

Overview of Meiktila Solar Power Station Project in Myanmar

Preface

Energy is the core driving force for a country's economic development. As an important representative of clean and renewable energy, photovoltaic (PV) energy has become the core direction of global energy transition. In Myanmar, solar power generation projects have been listed as key national livelihood projects and a core part of the energy strategy. They not only shoulder the important mission of alleviating domestic power shortages and improving people's living electricity conditions, but also play a crucial role in promoting energy structure transformation, supporting green and sustainable development, and boosting regional economic upgrading.

Located in the tropical monsoon climate zone, Myanmar is endowed with abundant solar energy resources, with an average annual sunshine duration of 2500 - 3000 hours and an annual radiation dose exceeding 1800 kWh/m² in some areas, which provides unique natural advantages for the development of the photovoltaic industry. In recent years, the Myanmar government has attached great importance to the development of the photovoltaic industry, continuously increased policy support and investment, and actively attracted domestic and foreign capital to participate in photovoltaic project construction through a series of measures such as simplifying project approval processes, improving power grid connection supporting facilities, and introducing investment preferential policies, accelerating the transformation process of photovoltaic projects from planning to implementation.

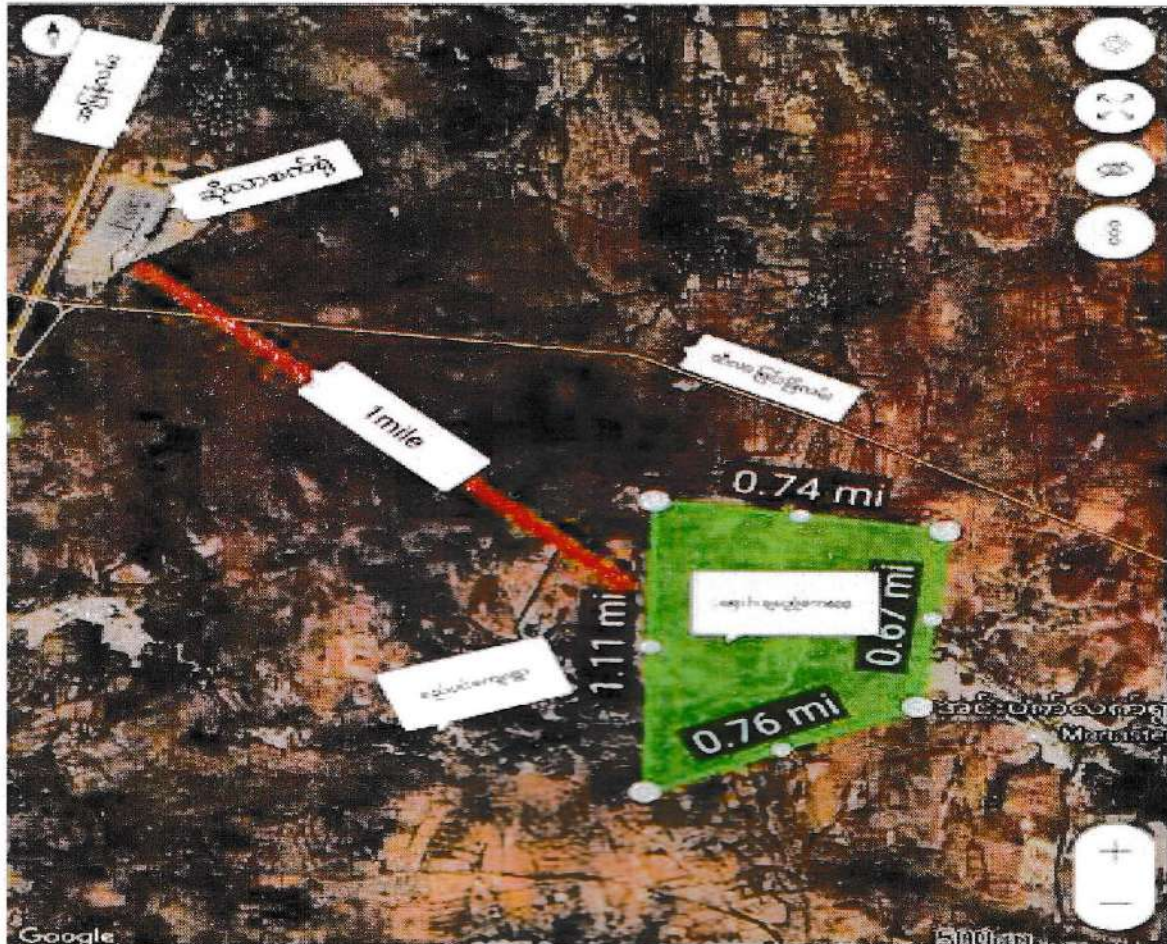
Against this background, the Meiktila Photovoltaic Power Station Project came into being. Relying on Meiktila's superior geographical location and improved power grid foundation, the project has multiple advantages such as moderate investment scale, clear cooperation model, stable and reliable returns, and strong policy guarantees. In the future, solar power generation will become an important pillar of Myanmar's national energy structure. Investing in Myanmar's photovoltaic industry is timely, and this project is an excellent investment option with great potential.

I. Core Project Overview

(1) Basic Project Information

This project is the construction project of Meiktila Photovoltaic Power Station, located in Meiktila City, Mandalay Region, Myanmar. It is adjacent to Meiktila Main Substation, with a distance of only 1 mile, which has unique power grid connection advantages and can greatly reduce power transmission losses and line construction costs.

The planned land area of the project is about 640 acres, among which the minimum installed capacity of the photovoltaic power plant for this investment application is 30MVA. To ensure the stable output of 30MVA power from the photovoltaic field, the project needs to reserve at least 120 acres of core construction land, and the remaining land can be used as reserve land for the subsequent expansion and upgrading of the project, reserving sufficient space for the long-term development of the project.



(2) Project Construction Objectives

After completion, the project will become an important clean energy supply base in the Meiktila region. On the one hand, it will effectively supplement the local power supply gap and alleviate the tension in regional industrial production and people's living electricity; on the other hand, it will promote the transformation of Myanmar's energy structure towards cleanliness and low carbon, help the country achieve green development goals, and at the same time create employment opportunities for the local area, drive the development of related industries.

II. Project Cooperation Model

This project adopts the "joint venture and co-construction" cooperation model. Myanmar GOLDEN FLAGMAST INTERNATIONAL Co., Ltd. (hereinafter referred to as "Myanmar Company") and the intended investor (hereinafter referred to as "Chinese Company") will jointly establish a joint venture company, which will serve as the main body to promote the whole-process operation of the project.

Specific operation process: After the establishment of the joint venture company, the Myanmar Company will take the lead in coordination to obtain the construction land for the photovoltaic plant (at least 120 acres) in the area designated by the Myanmar government and complete the relevant project approval procedures; subsequently, the joint venture company will formally apply to the relevant national departments of Myanmar for the construction qualification of a photovoltaic power plant with a scale of 30MVA and above. After approval, it will fully promote the investment, construction, operation and management of the project.

III. Responsibilities and Equity Distribution of Cooperating Parties

(1) Core Responsibilities of Both Parties

1. Myanmar Company:

Undertake the resource docking and policy coordination work throughout the project process. The core responsibilities include: application for land indicators for photovoltaic projects, land acquisition and ownership confirmation; responsible for handling all approval and licensing documents from relevant departments of the Myanmar government (including the full set of procedures for project approval, planning, construction, etc.); assisting in handling the import licenses for raw materials and equipment required for the construction and operation of the photovoltaic plant; responsible for docking with relevant departments of the Myanmar government on payment settlement, subsidy application and other related work to ensure the smooth flow of project funds.

2. International Company:

Undertake the overall investment, construction, operation, management and maintenance of the project. The core responsibilities include: fully investing the construction funds in accordance with the project planning requirements; responsible for the overall design, construction organization and construction implementation of the project to ensure the project is completed on time and with quality; responsible for the daily operation and management, equipment maintenance, power production and transmission after the project is completed; responsible for introducing advanced

photovoltaic technology and management experience to ensure the long-term stable and efficient operation of the project.

(2) Equity Distribution Plan

To protect the legitimate rights and interests of both cooperating parties, the equity distribution is clearly defined as follows: Myanmar GOLDEN FLAGMAST INTERNATIONAL Co., Ltd. holds 30% of the shares, and the foreign investor (International Company) holds 70% of the shares. Both parties shall enjoy project benefits, bear corresponding risks in accordance with the equity ratio, and jointly participate in major decisions of the joint venture company.

IV. Project Cost Analysis

The cost structure of this project is clear, mainly covering land cost, power transmission line construction cost, project construction cost and operation and maintenance cost, with specific details as follows:

1. Land Cost

After in-depth preliminary research and negotiation by the Myanmar Company, the confirmed cost range of the project land is 2 million to 4 million Myanmar Kyats per acre. The specific cost will be finally determined according to the actual location and area of the land. Based on the minimum 120 acres of core construction land, the estimated land cost is 240 million to 480 million Myanmar Kyats.

2. Power Transmission Line Cost:

The project site is only 1 mile away from Meiktila Main Substation, so the construction distance of the power transmission line is short and the difficulty is low. According to the official calculation standard of the Myanmar government, the construction cost of the power transmission line is about 48 million Myanmar Kyats per mile, and the estimated construction cost of the power transmission line for this project is 48 million Myanmar Kyats.

3. Construction Cost:

It mainly includes the purchase cost of core equipment such as photovoltaic modules, inverters and brackets, civil engineering cost, installation and construction cost, design and supervision cost, etc. This part of the cost will be accurately calculated by the investor according to the actual investment scale (30 MVA and above). The Myanmar Company will fully assist in providing basic data such as local building material prices and construction labor costs to ensure the accuracy of the calculation.

4. Operation and Maintenance Cost:

It mainly includes daily equipment maintenance costs, personnel salaries, water and electricity fees, taxes and fees, etc. During the operation period of the project, the operation and maintenance cost is relatively stable, and the cost can be further controlled through refined management.

V. Project Benefit Analysis

(1) Economic Benefits

According to the official commitment of the Myanmar government, for the photovoltaic project with a scale of 30MVA, the approved expected benefit is 22 million US dollars. This benefit is the core benefit during the stable operation period of the project and has clear policy guarantees. In addition, after the project is put into operation, it can also enjoy the tax preferential policies of the Myanmar government for new energy projects (such as reduction or exemption of part of corporate income tax, import tariffs, etc.), further enhancing the project's profit space.

(2) Social Benefits

1. Alleviating power shortage: After the project is completed, it can stably output clean power, effectively supplement the power supply in Meiktila and surrounding areas, ensure the needs of industrial production and people's living electricity, and promote regional economic development.

2. Promoting industrial upgrading: The project will introduce advanced photovoltaic technology and management experience, drive the development of related industries in Myanmar's local photovoltaic industry chain, and improve the technical level of the domestic new energy industry.

VI. Core Project Guarantee Measures

This project has multiple authoritative guarantees, which can effectively reduce investment risks and ensure the smooth implementation and stable operation of the project:

1. Legal Guarantee

Relevant laws and regulations of Myanmar have clearly stipulated the protection of various legitimate rights of foreign investors, including property rights, income rights, transfer rights, etc., providing a solid legal basis for investors and ensuring investment safety.

2. Enterprise Qualification Guarantee:

The Myanmar cooperating company (Myanmar GOLDEN FLAGMAST INTERNATIONAL Co., Ltd.) is an investment promotion enterprise designated by Myanmar's national ministries and commissions. It has rich experience in government resource docking and project operation capabilities, and can efficiently promote key link work such as project approval and land acquisition to ensure the smooth progress of the project.

3. National Policy Incline:

During the visit of Myanmar's national leaders to Meiktila on December 10, 2024, they clearly instructed to fully implement and promote the application and construction of solar energy projects. As a key regional photovoltaic project, this project will directly enjoy national policy incline support, with faster approval processes and more in-place policy support.

4. Power Grid Supporting Guarantee:

The project site is adjacent to Meiktila Main Substation, with superior power grid connection conditions. There is no need to build large-scale long-distance power transmission lines, which can quickly realize power grid connection and transmission, ensure the smooth absorption of power, and improve project operation efficiency.

VII. Market Prospect Outlook

As an emerging market in Southeast Asia, Myanmar's economy is in a stage of rapid development, and power demand is continuously rising. At present, Myanmar's power supply is still dominated by traditional energy, with a low proportion of new energy, so the photovoltaic industry has huge development space. With the acceleration of global energy transformation and the strong support of the Myanmar government for the new energy industry, photovoltaic projects will usher in unprecedented development opportunities.

As an important economic and transportation hub in Mandalay Region, Meiktila City has a solid industrial foundation, dense population and strong power demand, providing a stable market guarantee for the power absorption of this project. At the same time, the Myanmar government is actively promoting the construction of the new energy industry chain, and will further improve the supporting policies for the photovoltaic industry in the future, providing a good market environment for the long-term operation of the project.

Attachment

- 1. Myanmar Government's Planning on Meiktila Power Station**
- 2. Myanmar Government's Document on Key Investment Points of Solar Power Stations**
- 3. Current Status Photos of Meiktila Substation**

ပြည်ထောင်စုသမ္မတမြန်မာနိုင်ငံတော်အစိုးရ
လျှပ်စစ်နှင့်စွမ်းအင်ဝန်ကြီးဌာန
လျှပ်စစ်ဓာတ်အားထုတ်လုပ်ရေးလုပ်ငန်း
ရုံးအမှတ် (၂၇)၊ နေပြည်တော်

ဖုန်း-၀၆၇-၈၁၀၄၂၉၁

အီးမေးလ်-epgesolartender21@gmail.com

ဖက်စ်-၀၆၇၈၁၀၄၂၉၂

စာအမှတ်၊ ၃၃၂၇/လစထလ/ပစရအ/စ-၅၆/၂၀၂၆

ရက်စွဲ ၂၀၂၆ ခုနှစ်၊ မေလ ၁၁ ရက်

သို့

Golden Flagmast International Co., Ltd.

အကြောင်းအရာ။ အစည်းအဝေးဖိတ်ကြားခြင်း

ရည်ညွှန်းချက်။ Golden Flagmast International Co., Ltd. ၏ ၂၃-၂-၂၀၂၆ ရက်စွဲပါစာ

Golden Flagmast International Co., Ltd. က မန္တလေးတိုင်းဒေသကြီး၊ မိတ္ထီလာခရိုင်၊ မိတ္ထီလာမြို့နယ်၊ ကံကောင်းဓာတ်အားခွဲရုံနှင့် (၁) မိုင်ခန့်ကွာဝေးသော စည်ပင်သာယာမှုနှင့် ကျောက်ဖြူကုန်းရွာများရှိ မြေနေရာ (၂၀၀) ဧကခန့်ပေါ်တွင် နေရောင်ခြည်စွမ်းအင်သုံးလျှပ်စစ်ဓာတ်အားပေးစက်ရုံစီမံကိန်း အကောင်အထည်ဖော် ဆောင်ရွက်လိုပါကြောင်း တင်ပြလာခြင်းနှင့် စပ်လျဉ်း၍ တွေ့ဆုံဆွေးနွေးမည် ဖြစ်ပါသဖြင့် အောက်ပါအစီအစဉ်အတိုင်း မပျက်မကွက် တက်ရောက်ပေးနိုင်ပါရန် ဖိတ်ကြားအပ်ပါသည်။

- | | | | | |
|-----|--------|---|-------------------------|----------|
| (က) | နေ့ရက် | - | (၁၂ - ၅ - ၂၀၂၆) ရက် (| နဂါ နေ့) |
| (ခ) | အချိန် | - | (၁၃ : ၀၀) နာရီ | |
| (ဂ) | နေရာ | - | ယာယီအစည်းအဝေးခန်း၊ | |

ပြည့်ဖြိုးမြဲစွမ်းအင်နှင့်ရေအားစက်ရုံများဌာန၊

လျှပ်စစ်ဓာတ်အားထုတ်လုပ်ရေးလုပ်ငန်း။

ဦးဆောင်ညွှန်ကြားရေးမှူး(လွယ်စာ :)

(ညီညီထွန်း၊ အင်ဂျင်နီယာချုပ်-ပြည့်ဖြိုးမြဲ)

မိတ္တူကို

ဦးဆောင်ညွှန်ကြားရေးမှူး

ဒုတိယဦးဆောင်ညွှန်ကြားရေးမှူး

ရုံးလက်ခံ/မျှောစာတွဲ

သိရှိနိုင်ပါရန် တင်ပြအပ်ပါသည်။



မန္တလေးတိုင်းဒေသကြီး၊ မိတ္ထီလာမြို့နယ်၊ ညောင်တောက်အုပ်စုအတွင်း
နေရောင်ခြည်သုံး လျှပ်စစ်စွမ်းအင် Solar စက်ရုံတည်ဆောက်မည့်
ဈာနထားတည်နေရာ ဖြေပုံကြမ်း

စတုရန်းမိုင်



ကွင်းအမှတ် = ၅၄၄
ကွင်းအမည် = ဝါးတောမ - W

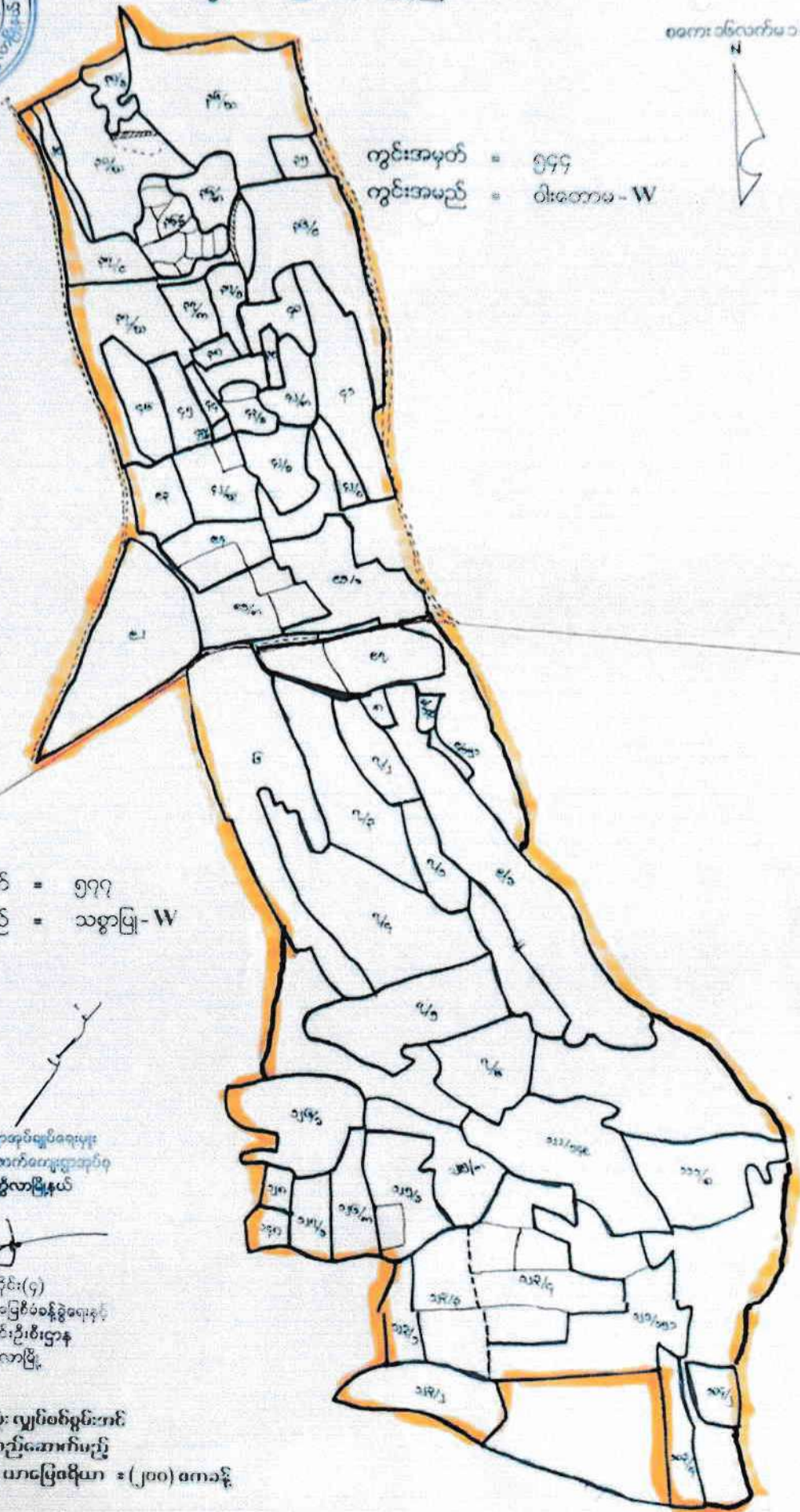
ကွင်းအမှတ် = ၅၄၇
ကွင်းအမည် = သစ္စာပြု - W

ကျေးရွာအုပ်စုပေါင်းစုလေး
ညောင်တောက်ကျေးရွာအုပ်စု
မိတ္ထီလာမြို့နယ်



မြေတိုင်း(၄)
မြို့နယ်လယ်ယာမြေစီမံခန့်ခွဲရေးနှင့်
စာရင်းအင်းဦးစီးဌာန
မိတ္ထီလာမြို့

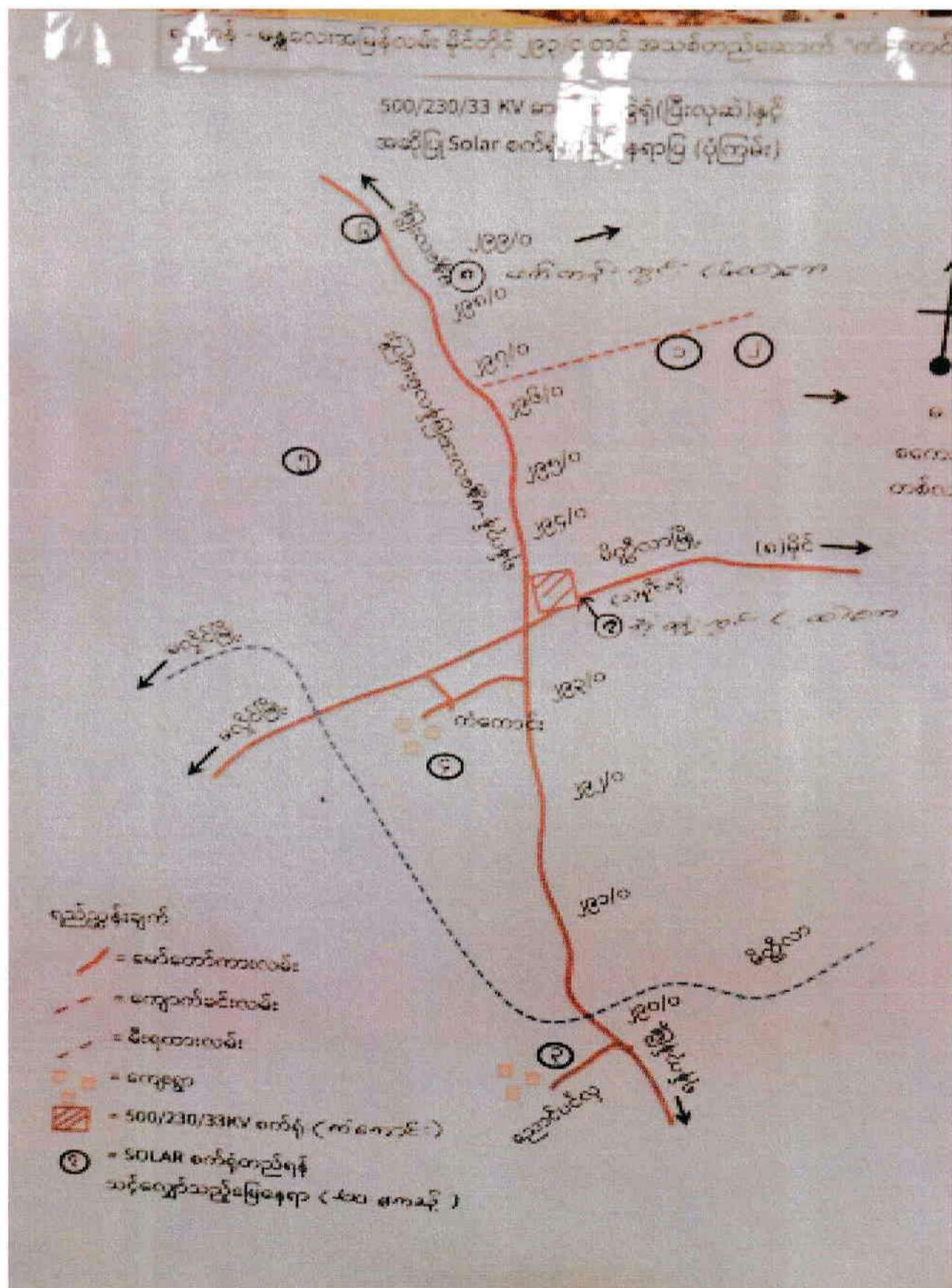
နေရောင်ခြည်သုံး လျှပ်စစ်စွမ်းအင်
Solar စက်ရုံတည်ဆောက်မည့်
ဈာနထားစီမံကိန်း ယာဇ္ဇာပြေစာရင်း = (၂၀၀) ဧကခန့်



စီမံကိန်းမြေ နှင့် အမြန်လမ်း ၂၉၃ ခွဲရုံအကွာ (၂.၂၃) မိုင်

ခွဲရုံအကွာ





SOLAR ဓါတ်အားခွဲရုံနှင့် ပတ်သက်၍ သိရှိထားသည့်အချက်များ

SOLAR ဓါတ်အားခွဲရုံနှင့်ပတ်သက်၍ သိရှိထားသည့်အချက်များ

၁။ ဓါတ်အားလက်ခံမှု

(က) မိတ္ထီလာ (သပြေဝ) ပင်မဓါတ်အားပေးစက်ရုံ ။ အနည်းဆုံး (၃၀) မဂ္ဂဝပ်လျှောက်ထားနိုင်သည်။

(ခ) ကံကောင်းပင်မဓါတ်အားပေးစက်ရုံ ။ အနည်းဆုံး (၅၀) မဂ္ဂဝပ်လျှောက်ထားနိုင်သည်။

မှတ်ချက် ။ မဂ္ဂဝပ် (၅၀) တည်ဆောက်ရန် မြေ (၁၀၉) ဧကလိုသော်လည်း ကျင်း၊ ဂျိုင်း၊ ကုန်း၊ ရေဝပ်နေရာ စသည်အတွက် (၄၁)ဧက အရံထားရမည် ဖြစ်ရာ၊ မဂ္ဂဝပ် (၅၀) ဧက အတွက် ခန့်မှန်း (၁၅၀) ဧကလိုပါမည်။

(ဂ) ဓါတ်အားကြိုးတင်ဒါခေါ်ယူမှု ။ စက်ရုံသို့ SOLAR ဓါတ်အားပေးစက်ရုံ တည်ဆောက်ခွင့်ပြုရန်၊ မြေစာရင်းပုံစံ (၇) အမည်ပေါက်ရမည်။ တင်ဒါမအောင်လျှင် နောက်တစ်ကြိမ်တင်ဒါ လျှောက်နိုင်သည်။

(ဃ) ရရှိမည့်အကျိုးခံစားခွင့် ။ မဂ္ဂဝပ် (၃၀)ဆိုလျှင် တစ်နှစ်လျှင် အမေရိကန်ဒေါ်လာ (၂၂)သန်း ဝန်ကြီးဌာနမှ ခွင့်ပြုသည်။

(င) ဓါတ်အားကြိုးသွယ်တန်းမှ ကုန်ကျစရိတ် ။ တစ်မိုင် (၄၈၀)သိန်းခန့်။

၂။ ဓါတ်အားပေးစက်ရုံများတွင် SOLAR စက်ရုံတည်ထောင်သူများအတွက် အကျိုးခံစားခွင့် တရားဝင် ရေးထားသည်။

၃။ (၁၀.၁၂.၂၀၂၄)ရက် နိုင်ငံတော်အကြီးအကဲ မိတ္ထီလာမြို့၌ တွေ့ဆုံပွဲတွင် SOLAR လျှောက်ထားမှုကို ဆောင်ရွက်ရေး မှာကြားပြီး ဖြစ်ပါသည်။

၄။ ထက်ရှိ SOLAR စီမံကိန်းအတွက် မြေဝယ်ထားသူများ၏မြေတန်ဖိုးသည် နိုင်ငံတော်မှ Solar ခွင့်ပြုချိန်၌ မြေဈေးပိုတက်မည်မှာ ကျိန်းသေဖြစ်ပါသည်။

နေ့စွဲ၊ ၂၈ - ၁ - ၂၀၂၅

(သိန်းထွတ်)

附件3/Attachment III





