sites/matters identified the Project shall respect and safeguard:</p> <p>(a) Legal rights, or</p> <p>(b) Customary rights, or</p> <p>(c) Special cultural, ecological, economic, religious or spiritual significance of people shall be demonstrably promoted/protected.</p> <p>2. Changes in legal arrangements must be in line with relevant law and regulation and must be carried out in strict adherence with such laws. All legal disputes must be resolved prior to Project being carried out in such areas. All such changes must be demonstrated as having been agreed with free, prior and informed consent.</p> <p>3. The Project Developer must hold uncontested land title for the entire Project Boundary to complete Project Design Certification.</p>	No	<p>1. The project has all the legal, customary rights on the land and does not require any change to land tenure arrangements. The proponent has also obtained necessary clearances from nodal agencies and NOCs from all the Gram Panchayats for establishing the plant.</p> <p>2. This is not applicable as the project does not require any change to land tenure arrangements.</p> <p>3. The project developers holds the land title for the all the land covered in the project activity.</p>	Not Required
3.4.4 Indigenous Peoples	Are indigenous peoples present in or within the area of influence of the Project and/or is the Project located on land/territory claimed by indigenous peoples?	No	The project is a solar power project and it is not located on land/territory claimed by any indigenous peoples.	Not Required
3.5 Corruption	The Project shall not involve, be complicit in or	No	The proponent confirms that there is no corruption involved	Not

	inadvertently contribute to or reinforce corruption or corrupt Projects.		in the project activity. The host country has strict laws and robust arrangements to prevent such activities.  Indonesia is a party to United Nation Convention against Corruption since 18 Dec 2003 <sup>3</sup> :	Required
3.6.1 Labour Rights	<p>1. The Project Developer shall ensure that there is no forced labour and that all employment is in compliance with national labour and occupational health and safety laws, with obligations under international law, and consistency with the principles and standards embodied in the International Labour Organization (ILO) fundamental conventions. Where these are contradictory and a breach of one or other cannot be avoided, then guidance shall be sought from Gold Standard.</p> <p>2. Workers shall be able to establish and join labour organisations.</p> <p>3. Working agreements with all</p>	No	<p>1. The proponent assures that there will be no bonded or forced labor during construction and operation of the project activity. Uniform policy will be implemented for all employees. The host country has robust laws in place prohibiting forced and compulsory labor.</p> <p>Indonesia is a party to ILO convention 29 (since 1950) and 105 (since 1999) on elimination of forced and compulsory labour<sup>4</sup>.</p> <p>2. The proponent confirms that all the fundamental rights of the employees will be respected. Indonesia has ratified the ILO convention 87 (freedom of association) in 1998 and 98 (right to collective bargaining) since 1957<sup>5</sup></p> <p>3. Working agreements</p>	Not Required

<sup>3</sup> [https://treaties.un.org/pages/viewdetails.aspx?src=ind&mtdsg\\_no=xviii-14&chapter=18&lang=en#EndDec](https://treaties.un.org/pages/viewdetails.aspx?src=ind&mtdsg_no=xviii-14&chapter=18&lang=en#EndDec)

<sup>4</sup> [http://www.ilo.org/dyn/normlex/en/f?p=1000:11200:0::NO:11200:P11200\\_COUNTRY\\_ID:102938](http://www.ilo.org/dyn/normlex/en/f?p=1000:11200:0::NO:11200:P11200_COUNTRY_ID:102938)

<sup>5</sup> [http://www.ilo.org/dyn/normlex/en/f?p=1000:11200:0::NO:11200:P11200\\_COUNTRY\\_ID:102938](http://www.ilo.org/dyn/normlex/en/f?p=1000:11200:0::NO:11200:P11200_COUNTRY_ID:102938)



	<p>individual workers shall be documented and implemented. These shall at minimum comprise: (a) Working hours (must not exceed 48 hours per week on a regular basis), AND (b) Duties and tasks, AND (c) Remuneration (must include provision for payment of overtime), AND (d) Modalities on health insurance, AND (e) Modalities on termination of the contract with provision for voluntary resignation by employee, AND Provision for annual leave of not less than 10 days per year, not including sick and casual leave.</p> <p>4. The Project Developer shall justify that the employment model applied is locally and culturally appropriate.</p> <p>5. Child labour, as defined by the ILO Minimum Age Convention is not allowed. The Project Developer shall use adequate and verifiable mechanisms for age verification in recruitment procedures. Exceptions are children for work on their families' property as long as: (a) Their compulsory schooling (minimum of 6 schooling years) is not hindered, AND (b) The tasks they perform do not harm their physical and mental development, AND (c) The opinions and recommendations of an</p>		<p>with all individual workers are documented and implemented.</p> <p>4. The Project Developer ensures that local workers/employees are preferred, to the extent possible, for employment during construction as well as operation phase of the project ensuring skill development in the local populace.</p> <p>5. Child labor is strictly prohibited in the country. The proponent assures that no child labor will be employed during construction and operation of the plant. The project proponent has a set mechanism to ensure the age of all the temporary/permanent employees during the life time of the project.</p> <p>Indonesia is also a party to convention 138<sup>6</sup> on Minimum Age since 1999 and Convention 182 on Worst Forms of Child Labour since</p>	
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<sup>6</sup> [http://www.ilo.org/dyn/normlex/en/f?p=1000:11200:0::NO:11200:P11200\\_COUNTRY\\_ID:102938](http://www.ilo.org/dyn/normlex/en/f?p=1000:11200:0::NO:11200:P11200_COUNTRY_ID:102938)

	<p>Expert Stakeholder shall be sought and demonstrated as being included in the Project design.</p> <p>6. The Project Developer shall ensure the use of appropriate equipment, training of workers, documentation and reporting of accidents and incidents, and emergency preparedness and response measures.</p>		<p>2000.</p> <p>6. The Project Developer has an active HSE team which ensures that all employees are given appropriate equipment and training. The same is properly documented and appropriate measures taken in case of emergencies.</p>	
3.6.2 Negative Economic Consequences	<p>1. The Project Developer shall demonstrate the financial sustainability of the Projects implemented, also including those that will occur beyond the Project Certification period.</p> <p>2. The Projects shall consider economic impacts and demonstrate a consideration of potential risks to the local economy and how these have been taken into account in Project design, implementation, operation and after the Project. Particular focus shall be given to vulnerable and marginalised social groups in targeted communities and that benefits are socially-inclusive and sustainable.</p>	No	<p>1. Financial Sustainability of the project has been discussed under Section B.5 of the registered PDD. The calculations are for the entire life of the project.</p> <p>2. There are no negative economic impacts or potential risks to the local economy due to the project activity.</p>	Not Required
4.1.1 Emissions	Will the Project increase greenhouse gas emissions over the Baseline Scenario?	No	The project is a solar power project and does not lead to any greenhouse gas emissions in project scenario.	Not Required
4.1.2 Energy Supply	Will the Project use energy from a local grid or power supply (i.e., not connected to a national or regional grid) or	No	The project is connected to the grid, as well as being a solar power project it will be a net provider of power to the	Not Required

	fuel resource (such as wood, biomass) that provides for other local users?		local grid.	
4.2.1 Impact on natural water patterns and flow	Will the Project affect the natural or pre-existing pattern of watercourses, ground-water and/or the watershed(s) such as high seasonal flow variability, flooding potential, lack of aquatic connectivity or water scarcity?	No	The project being a Solar power project will not have any such impacts.	Not Required
4.2.2 Erosion and/or water body stability	<p>1. Could the Project directly or indirectly cause additional erosion and/or water body instability or disrupt the natural pattern of erosion? If 'Yes' or 'Potentially' proceed to question 2.</p> <p>2. Is the Project's area of influence susceptible to excessive erosion and/or water body instability?</p>	No	<p>1. The project activity has developed activities for prevention of soil erosion by various landscaping measures.</p> <p>2. The project area is not susceptible to excessive erosion or water body instability.</p>	Not Required
4.3.1 Landscape modification and soil	Does the Project involve the use of land and soil for production of crops or other products?	No	The project does not involve the use of land and soil for production of crops or other products.	Not Required
4.3.2 Vulnerability to Natural Disaster	Will the Project be susceptible to or lead to increased vulnerability to wind, earthquakes, subsidence, landslides, erosion, flooding, drought or other extreme climatic conditions?	No	The Project will not be susceptible to or lead to increased vulnerability to wind, earthquakes, subsidence, landslides, erosion, flooding, drought or other extreme climatic conditions.	Not Required
4.3.3 Genetic Resources	Could the Project be negatively impacted by the use of genetically modified organisms or GMOs (e.g., contamination, collection and/or harvesting, commercial development)?	No	The project does not have any impact by used of GMOs.	Not Required

4.3.4 Release of pollutants	Could the Project potentially result in the release of pollutants to the environment?	No	The project being a solar power project does not lead to release of any pollutants.	Not Required
4.3.5 Hazardous and Non-hazardous Waste	Will the Project involve the manufacture, trade, release, and/ or use of hazardous and non-hazardous chemicals and/or materials?	No	The project during operational phase uses various type of oil/lubricants, grease which are classified as hazardous. These waste are handled in line with hazardous waste management rules and are disposed off accordingly.	Not Required
4.3.6 Pesticides and fertilizers	Will the Project involve the application of pesticides and/or fertilisers?	No	The Project will not involve the application of pesticides and/or fertilisers.	Not Required
4.3.7 Harvesting of forests	Will the Project involve the harvesting of forests?	No	The Project does not involve the harvesting of forests.	Not Required
4.3.8 Food	Does the Project modify the quantity or nutritional quality of food available such as through crop regime alteration or export or economic incentives?	No	The Project does not have any impact on the quantity or nutritional quality of food available such as through crop regime alteration or export or economic incentives.	Not Required
4.3.9 Animal Husbandry	Will the Project involve animal husbandry?	No	The Project will not involve animal husbandry.	Not Required
4.3.10 High Conservation Value Areas and Critical Habitats	Does the Project physically affect or alter largely intact or High Conservation Value (HCV) ecosystems, critical habitats, landscapes, key biodiversity areas or sites identified?	No	The Project does not affect or alter largely intact or HCV ecosystems, critical habitats, landscapes, key biodiversity areas or sites identified.	Not Required
4.3.11 Endangered Species	<p>1. Are there any endangered species identified as potentially being present within the Project boundary (including those that may route through the area)?</p> <p>2. Does the Project potentially impact other areas where</p>	No	<p>1. There are no endangered species identified as potentially being present within the Project boundary.</p> <p>2. The Project does not</p>	Not Required

	endangered species may be present through transboundary affects?		impact other areas where endangered species may be present through transboundary affects.	
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## ii. Sustainable Development Goals (SDG) outcome

SDG Goal	Relevant SDGs Targets	Justification
<b>SDG 3:</b> Ensure healthy lives and promote wellbeing for all at all ages	<b>3.8</b> Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all.	As CSR activity under the project Developer will undertake Health Camps, Knowledge and information dissemination regarding natural disasters in the project area and the nearby area. This will help in improving the health conditions of the local people. So

<b>SDG 7:</b> Ensure access to affordable, reliable, sustainable and modern energy for all	<b>7.2:</b> By 2030, increase substantially the share of renewable energy in the global energy mix	Solar Energy based power generation would help in providing access to clean energy since it would increase the share of renewable electricity share in total electricity generation profile of the country.
<b>SDG 8:</b> Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	<b>8.5:</b> By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value	<p>The project creates new and permanent jobs. As experience with solar power generation is limited in Indonesia, local employees will be engaged in security jobs and provided opportunity to work as relevant to their skills and ability.</p> <p>Further, the employees will be given training in the new area where they work. This will increase their technical skills and provide the employees with valuable experience and significantly increase their career opportunities in the energy sector.</p>
<b>SDG 13:</b> Take urgent action to combat climate change and its impacts	<b>Goal:</b> Integrate climate change measures into national policies, strategies and planning	By avoiding grid electricity, the project reduces the CO <sub>2</sub> emission which is a green house gas responsible for climate change.

## **D. 2. Stakeholders' Blind sustainable development assessment**

### **i. Safeguard assessment**

During the consultation meeting, the stakeholders were asked the relevant questions from safeguarding principles. The responses of the stakeholders are consolidated as below:

<b>Safeguarding principles</b>	<b>Assessment questions</b>	<b>Assessment of relevance to the project (Yes/potentially/no)</b>	<b>Justification</b>	<b>Mitigation measure (if required)</b>

3.1 Human Rights	<p>(1) The Project Developer and the Project shall respect internationally proclaimed human rights and shall not be complicit in violence or human rights abuses of any kind as defined in the Universal Declaration of Human Rights.</p> <p>2. The Project shall not discriminate with regards to participation and inclusion.</p>	No	<p>1. The project respect human rights and does not complicit in violence or human rights abuse.</p> <p>2. The project does not discriminate people participation. Secondly, the project actively promotes participation regardless of the sex, religion, age, disability etc.</p>	Not Required
3.2 Gender Equality and Women's Rights	<p>The Project shall complete the following gender assessment questions in order to inform Requirements, below:</p> <p>1. Is there a possibility that the Project might reduce or put at risk women's access to or control of resources, entitlements and benefits?</p> <p>2. Is there a possibility that the Project can adversely affect men and women in marginalised or vulnerable communities (e.g., potential increased burden on women or social isolation of men)?</p> <p>3. Is there a possibility that the Project might not take into account gender roles and the abilities of women or men to participate in the decisions/designs of the project's activities (such as lack of time, child care duties, low literacy or educational levels, or societal discrimination)?</p>	No	<p>1. The project does not decrease women's access to or control of resources.</p> <p>2. No, there is no possibility of adverse effect.</p> <p>3. The Project does not consider gender roles and in fact actively engages both women and men. Both women and men are invited for the stakeholder consultation meeting. .</p>	Not Required

	<p>4. Does the Project take into account gender roles and the abilities of women or men to benefit from the Project's activities (e.g., Does the project criteria ensure that it includes minority groups or landless peoples)?</p> <p>5. Does the Project design contribute to an increase in women's workload that adds to their care responsibilities or that prevents them from engaging in other activities?</p> <p>6. Would the Project potentially reproduce or further deepen discrimination against women based on gender, for instance, regarding their full participation in design and implementation or access to opportunities and benefits?</p> <p>7. Would the Project potentially limit women's ability to use, develop and protect natural resources, taking into account different roles and priorities of women and men in accessing and managing environmental goods and services?</p> <p>8. Is there a likelihood that the proposed Project would expose women and girls to further risks or hazards?</p>		<p>4. The project does not discriminate on basis of gender, caste or religion.</p> <p>5. Project does not increase women's workload and adds to care responsibilities in any way.</p> <p>6. The project does not discriminate on basis of gender, caste or religion.</p> <p>7. The project is installed in a private land. The project puts no laminations for the women in using, developing and protecting natural resources.</p> <p>8. No, the Project will not expose women and girls to further risks or hazards.</p> <p>The project proponent has a grievance cell which would look into complaints.</p>	
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	<p>The Project shall not directly or indirectly lead to/contribute to adverse impacts on gender equality and/or the situation of women.</p> <ol style="list-style-type: none"> <li>1. Sexual harassment and/or any forms of violence against women - address the multiple risks of gender-based violence, including sexual exploitation or human trafficking.</li> <li>2. Slavery, imprisonment, physical and mental drudgery, punishment or coercion of women and girls.</li> <li>3. Restriction of women's rights or access to resources (natural or economic).</li> <li>4. Recognise women's ownership rights regardless of marital status - adopt project measures where possible to support to women's access to inherit and own land, homes, and other assets or natural resources.</li> </ol> <p>Projects shall apply the principles of non-discrimination, equal treatment, and equal pay for equal work, specifically:</p> <ol style="list-style-type: none"> <li>1. Where appropriate for</li> </ol>		<ol style="list-style-type: none"> <li>1. Developer confirms there is no such risk for the project as participation in the project is 100% voluntary. Also project proponent has set up a grievance cell which would look into complaints.</li> <li>2. The project does not involve in slavery, imprisonment or coercion of women and girls.</li> <li>3. The Project will not restrict women's rights or access regarding natural resources. The project proponent does not discriminate on gender, caste, religion etc.</li> <li>4. The project recognise women's ownership rights regardless of Marital status</li> </ol> <p>Yes, the Project has equal opportunity for women and men to contribute both in volunteer and working positions</p> <ol style="list-style-type: none"> <li>1. The project proponent has a stipulated HR</li> </ol>	
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	<p>the implementation of a Project, paid, volunteer work or community contributions will be organised to provide the conditions for equitable participation of men and women in the identified tasks/activities.</p> <p>2. Introduce conditions that ensure the participation of women or men in Project activities and benefits based on pregnancy, maternity/paternity leave, or marital status.</p> <p>3. Ensure that these conditions do not limit the access of women or men, as the case may be, to Project participation and benefits.</p> <p>The Project shall refer to the country's national gender strategy or equivalent national commitment to aid in assessing gender risks.</p>		<p>policy that takes into account participation by both men and women. Further, the CSR projects designed are implemented for equal participation of both men and women.</p> <p>2. There is no limit on the access to Project participation and benefits from either of these conditions.</p> <p>3. There are no such conditions that limit the access of women or men for participation.</p>	
3.3 Community Health, Safety and Working Conditions	The Project shall avoid community exposure to increased health risks and shall not adversely affect the health of the workers and the community.	No	There is no health risk to community due to the project. Also all the workers will be trained in the specific area of work including health & safety and all necessary protective equipments will be given to workers.	Not Required
3.4.1 Sites of Cultural and Historical Heritage	Does the Project Area include sites, structures, or objects with historical, cultural, artistic, traditional or religious values or intangible forms of culture	No	No cultural & historical heritage site located near to the project. Hence, the project does not alter damage or remove any cultural heritage.	Not Required

	(e.g., knowledge, innovations, or practices)?			
3.4.2 Forced Eviction and Displacement	Does the Project require or cause the physical or economic relocation of peoples (temporary or permanent, full or partial)?	No	The Project Developer has also obtained all necessary clearances from nodal agencies and NOCs from all relevant authorities for establishing the project. The project does not involve and is not complicit in involuntary resettlement of peoples in any way.	Not Required
3.4.3 Land Tenure and Other Rights	<p>1. The Project Developer shall identify all such sites/matters potentially affected by the Project. For all such sites/matters identified the Project shall respect and safeguard:</p> <p>(a) Legal rights, or</p> <p>(b) Customary rights, or</p> <p>(c) Special cultural, ecological, economic, religious or spiritual significance of people shall be demonstrably promoted/protected.</p> <p>2. Changes in legal arrangements must be in line with relevant law and regulation and must be carried out in strict adherence with such laws. All legal disputes must be resolved prior to Project being carried out in such areas. All such changes must be demonstrated as having been agreed with free, prior and informed consent.</p> <p>3. The Project Developer must hold uncontested land title for the entire</p>	No	<p>(1) The project has all the legal, customary rights on the land and does not require any change to land tenure arrangements. The proponent has also obtained necessary clearances from nodal agencies and NOCs from all the Gram Panchayats for establishing the plant.</p> <p>(2) This is not applicable as the project does not require any change to land tenure arrangements.</p> <p>(3) The project developers holds the land title for the all the land covered in the project</p>	Not Required

	Project Boundary to complete Project Design Certification.		activity.	
3.4.4 Indigenous Peoples	Are indigenous peoples present in or within the area of influence of the Project and/or is the Project located on land/territory claimed by indigenous peoples?	No	The project is a solar power project and it is not located on land/territory claimed by any indigenous peoples.	Not Required
3.5 Corruption	The Project shall not involve, be complicit in or inadvertently contribute to or reinforce corruption or corrupt Projects.	No	The project and its participants are not and will not be involved, complicit or contribute towards corruption.	Not Required
3.6.1 Labour Rights	<ol style="list-style-type: none"> <li>1. The Project Developer shall ensure that there is no forced labour and that all employment is in compliance with national labour and occupational health and safety laws, with obligations under international law, and consistency with the principles and standards embodied in the International Labour Organization (ILO) fundamental conventions. Where these are contradictory and a breach of one or other cannot be avoided, then guidance shall be sought from Gold Standard.</li> <li>2. Workers shall be able to establish and join labour organisations.</li> <li>3. Working agreements with all individual workers shall be documented and implemented. These shall at minimum comprise: (a) Working hours (must not exceed 48 hours per week on a regular basis), AND (b) Duties and tasks, AND (c) Remuneration (must include provision for</li> </ol>	No	<ol style="list-style-type: none"> <li>1. There is no bonded or forced labor are employed in the project during construction and operation of the project activity.</li> <li>2. Developer does not put any restriction on joining or establishing labours organisation.</li> <li>3. Working agreements with all individual workers are documented and implemented.</li> </ol>	Not Required

	<p>payment of overtime), AND (d) Modalities on health insurance, AND (e) Modalities on termination of the contract with provision for voluntary resignation by employee, AND Provision for annual leave of not less than 10 days per year, not including sick and casual leave.</p> <p>4. The Project Developer shall justify that the employment model applied is locally and culturally appropriate.</p> <p>5. Child labour, as defined by the ILO Minimum Age Convention is not allowed. The Project Developer shall use adequate and verifiable mechanisms for age verification in recruitment procedures. Exceptions are children for work on their families' property as long as: (a) Their compulsory schooling (minimum of 6 schooling years) is not hindered, AND (b) The tasks they perform do not harm their physical and mental development, AND (c) The opinions and recommendations of an Expert Stakeholder shall be sought and demonstrated as being included in the Project design.</p> <p>6. The Project Developer shall ensure the use of appropriate equipment,</p>		<p>4. The employment model followed by the developer is common employment model followed in this area.</p> <p>5. No child labour is employed in the project activity.</p> <p>6. All the employees working in the project given appropriate equipment and training. The same is properly documented. Also all the safety equipments like helmets, glove, shoes are given to the workers.</p>	
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	training of workers, documentation and reporting of accidents and incidents, and emergency preparedness and response measures.			
3.6.2 Negative Economic Consequences	<ol style="list-style-type: none"> <li>1. The Project Developer shall demonstrate the financial sustainability of the Projects implemented, also including those that will occur beyond the Project Certification period.</li> <li>2. The Projects shall consider economic impacts and demonstrate a consideration of potential risks to the local economy and how these have been taken into account in Project design, implementation, operation and after the Project. Particular focus shall be given to vulnerable and marginalised social groups in targeted communities and that benefits are socially-inclusive and sustainable.</li> </ol>	No	<ol style="list-style-type: none"> <li>1. Financial Sustainability of the project has been discussed under Section B.5 of the registered PDD. The calculations are for the entire life of the project.</li> <li>2. There are no negative economic impacts or potential risks to the local economy due to the project activity.</li> </ol>	Not Required
4.1.1 Emissions	Will the Project increase greenhouse gas emissions over the Baseline Scenario?	No	The project is a solar power project and does not lead to any greenhouse gas emissions in project scenario.	Not Required
4.1.2 Energy Supply	Will the Project use energy from a local grid or power supply (i.e., not connected to a national or regional grid) or fuel resource (such as wood, biomass) that provides for other local	No	The project is connected to the grid, as well as being a solar power project it will be a net provider of power to the local grid.	Not Required

	users?			
4.2.1 Impact on natural water patterns and flow	Will the Project affect the natural or pre-existing pattern of watercourses, ground-water and/or the watershed(s) such as high seasonal flow variability, flooding potential, lack of aquatic connectivity or water scarcity?	No	No such impact due to the project activity	Not Required
4.2.2 Erosion and/or water body stability	<p>1. Could the Project directly or indirectly cause additional erosion and/or water body instability or disrupt the natural pattern of erosion? If 'Yes' or 'Potentially' proceed to question 2.</p> <p>2. Is the Project's area of influence susceptible to excessive erosion and/or water body instability?</p>	No	<p>1. Developer has undertaken measures to reduce the soil erosion.</p> <p>2. The project area is not susceptible to excessive erosion or water body instability.</p>	Not Required
4.3.1 Landscape modification and soil	Does the Project involve the use of land and soil for production of crops or other products?	No	The project does not involve the use of land and soil for production of crops or other products.	Not Required
4.3.2 Vulnerability to Natural Disaster	Will the Project be susceptible to or lead to increased vulnerability to wind, earthquakes, subsidence, landslides, erosion, flooding, drought or other extreme climatic conditions?	No	The Project will not be susceptible to or lead to increased vulnerability to wind, earthquakes, subsidence, landslides, erosion, flooding, drought or other extreme climatic conditions.	Not Required
4.3.3 Genetic Resources	Could the Project be negatively impacted by the use of genetically modified organisms or GMOs (e.g., contamination, collection and/or harvesting, commercial development)?	No	The project does not have any impact by used of GMOs.	Not Required

4.3.4 Release of pollutants	Could the Project potentially result in the release of pollutants to the environment?	No	The project being a solar power project does not lead to release of any pollutants.	Not Required
4.3.5 Hazardous and Non-hazardous Waste	Will the Project involve the manufacture, trade, release, and/ or use of hazardous and non-hazardous chemicals and/or materials?	No	The hazardous waste generated from the project is very minimal. These wastes are handled in line with hazardous waste management rules and are disposed off accordingly.	Not Required
4.3.6 Pesticides and fertilizers	Will the Project involve the application of pesticides and/or fertilisers?	No	The Project will not involve the application of pesticides and/or fertilisers.	Not Required
4.3.7 Harvesting of forests	Will the Project involve the harvesting of forests?	No	The Project does not involve the harvesting of forests.	Not Required
4.3.8 Food	Does the Project modify the quantity or nutritional quality of food available such as through crop regime alteration or export or economic incentives?	No	The Project does not have any impact on the quantity or nutritional quality of food available such as through crop regime alteration or export or economic incentives.	Not Required
4.3.9 Animal Husbandry	Will the Project involve animal husbandry?	No	The Project will not involve animal husbandry.	Not Required
4.3.10 High Conservation Value Areas and Critical Habitats	Does the Project physically affect or alter largely intact or High Conservation Value (HCV) ecosystems, critical habitats, landscapes, key biodiversity areas or sites identified?	No	The Project does not affect or alter largely intact or HCV ecosystems, critical habitats, landscapes, key biodiversity areas or sites identified.	Not Required
4.3.11 Endangered Species	1. Are there any endangered species identified as potentially being present within the Project boundary (including those that may route through the area)?  2. Does the Project potentially impact other	No	1. No endangered species available in the project area.  2. There is no transboundary affects foreseen due to the project activity	Not Required



	areas where endangered species may be present through transboundary affects?			
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**ii. Sustainable Development Goals (SDG) outcome**

<b>SDG Goal</b>	<b>Relevant SDGs Targets</b>	<b>Justification</b>
<b>SDG 3:</b> Ensure healthy lives and promote wellbeing for all at all ages	<b>3.8</b> Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all.	The developer is undertaking CSR activities in this area. This includes Antenatal health check - ups, in conjunction with local healthcare providers. The developer has also plans of Healthcare support, wellness programs and nutrition awareness through medical missions and camps. This will help in improving the health conditions of the local people.
<b>SDG 7:</b> Ensure access to affordable, reliable, sustainable and modern energy for all	<b>7.2:</b> By 2030, increase substantially the share of renewable energy in the global energy mix	The solar energy is a clean and renewable energy. Supplying power generated from solar power plants to the local grid will increase the renewable energy mix in the local grid power.
<b>SDG 8:</b> Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	<b>8.5:</b> By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value	The project creates new jobs to the local people. All the employees are given training in the area of their work. This will increase their technical skills of the employees.
<b>SDG 13:</b> Take urgent action to combat climate change and its impacts	<b>Goal:</b> Integrate climate change measures into national policies, strategies and planning	By avoiding grid electricity, the project reduces the CO <sub>2</sub> emission which is a green house gas responsible for climate change.

The results from the blind sustainable development assessment were similar to the table in section D.1. The outcome of the both the assessment was same. Hence, there are no corrections made in sustainability assessment prepared by the developer.

## SECTION E. SUSTAINABILITY MONITORING PLAN

### E. 1. Discussion on Sustainability monitoring Plan

SDG Goal	Corresponding Indicator
<b>SDG 3:</b> Ensure healthy lives and promote wellbeing for all at all ages	<p>The stakeholder suggested that recording the CSR activities including number of beneficiaries will be appropriate method. This is found to be appropriate and the following parameter is selected monitoring:</p> <ul style="list-style-type: none"> <li>• Number of health camps conducted &amp; number of people benefited</li> <li>• Any other CSR activities which indented to improve the healthcare of the local people</li> </ul>
<b>SDG 7:</b> Ensure access to affordable, reliable, sustainable and modern energy for all	<p>Since the clean energy generation from the solar power plant is quantifiable through energy meter, it is agreed that the following parameters is considered as monitoring parameters:</p> <ul style="list-style-type: none"> <li>• Net electricity supplied to the grid</li> </ul>
<b>SDG 8:</b> Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	<p>Stakeholder suggested that monitoring the improvement of the technical skills &amp; lifestyle of the employees in the project will give picture of the project contribution to the sustainable economic growth. However, it is agreed to monitor the below parameter as it will directly impact the technical skills &amp; lifestyle of the employees and easy to quantify:</p> <ul style="list-style-type: none"> <li>• Number of trainings provided to employees</li> <li>• Employment generated due to project activity during construction as well as O&amp;M phase.</li> </ul>
<b>SDG 13:</b> Take urgent action to combat climate change and its impacts	<p>Since the project reduces the CO<sub>2</sub> emission which is a green house gas responsible for climate change, the following parameter is considered as monitoring parameter for the SDG 13:</p> <ul style="list-style-type: none"> <li>• Emission reductions in tCO<sub>2</sub></li> </ul>

### E. 2. Discussion on continuous input / grievance mechanism

	Method Chosen (include all known details e.g. location of book, phone, number, identity of mediator)	Justification

Continuous Input / Grievance Expression Process Book	Grievance will be placed in the all the site offices to convey grievances regarding the project activity	This will be most appropriate as the site office is accessible to all the stakeholders and the grievance forms received be reviewed monthly and grievances (if any) will be addressed accordingly.
Telephone access	+62 21 5084 7830  The Gold Standard Foundation: +41 (0) 22 788 7080	This is the email ID of Indonesia Corporate office. The issue can be escalated to corporate office incase no action is taken on the grievance at the site level.  Stakeholder can contact Gold standard foundation also if their grievances are not resolved.
Internet/email access	Mr. Adi Nataatmadja adi.nataatmadja@venaenergy.com  Gold Standard: <a href="mailto:help@goldstandard.org">help@goldstandard.org</a>	Mr. Adi Nataatmadja is the Head of HSSE at Vena Energy Indonesia. The issue can be escalated to Mr. Adi incase no action is taken on the grievance at the site level.  Stakeholder can contact Gold standard foundation also if their grievances are not resolved.
Nominated Independent Mediator (optional)	Not chosen	
Other	NA	

<b>SECTION F.</b>	<b>DESCRIPTION OF THE DESIGN OF THE STAKEHOLDER FEEDBACK ROUND</b>
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1. The Stakeholder Consultation Report with draft PDD will be made available in project site office and public places near the project location for local people without Internet access.
2. Email announcements will be sent to all the stakeholders on the invitation list, NGOs and related experts inviting them to comment on the report. A web link to download all the reports will be provided from the GS Registry.
3. Based on the comments received in the feedback round, the report will be modified

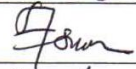
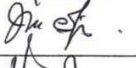

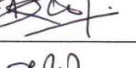
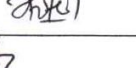
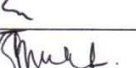
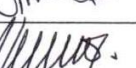
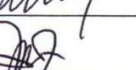
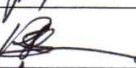
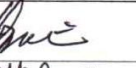
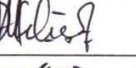
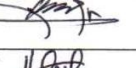
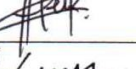
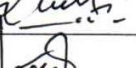
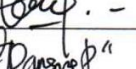


ANNEX 1.

ORIGINAL PARTICIPANTS LIST

DAFTAR HADIR

DESA WINERU KECAMATAN LIKUPANG TIMUR, KABUPATEN MINAHASA UTARA

20 SEPTEMBER 2019

No	Nama	Alamat	Tanda Tangan
1.	FERRA. Sompie	WINERU, JG I	
2.	JONIKE. ROLEH	WINERU. JG II	
3.	JEKLIN. MALIOTA	WINERU JG III	
4.	Derce kamuh	WINERU JG. I	
5.	SUSAN Mogouta	WINERU JAGA III	
6.	Yuliana Dmail	WINERU jaga I	
7.	SENTYA TAHULENDING	WINERU JG III	
8.	STELI mangeng konyak	WINERU jaga III	
9.	FERNANDO. MARJADU	WINERU JAGA I	
10.	RAMLI IDRUS	WINERU JAGA IV.	
11.	JAKUB. SHIBULAN	WINERU JAGA IV	
12.	MELISA. KAMUH	WINERU JAGA I	
13.	Dga Pottie	WINERU Jaga I	
14.	Lirchy. sangkilang	WINERU Jaga I	
15.	AKNES. KAMUH	WINERU JAGA II	
16.	MARDIANA. SAWENG	WINERU JAGA IV	
17.	Febriyani. Pansing	WINERU Jaga I	

## 42 MWp Bundled Solar Photovoltaic Power project in Indonesia

Date: 20/09/2019

### FEEDBACK FORM FOR GOLD STANDARD STAKEHOLDER MEETING FORMULIR TANGGAPAN UNTUK PERTEMUAN PEMANGKU KEPENTINGAN GOLD STANDARD

Name Nama	FERNANDO MARJADU
Address Alamat	WINERU JAGIA I
Phone Telpon/HP	

Please provide your feedback/answer to the following questions

Mohon kesediaan saudara untuk memberikan tanggapan/jawaban pada pertanyaan berikut

What is the impression of the gold standard stakeholder meeting? Bagaimana kesan dan pesan anda terkait pertemuan ini?
Feedback/Jawaban: This meeting is very usefull to understand the advantages and disadvantages of the project.
What do you like about the project? Apa yang anda sukai pada proyek?
Feedback/Jawaban: This location is better is known outside after the project got built, compare to other districts.
What do you not like about the project? Apa yang anda tidak sukai pada proyek?
Feedback/Jawaban:  None
Other comments Tanggapan lainnya
Feedback/Jawaban: Additional CSR activities shall be undertaken.



## 42 MWp Bundled Solar Photovoltaic Power project in Indonesia

Date: 20/09/2019

### FEEDBACK FORM FOR GOLD STANDARD STAKEHOLDER MEETING FORMULIR TANGGAPAN UNTUK PERTEMUAN PEMANGKU KEPENTINGAN GOLD STANDARD

Name Nama	Susan Mogaeta
Address Alamat	Wineu Terga 14
Phone Telpon/HP	

Please provide your feedback/answer to the following questions

Mohon kesedian saudara untuk memberikan tanggapan/jawaban pada pertanyaan berikut

What is the impression of the gold standard stakeholder meeting? Bagaimana kesan dan pesan anda terkait pertemuan ini?
Feedback/Jawaban: The recent meeting, I think is good because it involves all layers of community & govt to develop the project in a better way.
What do you like about the project? Apa yang anda sukai pada proyek?
Feedback/Jawaban: The project creates more job opportunities. The project is pride of our location
What do you not like about the project? Apa yang anda tidak sukai pada proyek?
Feedback/Jawaban: None
Other comments Tanggapan lainnya
Feedback/Jawaban: None

**42 MWp Bundled Solar Photovoltaic Power project in Indonesia**

Date: 20/09/2019

**FEEDBACK FORM FOR GOLD STANDARD STAKEHOLDER MEETING**  
**FORMULIR TANGGAPAN UNTUK PERTEMUAN PEMANGKU KEPENTINGAN**  
**GOLD STANDARD**

<b>Name</b> <b>Nama</b>	MELISA KAMU
<b>Address</b> <b>Alamat</b>	Wineru JAGA J
<b>Phone</b> <b>Telpon/HP</b>	

Please provide your feedback/answer to the following questions  
Mohon kesedian saudara untuk memberikan tanggapan/jawaban pada pertanyaan berikut

What is the impression of the gold standard stakeholder meeting? Bagaimana kesan dan pesan anda terkait pertemuan ini?
Feedback/Jawaban: Rapat bermanfaat dan diatur dengan baik
What do you like about the project? Apa yang anda sukai pada proyek?
Feedback/Jawaban: Proyek ini sangat baik untuk lingkungan. Tenaga angin adalah daya bersih. Listrik diproduksi tanpa emisi.
What do you not like about the project? Apa yang anda tidak sukai pada proyek?
Feedback/Jawaban: —
Other comments Tanggapan lainnya
Feedback/Jawaban: —



**42 MWp Bundled Solar Photovoltaic Power project in Indonesia**

Date: 20/09/2019

**FEEDBACK FORM FOR GOLD STANDARD STAKEHOLDER MEETING**  
**FORMULIR TANGGAPAN UNTUK PERTEMUAN PEMANGKU KEPENTINGAN**  
**GOLD STANDARD**

Name Nama	Lirchy Sangkilang
Address Alamat	winem Jaga I
Phone Telpon/HP	

Please provide your feedback/answer to the following questions

Mohon kesedian saudara untuk memberikan tanggapan/jawaban pada pertanyaan berikut

What is the impression of the gold standard stakeholder meeting? Bagaimana kesan dan pesan anda terkait pertemuan ini?
Feedback/Jawaban: Useful and become a place to express the opinion of the Project.
What do you like about the project? Apa yang anda sukai pada proyek?
Feedback/Jawaban: The project is clean energy generation. Provide jobs to Local People
What do you not like about the project? Apa yang anda tidak sukai pada proyek?
Feedback/Jawaban: Project consumes more area
Other comments Tanggapan lainnya
Feedback/Jawaban: more funds shall be allotted for CSR activities.