October 2014

THA: Subyai Wind Power Project

Prepared by Electricity Generating Public Company Limited (EGCO) for the Asian Development Bank.

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ABBREVIATIONS

ADB	-	Asian Development Bank
BOD	-	Biochemical Oxygen Demand
CDM	-	Clean Development Mechanism
COD	-	Chemical Oxygen Demand
DO	-	Dissolved Oxygen
EGCO	-	Electricity Generating Public Company Limited
IEE	-	Initial Environmental Examination
PEA	-	Provincial Electricity Authority
TDS	-	Total Dissolved Solids
TGO	-	Thailand Greenhouse Gas Management Organization
T/L	-	Transmission Line
CWF	-	Chaiyaphum Wind Farm Company, Ltd.
TSP	-	Total Suspended Particle

WEIGHTS AND MEASURES

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I. INTRODUCTION

1. Chaiyaphum Wind Farm Project Chaiyaphum, a project of the Electricity Generating Public Co., Ltd. (EGCO) will entail the construction of a 42 x 2.5 MW wind farm in Sub Yai subdistrict, Sub Yai District, Chaiyaphum Province(the "Project"). The Project will be developed and implemented under a 5-year power purchase agreements (PPAs) with the Electricity Generating Authority of Thailand ("EGAT") with automatically renewal every 5 years for a total contracted capacity of 90 MW. The total length of the transmission line from the project site to existing EGAT substation will be 85 km. It will be upgraded under EGCO's cost for 75 km and another 10 km by PEA's cost. However upon completion of the new PEA substation the power will be evacuated at PEA's Chaiyaphum2 substation at distance of about 50km from the project site.

A. Project Proponent

2. The Project is supported by a strong group of shareholders led by Electricity Generating Company Limited ("EGCO") using a project company, Chaiyaphum Wind Farm Company Limited¹ (CWF or Project Company), a special purpose vehicle established in Thailand.

3. EGCO is Thailand's first independent power producer and is currently the second largest private power producer in the country. EGCO was privatized by EGAT in 1992 and the company was later listed on Stock Exchange of Thailand in 1995.

B. Project Overview

4. The Project comprises of 42 WTGs x 2.5 MW of GoldWind GW121/2500 at 120 m hub height turbine. The inter-turbine distance between turbines is approximately 3.3 wind turbine diameters. The total installed capacity will be 105 MW for the whole wind farm. The Project sites could be accessed via Highway 2354 and Highway 2069. Existing roads approximately 5m in width will be used as the wind farm access/internal road and upgraded as needed. The wind farm access to each WTG and substation. Wind farm substation will be connected with the new 115kV overhead lines of the Provincial Electricity Authority (PEA).

5. During the construction period, the project area covers 7.35 hectares (about 45.93 rais) which includes wind turbine generators, substations, equipment, machineries. During the operation period, the projects area covers 6.88 hectares (about 43 rais) for location of wind turbine generators and substation (shown in Figure 1).

6. The Project shall be financed by group of Lenders including Asian Development Bank (ADB) and Thai Financial Institutions. EPC Contractors are consortium of Italian Engineering Co., Ltd. (ITE) and Goldwind International Holdings (HK) Limited (Goldwind) The Project will be constructed under a fixed-price, date-certain, turnkey EPC arrangement covering all design, engineering, supply, construction, testing and commissioning. Construction will be for a period

¹ Chaiyaphum Wind Farm Company Ltd. (CWF), is a special purpose project company that is owned 90% by EGCO, a major power supply holding company in Thailand and 10% by the founder of Pro Ventum Group, an international wind power developer based in Germany.

of 20-months. And operation and maintenance (O&M) for this Project will be undertaken by Goldwind and ITE for the first fifteen years after Commercial Operations Date (COD) with an option to extend. CWF will take over O&M services after 15 years.

C. IEE Study

7. The Ministry of Natural Resources and Environment (MONRE) does not require an environmental impact assessment for wind power plant project. Nevertheless, the Project Company has assigned Greener Consultant Co., Ltd. to undertake an initial environmental examination (IEE) which includes environmental and social assessment of the project to ensure that the project will be environmentally sound and acceptable to the local communities. This IEE document presents the findings and conclusions to fully comply with ADB's Safeguard Policy Statement (2009) for category B projects and internationally recognized standards such as United States for Environmental Protection Agency (USEPA).

- 8. The objectives of the IEE are to:
 - (i) Assess the existing environmental and socioeconomic conditions of the project area
 - (ii) Identify likely impacts of the proposed project on the natural and human environment of the area, to predict and evaluate these impacts, and determine significance of these impacts, in the context of the technical and regulatory concerns
 - (iii) Proposed appropriate mitigation measures that should be incorporated in the design of the project to minimize, if not eliminate, the adverse impacts.
 - (iv) Assess the compliance status of the proposed activities with respect to the environmental legislation and ADB's environmental and social standards.
 - (v) Formulate an environmental and social management plan (ESMP) to provide an implementation mechanism for the mitigation measures identified during the study.

II. POLICY, LEGAL AND ADMINISTRATIVE FRAMEWORK

9. This chapter discusses the policy, legal and administrative framework as well as institutional set-up relevant to the environmental and social assessment of the proposed project.

A. Compliance with Thai Regulations

10. Currently, developers of wind power projects in Thailand are not required to undertake the EIA process. However, an IEE report study has been prepared and public consultation meeting was held on 20 June 2014 as required by the Thai Constitution. For a wind power project, several environmental issues have been identified that need to be taken into consideration during construction and operation. These issues include: (i) noise, (ii) shadow flicker, (iii) visual impacts, (iv) species mortality, (v) habitat alteration; and (vi) water quality.

11. For the proposed wind power project it is anticipated that noise emission and shadow flicker issues will be the significant environmental impacts that will be addressed and mitigated during project implementation.

1. Thai Noise Regulations

12. Noise quality shall comply with the following Thai noise standard Notification of Environmental Board No. 15 B.E. 2540 (1997) under the Conservation and Enhancement of National Environmental Quality Act B.E. 2535 (1992) and Notification of Pollution Control Department, Subject: Calculation of Noise Level Dated August 11, B.E. 2540 (1997).

Ambient Noise Standard				
Standard	Noise Calculation			
Maximum Sound Level (Lmax) should not exceed 115 dB(A)	Equivalent Sound Level (Leq) from Fluctuating Noise			
A-weighted Equivalent Continuous Sound Level (Leq) 24 hours should not exceed 70 dB(A)	Equivalent Sound Level (Leq) from Steady Noise			

	Table 1:	Thai	Noise	Standards
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13. In addition, the wind farm will need to comply with the Thai noise standard Notification of Environmental Board NO. 17 B.E. 2543 (2000) under the Conservation and Enhancement of National Environmental Quality Act 2535 (1992), which states that an Annoyance Noise means the noise of which noise level is 10 dB(A) or greater than the background noise (L90). Therefore, the maximum increase in noise level from the plant should in any case be lower than 10dB(A).

14. Maximum noise level at site boundary of 70 dB(A) is the Thai standard applicable to the project. However, it should be noted that the US EPA states that 70 dB(A) is the level of environmental noise which will prevent any measurable hearing loss over a lifetime, with a levels of 55 dB(A) and 45 dB(A) indoors are identified as preventing activity interference and annoyance. These levels of noise are considered those which will permit spoken conversation and other activities such as sleeping, working and recreation, which are part of the daily human condition.

B. Applicable International Guidelines

15. The international guidelines are applied in this study. For noise impact study, The Noise Control Act 1972 (US.EPA) is considered in the noise impact study with Thailand regulation. For shadow flicker impact study, the standards of German guidelines (Hinweise zur Ermittlung und Beurteilung der optischen Immissionen von Windenergianlagen (WEA-Shattenwurf-Hinweise), 2002) are applied in this study.

C. Asian Development Bank (ADB) Policies and Guidelines

16. ADB policies and standards to manage social and environmental risks and impacts are considered:

- (i) ADB Safeguard Policy Statement (2009);
- (ii) Gender and Development Policy (1998)
- (iii) Social Protection Strategy;
- (iv) Public Communication Policy; and
- (v) Labor Standards.

1. The ADB's Safeguard Policy Statement 2009 sets out the policy objectives scope and trigger, and principles for following three key safeguard areas:

- (i) Environmental safeguard;
- (ii) Involuntary resettlement safeguard; and
- (iii) Indigenous people safeguards.

17. The objective and scope of above three key areas are briefly described as under.

18. **Environment Policy.** This policy element ensures the environmental soundness and sustainability of projects and supports the integration of environmental considerations into the project decision-making process. Environmental safeguards are triggered if a project is likely to have potential environmental risks and impacts.

19. During the design, construction, and operation of a project the borrower/client will apply pollution prevention and control technologies and practices consistent with international good practice, as reflected in internationally recognized standards such as the World Bank Group's Environment, Health and Safety Guidelines.

20. **Involuntary Resettlement Policy.** This policy guideline encourages avoiding involuntary resettlement by exploring project and design alternatives; to enhance, or at least restore, the livelihoods of all displaced person in real terms relative to pre-project levels; and to improve the standards of living of the displaced poor and other vulnerable groups

21. The involuntary resettlement safeguards covers physical displacement (relocation loss of residential land or loss of shelter) and economic displacement (loss of land assets, access to assets, income sources, or means of livelihoods) as a result of (i) involuntary restrictions on land use or on access to legally designated parks and protected areas. It covers them whether such losses and involuntary restrictions are full or partial, permanent or temporary.

22. **Indigenous People Policy.** This guides the project proponent to design and implement projects in a way that fosters full respect for indigenous peoples' identity, dignity, human rights, livelihood systems, and cultural uniqueness as defined by the indigenous peoples themselves so that they (i) receive culturally appropriate social and economic benefits, (ii) do not suffer adverse impacts as a result of projects, and (iii) can participate actively in projects that affect them.

23. The indigenous people's safeguards are triggered if a project directly or indirectly affects the dignity, human rights, livelihood systems or culture of indigenous peoples or affects the territories or natural or cultural resources that indigenous peoples own, use, occupy, or claim as an ancestral domain or asset. The term indigenous peoples are used in a generic sense to refer to a distinct, vulnerable, social and cultural group possessing the following characteristics in varying degrees: (i) self-identification as members of a distinct indigenous cultural group and recognition of the identity by others; (ii) collective attachment to geographically distinct habits or ancestral territories in the project area and to the natural resources in these habits and territories; (iii) customary cultural, economic, social, or political institutions that are separate from those of the dominant society and culture; and (iv) a distinct language, often different form of the official language of the country or region. In considering these characteristics, national legislation, customary law, and any international conventions to which the country is a party will be taken into account. A group that has lost collective attachment to geographically distinct

habits or ancestral territories in the project area because of forced severance remains eligible for coverage under this policy.

24. **Policy on Gender and Development (1998).** The Asian Development Bank (ADB) first adopted a Policy on the Role of Women in Development (WID) in 1985 and over the passage of time has progressed from a WID to a gender and development (GAD) approach that allows gender to be seen as a crosscutting issue influencing all social and economic processes. ADB's policy on GAD will adopt mainstreaming as a key strategy in promoting gender equity. The key elements of ADB's policy will include the following.

25. Gender sensitivity: to observe how ADB operations affect women and men, and to take into account women's needs and perspectives in planning its operations

26. Gender analysis: to assess systematically the impact of a project on men and women, and on the economic and social relationship between them

27. Gender planning: to formulate specific strategies that aim to bring about equal opportunities for men and women

Gender Mainstreaming: to consider gender issues in all aspects of ADB operations, accompanied by efforts to encourage women "s participation in the decision-making process in development activities

28. Agenda setting: to assist developing member country (DMC) governments in formulating strategies to reduce gender disparities and in developing plans and targets for women's and girls" education, health, legal rights, employment, and income-earning opportunities

29. ADB will aim to operationalize its policy on GAD primarily by mainstreaming gender considerations in its macroeconomic and sector work, including policy dialogue, lending, and technical assistance (TA) operations. Increased attention will be given to addressing directly gender disparities, by designing a larger number of projects with GAD either as a primary or secondary objective in health, education, agriculture, natural resource management, and financial services, especially microcredit, while also ensuring that gender concerns are addressed in other ADB projects, including those in the infrastructure sector.

2. 2001 Social Protection Strategy

30. It is the set of policies and programs designed to reduce poverty and vulnerability by promoting efficient labor markets, diminishing people's exposure to risks and enhancing their capacity to protect themselves against hazards and interruption/loss of income. Social Protection consists of five major elements:

- (i) **Labor markets policies and programs** designed to facilitate employment and promote and efficient operation of labor markets;
- (ii) **Social insurance** programs to cushion the risks associated with the unemployment, health, disability, work injury, and old age;
- (iii) **Social assistance and welfare service programs** for the most vulnerable groups with no other means of adequate support;

- (iv) **Micro and area-based schemes** to address vulnerability at the community level; and
- (v) **Child protection** to ensure the healthy and productive development of the future Asian workforce.

3. 2011 Public Communications Policy

31. The Public Communications Policy of ADB guides the institutional efforts to be transparent and accountable to the people it serves. The Policy recognizes that transparency and accountability are essential to development effectiveness. The objective of the policy is to enhance stakeholders' trust in and ability to engage with ADB. The policy recognizes the right of people to seek, receives, and imparts information about ADB operations. It supports knowledge sharing and enables participatory development or two-way communications with affected people. The policy is based on a presumption in favor of disclosure unless there is a compelling reason for nondisclosure. It commits ADB to disclose institutional, financial, and project-related information proactively on its website, following strictly time limits, and provides mechanisms to handle responses and complaints.

4. Core Labor Standards

32. ADB adopted a commitment to core labor standards (CLS) as part of its Social Protection Strategy in 2001. Since then, ADB ensures that CLS are duly considered in the design and implementation of its investment projects. In this regards a handbook for CLS has been developed by ADB with cooperation of International Labor Organization (ILO). The objective is to convince decision-makers that the introduction of CLS and labor standards in general will not impede development. The labor standards are simple the rules that govern how people are treated in a working environment. Labor standards cover a very wide variety of subjects, mainly concerning basic human rights at work, respect for safety and health and ensuring that people are paid for their work. CLS are a set of four internationally recognized basic rights and principles at work:

- (i) Freedom of association and the effective recognition of the right to collective bargaining;
- (ii) Elimination of all forms of forced or compulsory labor;
- (iii) Effective abolition of child labor; and
- (iv) Elimination of discrimination in respect of employment and occupation.

III. DESCRIPTION OF THE PROJECT

33. This chapter provides a simplified description of various components of the proposed project and their salient features, location, and phases with particular emphasis on aspects related to environmental and social.

A. Project Location

34. The project is located in Subyai Subdistrict, Subyai District, Chaiyaphum Province (refer to Figure 1), about 332 kilometers (km) northeast of Bangkok. Highway no. 205 and no. 2069 will be used for transportation. For wind potential area, according to the study report from the

Joint Graduate School of Energy and Environment of King Mongkut's University of Technology Thonburi, it illustrated that the average annual wind speed of the project area (Subyai Subdistrict, Subyai District, Chaiyaphum Province) is about 6-7 m/s. Therefore, the location of Chaiyaphum Wind Farm Project has enough potential of wind energy to produce electricity.

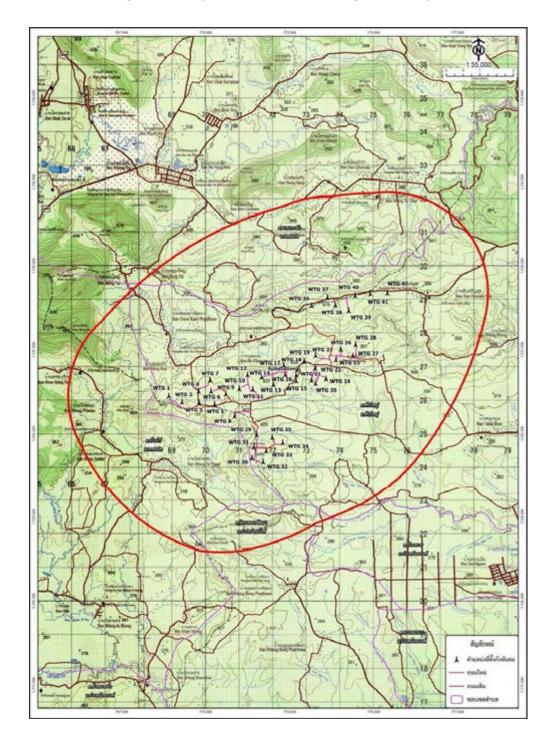


Figure 1: Project Location and Scope of Study Area

B. Project Scope and Layout

35. The project has surveyed existing environmental conditions in the study area within 3 km radius around the project sites (refer to Figure 1). The land utilization will be allocated for forty - two (42) wind turbine generators, 1 substation (shown as Figure 2), right of way, control room, and green area. The Project chose a wind turbine specification that is Goldwind 2.5 MW of Goldwind International Holdings (HK) Limited. The technical specifications of Goldwind 2.5 MW are present in Table 2 and Figure 3.

Item	Description
Power	
Rated Power	2,500 kW
Cut-in Wind Speed	3 m/s
Rated Wind Speed	9.3 m/s
Cut-out Wind Speed	22 m/s (10 Minute Averge)
Rotor	
Туре	Simoma 59.5
Position	Upwind
Diameter	121 m
Swept Area	11,595 m ²
Speed Range	7.0-14.5 rmp
Material of Rotor Hub	Casted Iron
Blades	
Туре	3-bladed and horizontal axis
Blade Length	59.5 m
Meterial	Fiberglass
Power Control	Blade Pitch Control
Safety System	Independent Blade Pitch Control
	Hydraulic Disk Brake
	Hydraulic Bolt Lock
Yaw System	4 Induction Motors
Tower	
Туре	Tubular Steel Tower (Q345C)
Hub Height	120 m
Foundation	Flat Foundation
Material	Reinforced Concrete with Foundation Steel Section
Converter	Full Power Converter (IGBT Modular System)
Transformer	
Input Voltages	690 v
Output Voltages	33 kv
Control System	Microprocessor Controlled, DFÜ (SCADA)
Design Standard	IEC IIIa
	CGCC/DNV (Design Assessment)

Table 2: Specifications of Wind Turbine

Source : Goldwind International Holdings (HK) Limited, 2014.

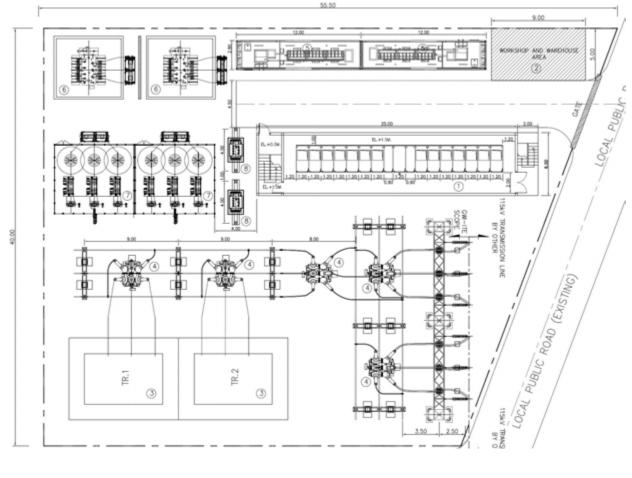
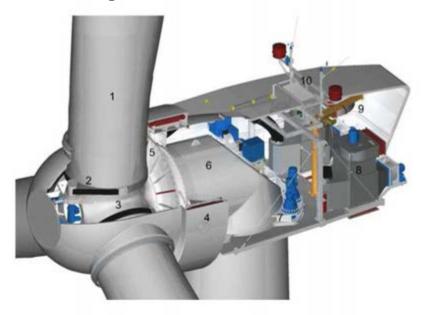


Figure 2: Substation Plan of the Project

Figure 3: Goldwind 2.5 MW Turbine



Components of the wind turbine generator 2.5 MW (Horizontal Axis type)

- 1. Rotor Blade
- 2. Pitch System
- 3. Casted Hub
- 4. PMDD Generator
- 5. Rotor / Generator Bearing
- 6. Base Frame
- 7. Yaw System
- 8. Heat Exchanger
- 9. Auxiliary Crane
- 10. Metrological Equipment

36. The transmission lines (T/L) consists of 33 kV cable laying to transmit electricity from 42 wind turbines to CWF substation. The 2,750 kVA transformer is installed on each wind turbine to adjust the voltage from 690 V to 33 kV and transmits electricity to CWF substation. Then, CWF substation will step up voltage from 33 kV. to 115 kV.by 50/80 MVA transformer and transmit electricity to Chaiyaphum2 Substation, Chaiyaphum Province of PEA. PEA has responsibility to maintain and operate transmission line of Chaiyaphum2 Substation. The total length of the 115 kV transmission line from the project site to existing EGAT substation will be 85 km. It will be upgraded under EGCO's cost for 75 km and another 10 km by PEA's cost. However upon completion of the new PEA substation the power will be evacuated at PEA's Chaiyaphum2 substation at distance of about 50km from the project site.



Figure 4: 115kV.Transmission Routes of the Project

1. Land Acquisition

37. Land Requirement. The project will be requiring 7.35 hectares (about 45.93 rais) during construction and 6.88 hectares (about 43 rais) during operation. The project will be located in an agricultural area planted to cassava and no individual or households will be displaced by the project. Breakdown of the land requirement is shown in Table 3 below:

Structure	Area	Remarks			
Land Requirement During Project	ct Construction				
Wind turbine generators		Area required covers location of storage area for supplies, materials, turbine, and other equipments/ machineries.			
Substation	7.35 hectares (45.93 rais)				
Land Requirement During Project Operation					
Wind turbine generators		Area required covers location			
Substation	6.88 hectares (43 rais)	of storage area for supplies, materials, turbine, and other equipments/machineries.			

Table	3:	Land	Req	Juiren	nent ²
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38. Land Acquisition. Chaiyaphum Wind Farm Company Limited (CWF) entered into a long-term lease agreement with the ALRO for the location of turbines, access road, substation and green area. The ALRO lease agreement also includes consent from 39 farmer beneficiaries who are using the area for agricultural production. Consents of these individuals were obtained by the project sponsor after consulting and negotiating with them. A fixed rate per plot or per rai

² Existing roads will be used as access/internal roads, and will be upgraded if needed.

was agreed to be paid by CWF to the affected farmer beneficiaries and the consent given was good for the duration of the project. The Agreement has been signed and registered with the land office.

39. **Status of Land Acquisition.** The affected lands in the proposed project site are ALRO land. Details are shown in Table 4 as follows:

			•
Land Type	Number of Owners/ Leaseholders	Area Leased	Remarks
ALRO Land	1 (ALRO is the owner)	6.88 hectares (43 rais)	Term – 27 years (Agreement has been signed and under register with the land office.)

Table 4: Status of Land Acquisition

40. There is no required land acquisition for the T/L since the existing T/L of PEA will be used by the project. No existing structure and household will be affected. There is no household near the transmission lines (T/L).

C. Construction Activities

41. The design, construction, and commissioning will be undertaken by the contract between CWF and contractor. The project construction plan will take about 20 months (as shown in Figure 5) with approximately maximum of 250 civil workers (only for the short-peak period). All construction workers will stay outside the project area and thus there will be no need for construction camp.

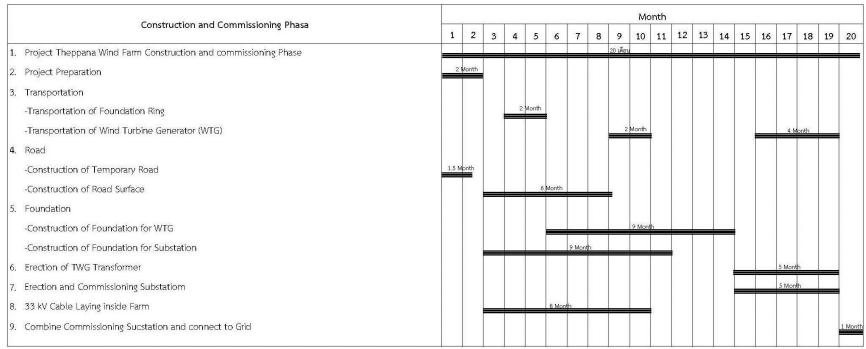


Figure 5: Construction and Commissioning Schedule

Source: Chaiyaphum Wind Farm Co., Ltd., 2014.

42. During the construction period, the project area will be prepared for the construction of wind turbine with area of 1.0935 rais (about 0.175 hectares) per 1 wind turbine which covers location of storage area for supplies, materials, turbine, and other equipment. Figure 6 presents the typical land utilization for 1 wind turbine during the construction period.

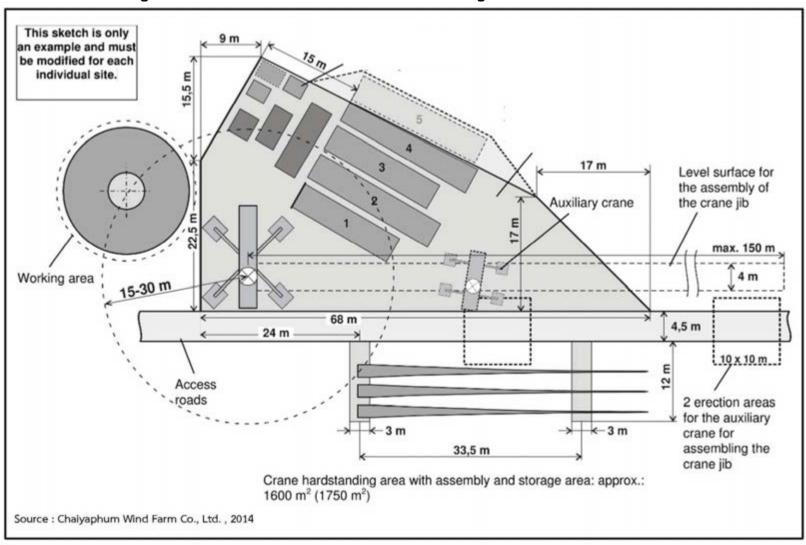


Figure 6: Land Utilization for 1 Wind Turbine during the Construction Period

43. Highway no. 205 and no. 2069 will be used for transportation of construction materials and labourers. Moreover, some of the access roads to the wind turbine location will be upgraded by the contractor to allow the passage of large trucks for delivery of materials. It currently has a width of 5 meters (insert distance of access road). Water drainage system will be prepared along the road. The access road of the project is shown in Figure 7.

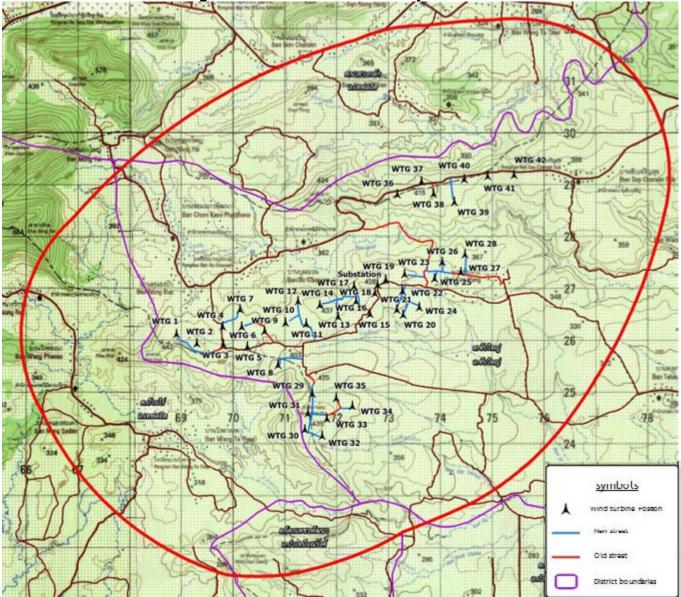
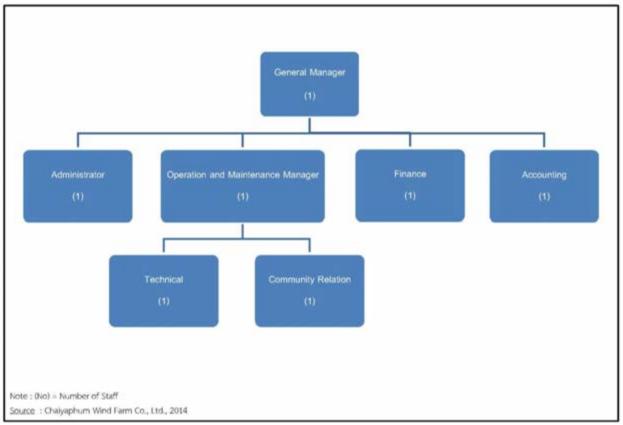


Figure 7: Access Road of the Project

D.Operational Activities

44. O&M activities for wind power are relatively simple, consisting of remote monitoring, regular inspections, minor repairs, part replacement, measurements and data verification.

45. For the operation period, there are 7 staffs which they have a responsibility to control and check the efficiency of wind turbine system and all equipment. Moreover, they have a responsibility to cooperate with the local communities around the project area. Figure 8 presents the organization chart of the project. For hiring of women-employee, the project has women employees to work in accounting and financial which the project has prepared policies to take care them such as annual health check for women program.





46. Green area will be provided with area of 2.15 Rai or 5% of total area. The lawn and culture shrubs will be planted around wind turbine generators to be buffer between the project area and nearest communities. Moreover, the noise impact assessment is not over standard.

E. Decommissioning Activities

47. The design plant life is 25 years. Decommissioning will involve the dismantling of the turbines, supporting towers and the administration building/substation, and transporting it out of the project area. It is expected that this activity will take approximately 12 months and will require heavy haul trucks (60-feet size) for the turbine components. The turbine components will be sold as scrap, and all the concrete will be broken up and removed and disposed of to designated landfill site. The stored fuel and oil, together with the containers will be transported out of the site for sale/disposal at suitable landfill sites. The remaining non-hazardous waste will be sent to a licensed disposal services company. The site will be restored as far as possible to

its original condition. The access roads may be left intact, if local people desire to use them. If not, road structures will be dismantled and the land returned to its original condition.

IV. DESCRIPTION OF EXISTING ENVIRONMENT AND SOCIOECONOMIC CONDITIONS

A. Physical Environment

48. The entire project area is located on the Nam Phong series (Ng). The characteristic of the topography is flat land with wavy. Typical land use is mostly for cassava plantation. Geology is sedimentary and metamorphic rocks. Earthquakes possibility falls in ZONE 0 according to Thailand seismic hazard map (Department of Mineral Resources, 2005) which is no risk thus it is not required seismic design of buildings. The magnitude is less than 3 Mercalli which can be detected with instruments only.

B. Meteorology and Climate

49. The climate of the Project area in Chaiyaphum province is considered as tropical monsoon, with three distinct seasons:

- (i) Winter from November to February;
- (ii) Summer from March to May; and
- (iii) Rainy Season from June to October

50. According to historical weather statistics recorded during 1984 – 2013 at Vicheanburi weather station which is the closest meteorological station to the Project site in Chaiyaphum Province, the meteorological data can be summarised:

- (i) The annual mean temperature averages 27.9°C with monthly maximum temperature of 37.2°C and monthly minimum temperatures of 17°C;
- (ii) The maximum wind speed during 1984 2013 has been 27 m/s in April, measured at 68 m height above mean sea level;
- (iii) The highest average monthly precipitation is 243 mm in September. The annual mean rainfall during 1984 2013 is approximately 1237.2 mm.

C. Ambient Air Quality

51. No sources of anthropogenic sources of air pollution exist in the immediate vicinity of the site; therefore the ambient air of the area is likely to be free from the key pollutants such as carbon monoxide (CO), oxides of nitrogen (NO₂), and sulphur dioxide (SO₂). However total Suspended Particulates (TSP) was measured in 5 sampling locations from 2 to 5 April 2014 (shown in Figure 9). These sampling locations are: (1) Ban Bu Chanuan School, (2) Ban Sap Hang Community Hall, (3) Ban Sap Charoen Suk School, (4) Puttakijjaram Temple and (5) Tepnimitwanarak House of Prist. The high volume air sampler was applied to collect to air pollutants. Gravimetric method is certified by Department of Pollution that was used to analyze TSP. The results illustrated that TSP were not over the standard value (shown as Table 5).

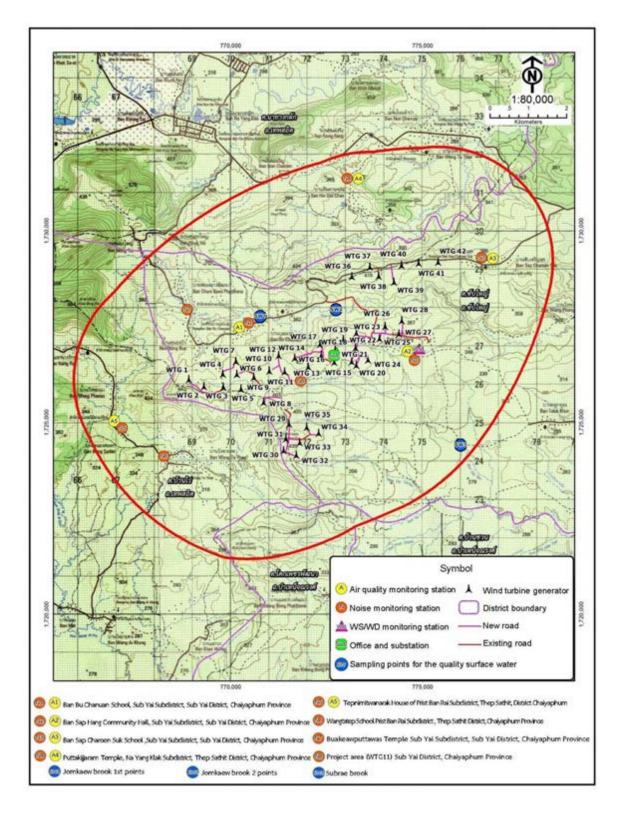


Figure 9: Sampling Locations for Air Quality, Noise Level and Surface Water Quality

Sample point	Tested Date	Total Suspended Particulate (TSP) 24-hr Average (mg/m ³)	Particulate matter less than or Equal 1 micrometers (PM10) 24-hr Average (mg/m ³)			
1. Ban Bu chanuan school	2-3 April 2014	0.146	0.033			
(A1) UTM WGS 84: 770349,	3-4 April 2014	0.145	0.029			
1727565	4-5 April 2014	0.144	0.031			
2. Ban Sap Hang Community	2-3 April 2014	0.154	0.046			
Hall (A2) UTM WGS 84:	3-4 April 2014	0.150	0.049			
774621, 1726852	4-5 April 2014	0.152	0.050			
3. Ban Sap Charoen Suk	2-3 April 2014	0.082	0.027			
School (A3) UTM WGS 84:	3-4 April 2014	0.087	0.028			
776671, 1729298	4-5 April 2014	0.086	0.024			
4. Puttakijjaram Temple	2-3 April 2014	0.089	0.039			
(Kum Hindadjan Ban	3-4 April 2014	0.092	0.033			
Nongrang) (A4) UTM WGS	4-5 April 2014	0.094	0.037			
84: 773016, 1731369						
5. Tepnimitwanarak House of	2-3 April 2014	0.085	0.038			
Prist (A5) UTM WGS 84:	3-4 April 2014	0.086	0.040			
766955, 1725041	4-5 April 2014	0.089	0.036			
Stardard		0.330 ^{1/} , 0.260 ^{2/}	0.120 ^{1/} , 0.150 ^{3/}			

<u>remark :</u> ^{1/}Notificaion of Office of The National Environmental Board 24 B.E. 2547 (2004) Standard for 24-hr Average

^{2/} Notification of National Ambient Air Quality Standards, 1971 (Standard for 24-hr Average)

^{3/} Notification of National Ambient Air Quality Standards, 2012 (Standard for 24-hr Average) Standard for 24-hr Average

source : Greener Consultant Co., Ltd., 2014

D. Ambient Noise Level Monitoring

52. Wind turbines do make some noise. The carefully designed rotor blades with low rotational speed along with good noise insulation generator help limit noise emission. Typically, at 200 m the sound from a modern, medium-sized wind turbine would be about 45 dB, quieter than a typical living room. At 400 m, the sound would be no louder than leaves rustling in a gentle breeze. By keeping enough distance from built-up or other noise sensitive areas, noise pollution is avoided. Existing ambient noise levels are typical for a rural area with a small population. Noise sources may include wind, birds, tractors, motor bike and vehicle.

53. Ambient noise level measurement covering 7 sampling locations (refer to Figure 9) has been conducted during 2-5 April 2014. The sampling and methodology is certified by Notification of Environmental Board B.E. 2540 (1997) regarding Noise and Vibration Standard. The parameters comprise equivalent continuous sound level during a 24 hour period (Leq- 24 hr), and maximum sound level (Lmax) (3 consecutive days measurement). The results revealed that Leq-24 hr and Lmax were not over the standard value as shown in Table 6 below.

	Distance for the		Measurem (dB	
Stations	Project Site (meter)	Measurement Date	Leq-24 hr	Lmax
		2-3/04/14	49.9	81.4
1. Ban Bu Chanuan School (N1)	1,084	3-4/04/14	50.7	83.2
		4-5/04/14	49.8	83.2
		2-3/04/14	48.4	77.9
2. Ban Sap Hang Community Hall (N2)	834	3-4/04/14	49.7	83.6
			48.6	82.6
		2-3/04/14	55.9	78.3
3. Ban Sap Charoen Suk School (N3)	1,167	3-4/04/14	52.9	84.3
		4-5/04/14	54.7	82.7
		2-3/04/14	49.5	92.2
4. Puttakijjaram Temple (N4)	2,500	3-4/04/14	48.0	88.8
		4-5/04/14	50.5	82.2
		2-3/04/14	58.8	93.2
5. Tepnimitwanarak House of Prist (N5)	2,167	3-4/04/14	54.2	88.3
		4-5/04/14	57.6	97.2
		2-3/04/14	56.1	89.8
6. Ban Wangtatep School (N6)	2,084	3-4/04/14	53.2	83.8
		4-5/04/14	53.5	88.5
		2-3/04/14	48.9	82.4
7. Buakeawputtawas Temple (N7)	1,974	3-4/04/14	47.4	81.7
		4-5/04/14	46.5	80.4
	70 ^{1/}	115 ^{1/}		
Standa	ra		70 ^{2/}	-

Table 6: The Result of Ambient Noise Level around the Project Area

Source: Greener Consultant Co., Ltd., 2014. ^{1/} The National Noice and Vibration Standards, as specified in Notification of National Environmental Board No.24, B.E. 2547 (2004) ^{2 /} Notification of Guidelines for Community Noise, World Health Organization (WHO), 1999.

E. Wind Speed and Wind Direction

54. Wind speed and wind direction monitoring have been conducted during 2-5 April 2014. There was 1 sampling station (refer to Figure 9) located in the east of the project area. Cup Anemometer and Wind Vane were applied to measure wind speed and wind direction. The results illustrated that major wind direction comes from northeast with a wind speed ranging from 1 to 5 km/hr. It is the light air which equals to 52.778% of wind speed during the conducting period. From the result, the wind speed around the project area is suitable for wind power plant project as shown in Table 7 below.

Direction	Wind Speed (Percentage)					
Direction	Light Air (1-5 km/hr)	Light Breeze (6-11 km/hr)				
Ν	5.556	1.389				
NNE	18.055	1.389				
NE	11.111	-				
ENE	-	-				
E	-	-				
ESE		-				
SE	-	-				
SSE	1.389	-				
S	-	-				
SSW	-	-				
SW	6.944	-				
WSW	-	-				
W	2.778	-				
WNW	-	-				
NW	4.167	-				
NNW	2.778	-				
Total	52.778	2.778				
Calm (<1 Km/Hr)	44.444					

 Table 7: Measurement of Wind Speed and Direction around North-East of the Project

 During 2-5 April 2014

Source: Greener Consultant Co., Ltd, 2014.

F. Surface Water Quality

55. The sampling and testing of surface water was conducted during 2-5 April 2014. The sampling and methodology followed Standard Methods for the Examination of Water and Wastewater, AWWA, APHA Ed. 21st, 2005. Huay Jom Keaw spot 1, Huay Jom Keaw spot 2, and Huay Sap Rae have been identified as the sampling location (refer to Figure 10). The parameters comprised of pH, conductivity, temperature, turbidity, TDS, BOD, COD, grease and oil. The results showed that all values were less than the standard value as shown in Table 8).

Parameter	Huay Jom Kaew 1 st (SW.1)	Huay Jom Kaew 2 nd (SW.2)	Huay Sub Rae (SW.3)	Standard 1/	Standard 3/
рН	7.64	7.69	6.61	5.0-9.0	6.5-8.5
Temperature (°C)	28.9	29.5	29.2	T ^{2/}	-
Turbidity (NTU)	6.40	3.75	15.55	-	-
Total Dissolved Solids (mg/l)	144	196	232	-	-
Conductivity (µseimens/cm)	331	468	228	-	-
BOD ₅ (mg/l)	0.8	1.4	1.8	< 2.0	7
COD (mg/l)	18	30	27	-	50
Grease & Oil (mg/l)	<2	<2	<2	-	-

Source: Greener Consultant Co., Ltd., 2014. ¹/Surface Water within Type III Standard, as specified in Notification of the National Environment Board No.8, B.E.2537 (1994)

^{2/}T = Water temperature is not over 3 degree celsius

³/Quality elements and physico-chemical quality standards for assessment of ecological status of surface water in Romania, 2006

G. Biological Environment

Land utilization of the project area is agricultural areas including cassava plantation. The 56. project area is not located in or near a sensitive ecosystem. An ecological survey of the project area confirmed that there are not significant flora and fauna. Methodology of the biological resources survey was conducted from 22-25 March 2014. The consultant company applied quadrant plot to survey horizontal and vertical characteristics by purpose sampling. Survey results showed that there are 125 tree species (shown in Appendix I) that are commonly found in the project area and are not endangered. If these tree species will be removed or cut during the construction, CWF will ask for permission from the landowners. Moreover, wildlife animals including birds, mammals, reptiles, and amphibian were found in the project area and no endangered or vulnerable animals were found.

57. The project area is not an officially declared protected, watershed, forest area. The site does not provide habitat to any terrestrial or avian faunal species, not it is located along the route of migratory birds. The nearest national park, Pa Hin Ngam, is about 50 km away from the project site.

H. Socioeconomic Environment

58. Subyai Subdistrict is within a 3 km radius of the project site. Subyai Subdistrict has 14 villages with a total population of 16,655 living in 2,108 households (Subyai District Office, 2014). There is no household within the 500 m. radius from the nearest turbine. The predominant land utilization of the project site is agriculture. Most of households rely on agriculture as their main source of income. And the project is far from airport, television and telecom network. Therefore, it is expected that the project will not have electromagnetic interference.

59. For local people health, there is a public health station of Subyai Subdistrict which they can get the medicines and remedy without payment. Moreover, there are highways no. 2354 which is route for local transportation. For local utility supply, there are local government sectors such as PEA (supply electricity) and Provincial Waterworks Authority (supply water utility) and etc.

60. There are no important historical and cultural sites within the project area. There are no records of archaeological findings.

V. ANTICIPATED ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

61. This chapter assesses the potential impacts of the proposed project on the physical and biological environment of the project area. Also provided in the Chapter is the significance of potential impacts, the recommended mitigation measures to minimize, if not eliminate, the potentially adverse impacts and the residual impacts.

A. Construction Phase Impacts

62. Impacts during the construction are likely to be limited within the project site and short term such as the following:

63. **Air Emission.** The most significant change to air emissions resulting from the activity is likely to be an increase in air pollution from construction phase vehicle movements and disturbance of soil during road and foundation construction. In the dust volume assessment (Box Model), the result revealed that dust volume in the air is maximum 154.312 μ g/m³ which is less than the standard value (330 μ /m³). The project has prepared mitigation measures and the expected impact should be low.

64. **Noise Emission.** During the construction period, the Project prohibits loud noise generating construction activities to be operated during the period of 7.00 pm to 07.00 am. The noise impact assessment is then carried out only during the daytime period (07.00 am - 07.00 pm) by identifying loud noise generating activities during the construction period to be machinery operation. Projected calculation of the noise level measurement covering the 7 sensitive areas has indicated that noise level will be between 49.8 and 58.9 dB(A) values are still within the standard limit of not exceeding 70 dB(A) which follows Ambient Noise Standard

according to Notification of Environmental Board No. 15 (B.E. 2540, 1997) which is shown in Table 9.

Station	Distance for the Project site (meter)	evel during Constru Noise Level Around the Project Area During Construction (dBA)	Exising Noise Level (dBA) ^{1/}	General Noise Level After the Project Development (dBA) ^{2/}
1. Ban Bu Chanuan School (N1)	1,084	47.6	50.7	52.4
2. Ban Sap Hang Community Hall (N2)	834	49.9	49.7	52.8
3. Ban Sap Charoen Suk School)N3)	1,167	47.0	55.9	56.4
4. Puttakijjaram Temple (N4)	2,500	40.4	50.5	50.9
5. Tepnimitwanarak House of Prist (N5)	2,167	41.6	58.8	58.9
6. Ban Wangtatep School (N6)	2,084	41.9	56.1	56.3
7. Buakeawputtawas Temple (N7)	1,917	42.7	48.9	49.8
	Standard	ł	1	70.0 ^{3/} , 70.0 ^{4/}

hle 9. General Noise Level during Construction Period

Source: Greener Consultant Co., Ltd., 2014

Remarks: ^{1/}Noise Measurement done from 2-5 April 2014; ^{2/}Noise Level from Construction activities and Existing Noise Level of Sensitive Receptors;

³/Notification of National Environment Board No. 15 (B.E. 2540).,

^{4/}Notification of Guidelines for Community Noise, World Health Organization (WHO), 1999.

65. Moreover, results of nuisance noise level measurement met the noise and vibration standards of Notification of Environmental Board No.15 B.E. 2540 (1997) as shown in Table 10. Moreover, the project has determined to stop nuisance activities from 7.00 p.m. to 7.00 a.m., to have good public relations and at the same time require labourers to wear proper personal noise equipment (e.g. ear plug, ear muff) to reduce the impact. Therefore, the impacts could be accepted.

Table 10: Result of Nulsan		Nuisance Niose	Nuisance Noise Level				
		After Constraction	During Construction				
Sensitive Receptor	Date	dB(A)	Period dB(A)				
		Day Time	Day Time				
		(6:00-22:00) ^{1/}	(6:00-22:00) ^{1/}				
	2 - 3 April 2014	-2.1 to 9.2	2.8 to 10.0				
1. Ban Bu Chanuan School (N1)	3 - 4 April 2014	0.3 to 5.7	2.9 to 7.0				
	4 - 5 April 2014	-1.6 to 5.3	4.2 to 7.5				
	2 - 3 April 2014	-5.2 to 0.2	1.3 to 9.2				
2. Ban Sap Hang Community Hall (N2)	3 - 4 April 2014	-5.8 to 3.0	0.8 to 9.7				
	4 - 5 April 2014	-4.7 to 3.6	1.5 to 13.6				
	2 - 3 April 2014	-6.4 to -2.5	-5.8 to -1.9				
3. Ban Sap Charoen Suk School (N3)	3 - 4 April 2014	-6.1 to 2.0	-4.5 to 6.1				
	4 - 5 April 2014	-6.4 to -0.3	-0.1 to -5.5				
	2 - 3 April 2014	-5.0 to 0.1	-4.2 to 2.9				
4. Puttakijjaram Temple (N4)	3 - 4 April 2014	-4.0 to 6.1	-3.2 to 6.6				
	4 - 5 April 2014	-17.8 to 4.2	-10.9 to 4.6				
	2 - 3 April 2014	1.8 to 16.3	2.0 to 16.3				
5. Tepnimitwanarak House of Prist (N5)	3 - 4 April 2014	1.3 to 13.6	1.9 to 13.8				
	4 - 5 April 2014	3.0 to 15.8	3.2 to 15.8				
	2 - 3 April 2014	-2.1 to 14.3	-0.8 to 14.3				
6. Ban Wangtatep School (N6)	3 - 4 April 2014	5.4 to 7.6	5.7 to 7.8				
	4 - 5 April 2014	3.1 to 10.0	3.7 to 10.1				
	2 - 3 April 2014	-2.9 to 9.0	-1.6 to 9.6				
7. Buakeawputtawas Temple (N7)	3 - 4 April 2014	-4.8 to 4.6	-2.2 to 6.3				
	4 - 5 April 2014	-5.7 to 3.5	-3.9 to 4.0				
Standard			10 ^{1/}				

Table 10: Result of Nuisance Noise Level During Construction Period

Remark: ^{1/} Construction Activities during 06.00-19.00 No Construction Activities during 19.00 -06.00 u.

^{2/} Notification of National Environment Board No.29 (B.E.2550)

Topic Nuisance Noice

Source: Greener Consultant Co., Ltd., 2014.

66. **Wastewater Management.** The project has methods to manage wastewater through construction of temporary water drainage system along the same line with permanent water drainage system for rainfall drainage. Moreover, the project will provide portable toilets for labourers to avoid the release of sewage within the study area. Therefore, the impacts on surface water and groundwater are considered unlikely to cause environmental nuisance.

67. **Land Utilization.** The project area is not in the city planning specified by Department of Public Works and Town & Country Planning. Therefore, impact on land utilization should be low.

68. **Traffic Management.** For traffic assessment of Highways no. 2354, the results illustrated that the traffic conditions low vehicle and pedestrian movement. CWF required the contractor to train all drivers to limit velocity/speed and weight of vehicles during delivery of equipment at site. Therefore, the impact should be low.

69. **Water Supply.** During the construction period, water will be bought and stored in the project area for drinking water consumption. The Contractor will prepare sufficient bottled waters for labourers. Therefore, the impact on ground water utilization should be low.

70. **Power Supply.** The project will purchase electricity from PEA. Therefore, the impact on electricity use of communities should be low.

71. **Solid Waste Management.** Solid waste generated by labourers is estimated to be 200 kg/day. Rubbish bags or containers are prepared for collecting solid waste. Then, company licensed by government sector will take it to eliminate. Therefore, the impact should be low.

72. **Occupational Health and Safety.** During the construction period, the occupational health and safety plan will be prepared by the project owner to prevent accident by eliminating or reducing conditions that may cause accidents from employees, machine or work environment. Moreover, the project will monitor and control the contractor to strictly follow the safety plan. The tender and bid document and contractor's contract documents will include clear provision to achieve this. If implemented and monitored properly, the, impact on occupational health and safety is expected to be low.

73. Below are the highlights of the Occupational health and safety of civil workers and local people. The occupational health and safety plan is established to include 3 categories such as: (i) General Occupational Health and Safety, (ii) Fire Prevention and (iii) Emergency Plan.

1. General Occupational Health and Safety

74. The Project has established its occupational health and safety measures for a contractor to follow as operating procedures that are described below.

a. Safety in Workplace

- (i) Clearly identify boundary of construction area and indicate with signs showing boundary, dangers, and all prohibitions. All prohibitions will be strictly followed throughout the construction period.
- (ii) Post symbol sign and warning sign in potentially danger area such as "machine substitution is in process", "danger", and hang "do not turn on switch" at switch position. Signs used must be of standard size and post in a noticeable area.
- (iii) A contractor must adequately provide appropriate fire suppression system. Fire alert, fire fighting water, and extinguisher must be routinely inspected to ensure it's in good condition at all times.
- (iv) A contractor must assign a safety officer as a person who is responsible for conducting safety inspection of construction activity and implementation of safety rules.
- (v) A contractor must report information on occurrence of accidents within the project area and adjacent area. Information should be accompanied with evidence and documentation. Specifically, the information must be reported to the Project immediately when there is severe injury or death.

b. Personal Safety

- (i) Indicate in a service contract that a contractor must clearly establish operating procedures for equipment to ensure safety during the construction period with at least must cover the law on labor such as Notification of Ministry of Interior, etc.
- (ii) Post symbol sign for the laborers or workers to wear the proper personal protection equipment (PPE) within the designated construction areas.
- (iii) Strictly supervise all workers of a contractor to wear personal protective equipment that is suitable for job condition such as ear muffs, ear plugs, safety helmet, safety shoes, gloves, welding mask, etc.
- (iv) Organize safety training for all workers of a contractor to ensure safety during construction. The Project will specify topic and detail of the training.
- (v) Arrange first-aid and primary care such as preparation of first-aid kit, first-aid personnel, and arrangement of a standby vehicle for transferring injured person to nearby hospital.

c. Safety regarding Equipment and Machinery

- (i) Organize safety training for all workers of a contractor to ensure safety. The project will specify topic and detail of the training.
- (ii) Check all equipment and machineries before using.

d. Safety Checking

Safety officer is responsible to check and control the construction to ensure safety. Moreover, safety officer must report information on occurrence of accidents within the project area and adjacent area and suggest the resolutions to contractor.

2. Fire Prevention

75. Portable Fire Extinguishers are installed in several appropriate areas such as control room and substation. Type and size to be installed will be in accordance with NFPA standard and check the efficiency every 3 months.

3. Emergency Plan

76. The Project has established its emergency plan to ensure that all employees realize their roles when an emergency occurs to prevent chaotic events. The plan is also promoted about safety measures for employees while being in an emergency. The emergency plan consists of the following.

- (i) Operating Procedure. Practically, all employees must follow the plan strictly, are not allowed to take any risk, if not necessary, and try to save their lives as much as possible. In addition, all employees must participate in an emergency rehearsal by imitating several potential incidents that may occur within the Project area. Employees of maintenance and operation division must be trained on basic fire fighting procedure and put on practice regularly.
- (ii) Levels of emergency can be divided into 2 following levels.
 - Emergency Level 1: it is an emergency that occurs within the project and has no impact on surroundings. The designated emergency coordinator can control the situations and damages within specified area by only employing the Project's personnel and emergency tools prepared within the project.
 - Emergency Level 2: it is an emergency that may occur both within the project area and surroundings. The designated emergency coordinator assesses the situation and decides that emergency plan prepared for Emergency Level 1 cannot keep the situation under control and it is necessary to request for assistance from outside agencies such as Subdistrict Administrative Organization etc.
- (iii) Duty and Responsibility

77. Scope of employee's duty and responsibility and procedure of in the emergency plan is shown in Figure 10.

78. As the project's adverse environmental and social impacts can be mitigated, the local communities and community leader did not oppose to the project. However, they recommended that the project should support community development and cultural activities.

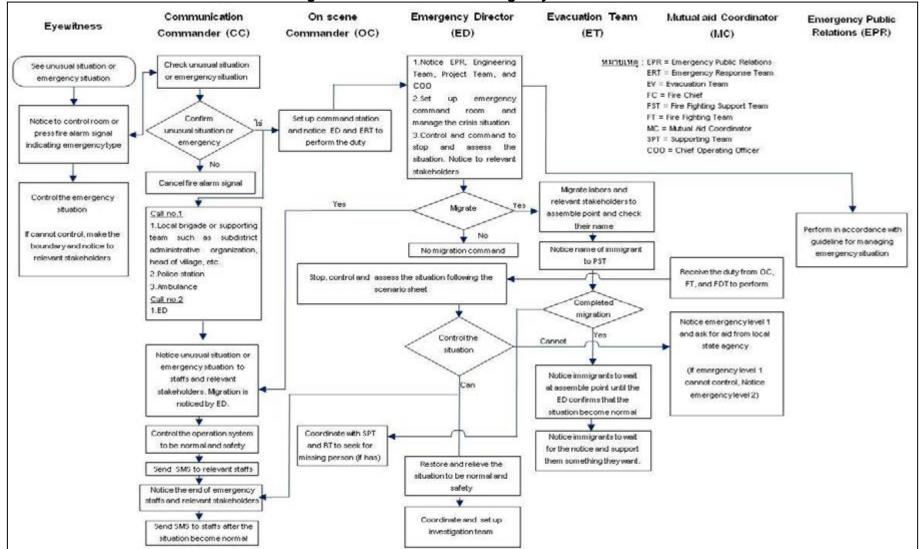


Figure 10: Procedures of Emergency Plan

B. During Operation

79. Production process of the project does not have air pollution sources because there is no fuel burning. Therefore, the project has a positive impact.

80. **Noise Emission.** SPM9613 Model of Power Acoustics, Inc.PMB302, 12472 Lake Underhill Rd Orlando, FL was applied to predict the equivalent continuous sound level during a 24 hour period (Leq 24 hr). The model predicted four (4) case studies according to wind speed: Case 1 (5 m/s), Case 2 (6 m/s), Case 3 (7 m/s), and Case 4 (8-10 m/s). The results illustrated that all values were not over 70 dB(A) which met the Ambient Noise Standards according to Notification of Environmental Board B.E. 2540 (1997). Refer to Table 11 and Figure 11 to Figure 14.

Table 11: General Noise Level (Leq 24 hr.) during Operation Period

		General Noise Level dB(A)							
Sensitive Receptor	Exisingtin gNoise	SPW9013		Total Noise Level					
	Level	Case1 ^{2/}	Case 2 ^{2/}	Case 3 ^{2/}	Case4 ^{2/}	Case1 ^{2/}	Case 2 ^{2/}	Case 3 ^{2/}	Case4 ^{2/}
1. Ban Bu Chanuan School (N1)	50.7	37.4	38.4	39.4	40.4	50.9	50.9	51.0	51.1
2. Ban Sap Hang Community Hall (N2)	49.7	39.2	40.2	41.2	42.2	50.1	50.2	50.3	50.4
3. Ban Sap Charoen Suk Schoo (N3)	55.9	30.9	31.9	32.9	33.9	55.9	55.9	55.9	55.9
4. Puttakijjaram Temple (N4)	50.5	20.0	21.0	22.0	23.0	50.5	50.5	50.5	50.5
5. Tepnimitwanarak House of Prist (N5)	58.8	21.6	22.6	23.6	24.6	58.8	58.8	58.8	58.8
6. Ban Wangtatep School (N6)	56.1	24.6	25.6	26.6	27.6	56.1	56.1	56.1	56.1
7. Buakeawputtawas Temple (N7)	48.9	27.6	28.0	29.6	30.6	48.9	48.9	49.0	49.0
8. Project site (WTG11) (N8)	48.1	48.7	49.7	50.7	51.7	51.4	52.0	52.6	53.3
^{1/} Standard		70 ^{1/} , 70 ^{3/}							

Remark: ^{1/} Notification of National Environment Board No.15 (B.E.2540) Topic : General Noise Level Standrad

 $^{\mbox{\tiny 2/}}$ Case 1: Noise level at wind speed 5 m/s

Case 2: Noise level at wind speed 6 m/s Case 3: Noise level at wind speed 7 m/s

Case 4: Noise level at wind speed 8 m/s

³/ Notification of International Finance Corporation (World Bank Group) (2007)

Source : Greener Consultant Co., Ltd, 2014.

For nuisance noise level measurement, the results met noise level standards of Notification of Environmental Board No.15 B.E. 2540 (1997) (refer to Table 12). The project has determined to have good public relations, to prepare staffs to wear the personal noise equipments (e.g. ear plug, ear muff) and to make noise monitoring contour map to further assess possible noise impact during operation.

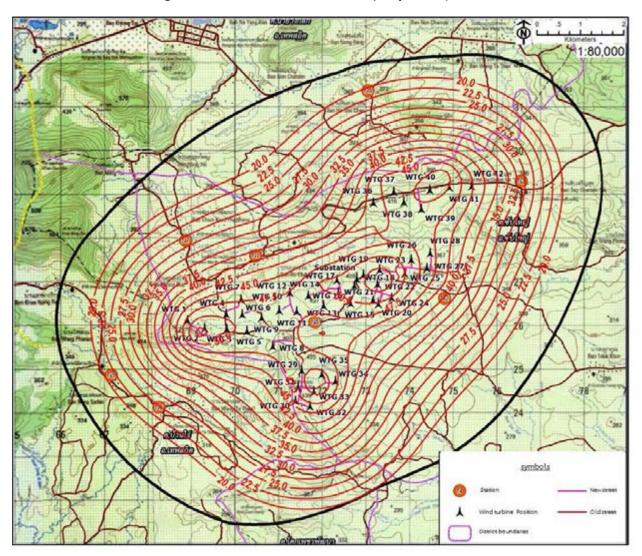


Figure 11: Noise Level Contour (Leq 24 hr.) Case1

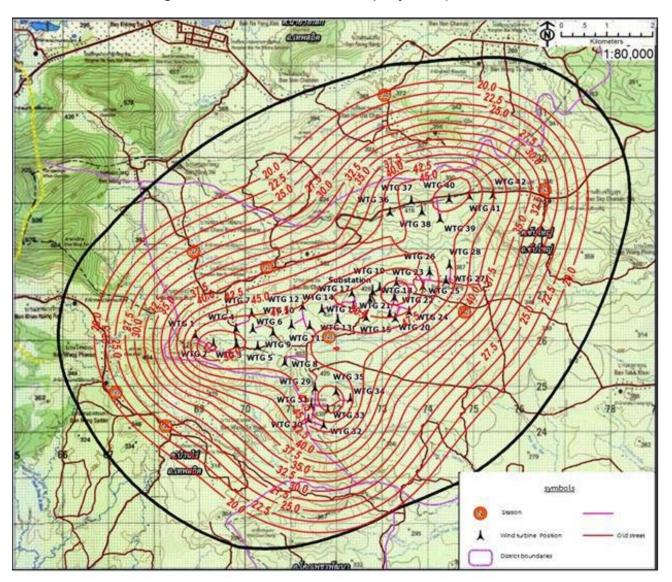


Figure 12: Noise Level Contour (Leq 24 hr.) Case2

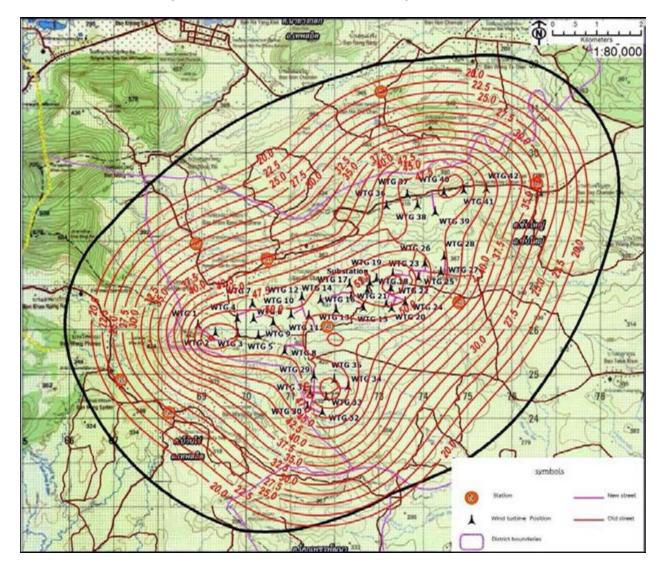


Figure 13: Noise Level Contour (Leq 24 hr.) Case 3

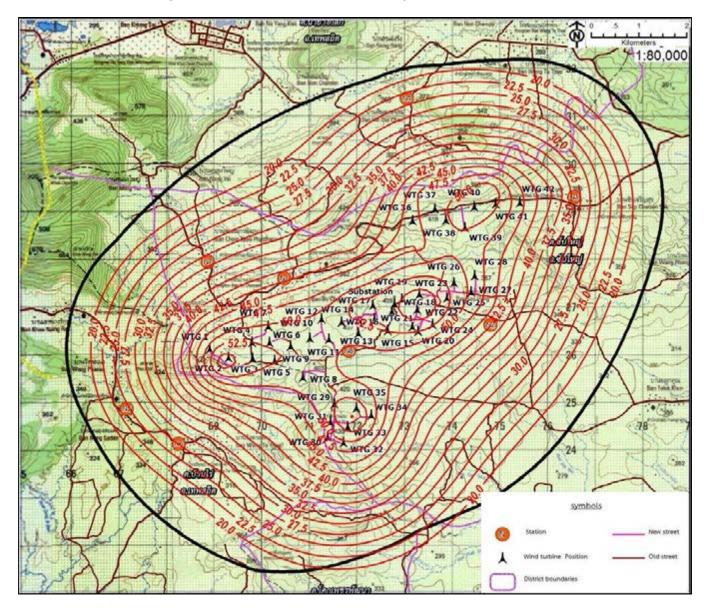


Figure 14: Noise Level Contour (Leq 24 hr.) Case 4

		Maximum Specific Noise Level dB(A)				
Sensitive Receptor	Measurement Results Minimum Leq 24 hr. dB(A)	Measurement Results Maximum Leq 24 hr. dB(A)	The Noise Assessment Result from SPM9613 dB(A)	Total Noise Level After Construction	Noise Level After Development dB(A)	
1. Ban Bu Chanuan School (N1)	49.8	50.7	37.4	50.9	1.1	
2. Ban Sap Hang Community Hall (N2)	48.4	49.7	39.2	50.1	1.7	
3. Ban Sap Charoen Suk School (N3)	52.9	55.9	30.9	55.9	3.0	
4. Puttakijjaram Temple (N4)	48.0	50.5	20.0	50.5	2.5	
5. Tepnimitwanarak House of Prist (N5)	54.2	58.8	21.6	58.8	4.6	
6. Ban Wangtatep School (N6)	53.2	56.1	24.6	56.1	2.9	
7. Buakeawputtawas Temple (N7)	46.5	48.9	27.6	48.9	2.4	
Standard	70.0 ^{1/} , 70.0 ^{3/}				10.0 ^{2/}	

Table 12: Specific Noise Level During Operation Period

^{1/} Notification of National Environment Board No.15 (B.E.2540) Topic : General Noise Level Standard ^{2/} Notification of National Environment Board No.17 (B.E.2543) Topic : Nuisance Noise Level Standard ^{3/}Notification of International Finance Corporation (World bank group) B.E. 2550 (2007) <u>Remark</u>:

Source : Greener Consultant Co.,Ltd, 2014

81. **Waste water Management.** The project has suitable methods to manage wastewater by providing septic tanks. Moreover, CWF will buy and store raw water in the project area for consumption only. As a result, the impact on surface and groundwater should be low.

82. **Biological Resources.** The project area is an agricultural area that can still support many kinds of domestic animals that can move outside the immediate project area. Therefore, the impact on biological resources should be low.

83. **Employment Generation.** During the operation period, CWF plans to hire local people who have are experienced and qualified to fill up required positions.

84. **Landscape and Visibility.** The project area does not have important tourist places. Moreover, the project will change the landscape from agricultural areas and vacant area to wind power plant area which can be a potential eco-tourism destination. A green area will be set up to maintain surrounding environment and build a good landscape.

85. **Shadow Flicker.** Shadow flicker means alternating changes in light intensity due to the rotating wind turbine blades case on the ground that will disturb local people living around the project area. The Planning Guidelines of Department of Environment, Heritage and Local Government of Germany recommended that shadow flicker at neighboring offices and dwellings within 500 m should not exceed 30 hours per years or 30 minutes per day.

86. WindPro Model has been applied to predict shadow flicker impact of the project. There were total 6 observation areas: 1. Ban Bu chanuan school, 2. Ban Sap Hang Community Hall, 3. Ban Sap Charoen Suk School, 4. Tepnimitwanarak House of Prist, 5. Ban nong buae and 6. Banwangtatep School (refer to Figure 15). The results revealed that 6 observation areas receive shadow flicker less than 30 hours per years as shown in Table 13 and Figure 16. The shadow flicker model results are shown in Appendix III. The proposed wind farm will have 42 turbines and is situated far from any population so this issue does not require any special attention as there is no population setting directed directly towards the wind turbine tower.

Community	Distance from the	Predicted Shadow Flicker	The Highest Shadow Flicker per Day	Predicted Shadow Flicker per year
	Project site (hours/year)		(Minute)	(day)
SF1 : Ban Bu chanuan school	1,084	0 (No Shadow)	0 (No Shadow)	0 (No Shadow)
SF2 : Ban Sap Hang Community Hall	834	0 (No Shadow)	0 (No Shadow)	0 (No Shadow)
SF3 : Ban Sap Charoen Suk School	1,167	0 (No Shadow)	0 (No Shadow)	0 (No Shadow)
SF4 : Tepnimitwanarak House of Prist	2,167	0 (No Shadow)	0 (No Shadow)	0 (No Shadow)
SF5 : Ban nong buae	1,917	0 (No Shadow)	0 (No Shadow)	0 (No Shadow)
SF6 : Banwangtatep School	2,084	0 (No Shadow)	0 (No Shadow)	0 (No Shadow)
Standard1 ^{1/}		Not over 30 hours	Not over 30 Minutes	-

Table 13: Shadow Flicker Result from WindPRO Model

Remark :^{1/}German guidelines, 2002

(Hinweise zur Ermittlung und Beurteilung der optischen Immissionen von Windenergianlagen (WEA-Shattenwurf-Hinweise), 2002) <u>Source</u>: Greener Consultant Co.,Ltd, 2014

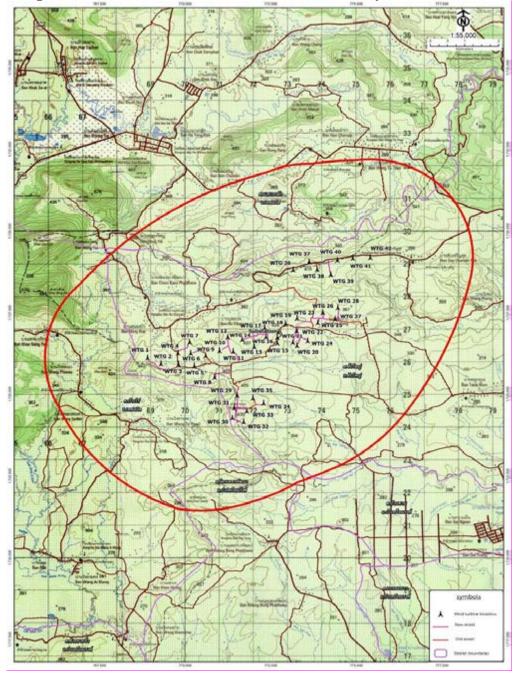


Figure 15: Observation Area for Shadow Flicker Impact Assessment

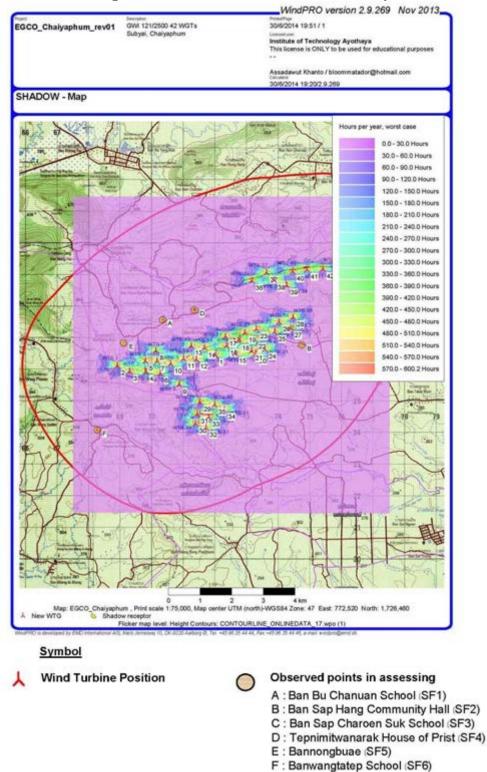


Figure 16: Shadow Flicker Simulation Map

VI. ANALYSIS OF ALTERNATIVES

87. The project's feasibility study reviews the technical aspects and conceptual design between Doubly Fed Induction Generator (DFIG) and Permanent Magnet Direct Drive (PMDD). The Goldwind 2.5 MW (PMDD) of Goldwind International Holdings (HK) Limited was chosen based on the specification, wind potential of the project site, the cost and benefits.

VII. INFORMATION DISCLOSURE, CONSULTATION AND PARTICIPATION

88. The success of any project will depend largely on the social acceptance of the community within its area of operation. In securing the support and acceptance of the community, they should be informed and involved in decision making process by seeking their views, concerns and suggestions on different project aspects that may directly or indirectly affect them.

89. A consultation meeting was organized by CWF at the Subyai District Office last 20 June 2014 (8:30am to 12:00 noon) to: (a) present information about the project and the result of initial environmental assessment to the community residing near the project area to ensure understanding and awareness, (b) to seek the view and comments of the community about the project and its potential impact, (c) to build a good relationship between the sponsor and the community by providing a venue where project and issues related to it can be discussed, and (d) to gather comments and suggestions from the public which can serve as basis in formulating mitigation measures. The proceedings will also serve as basis in preparing a report for submission to Thailand Greenhouse Organization (Public Organization) (TGO).

A. Information Disclosure

90. The project sponsor prepared presentation materials to inform the community and stakeholders of the following: (a) project description, (b) results of initial environmental assessment including sampling points for determination of environmental quality regarding air, water, and noise level, (c) global warning effect and carbon credits, (d) details of project's implementation, (e) wind power production process, (f) project's implementation schedule, (g) environmental management and mitigation measures, and (h) project's benefit. Contact information of CWF staff was also provided to the participants in case there are questions and complaints from the public.

91. The public consultation was attended by 279 peoples³ (Males, 131 and Females, 142) (refer to Figure 17 and Appendix 5) and the information provided led to the following opinions towards the project, including concerns/suggestions:

Table 14: Highlights of Public Consultation

³ The following attended the public consultation: community leaders and members, government officials and representatives – Subyai District, Nayangklak Sub-district, Ban Rai Sub-district, Khokphet Pattana Sub-district, Local Environment Office, local energy group representative, representative from local agriculture group, school teachers, and monks.

Issues Raised/Comments	Response from the Project Sponsor
	For ALRO land, the project will apply land
How the project will consider the rate for rent the land to build the wind turbine and building road	lease rate according to the ALRO regulations. For non-ALRO land it will be according to the agreement between the project company and land holder.
Benefits that the community can gain from the project	Aside from having a clean energy source, the participants were informed of potential employment opportunities for local community members during project construction. Small development activities/projects will also be implemented by the project sponsor.
Impact of the project in terms of land utilization near the project site.	It was confirmed with the community that there is no restriction on utilization of land near the project area for as long as crops/trees that will be planted will not exceed 5 meter height. The project site and the area near it are utilized for cassava production and there are no timbers grown in the area. The farmers can still plant cassava but as mentioned before, planting of trees above 5 meters near the site will not be allowed.
When the Project will start and complete for construction	The Project will start in December 2014 until July 2016.
The project should promote to educate youth in schools in order to build a sustainable knowledge	It was already in the planned of the project.
How much noise level is dangerous for health.	It is about 90 decibel

Figure 17: Public Consultation Meeting on 20 June 2014 at Subyai District, Chaiyaphum



B. Conduct of Survey and Results

92. A perception survey was conducted by the project sponsor to be able to know what people think about the project and gauge project acceptability. Three hundred fifty-five (355) (Males, 144 and Females, 211) local residents were interviewed and results are as follows:

93. **Perceived Impact of the Project.** Majority of the respondents think that noise will not be an issue and that the project will not negatively affect soil quality in the area. Majority of the respondents are not expecting the following negative impacts to be caused by the project: negative impact on biodiversity, wastewater, poor public health and bad odour within the project area.

94. **Anticipated Benefits from the Project.** When asked what the expected benefits are, majority of the respondents gave the following answers: alleviation of global warming (72%), stable and clean energy source (58%), and assistance to poor children (55%), employment opportunity during construction (70%).

95. Eighty seven percent (87%) of the respondents find the project acceptable and appreciated. The release of the information will be used as a channel / Information about the results of the project showed that (88.7%) want to inform community leaders. Followed by (4.8%) to project needs clarification 29% of the respondents expect the project sponsor to support / improve the infrastructure of the village.

VIII. GRIEVANCE REDRESS MECHANISM

96. A Grievance Redress Mechanism (GRM) has been devised to provide a venue to discuss issues through conflict resolution and address issues adequately. During project construction and operation, a community relations (CR) officer who will be posted at the site office will be responsible in receiving and handling complaints or query regarding the project.

97. **Management of Complaints or Query.** A community member can approach the CR officer anytime for complaints or query. A formal complaint (letter) can also be sent (a complaints box will also be provided in the CR office) to the CR officer or the Plant Manager for timely appropriate action. Any complaint filed will be immediately handled and targeted to be settled by the CR officer within 5 working days. The CR officer will be reporting regularly to the Plant Manager to ensure that all issues are handled adequately and matters requiring management decision can reach CWF the soonest possible time.

98. The CR officer will be maintaining a Record Book to keep track of the following: (a) date of the complaint, (b) details about the complainant (name and contact information), (c) description of grievance, (d) actions taken, (e) follow up requirements, and (f) the target date for the implementation of the mitigation measures, if there are any. The record book will include a narrative on the actual measures/process undertaken to handle or mitigate these concerns.

99. An Information Board visible to the community will also be made available to update the community of the ongoing project activities.

IX. ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN

100. This chapter outlines the environmental and social management plan (ESMP) and defines the institutional arrangements required for the implementation of the plan. This ESMP also presents the environmental monitoring requirements for different phases of the project. ESMP during the construction and operation period is shown from Table 15 to Table 17 and also refer to **Figure 10**.

101. **Objectives of ESMP.** This ESMP provides the delivery mechanism to address the adverse environmental and social impacts of the proposed project during its implementation, to enhance project benefits, and to introduce standards of good practices to be adopted during all project stages.

102. The primary objectives of the ESMP are to:

- (i) Facilitate the implementation of the mitigation measures identified in this report;
- (ii) Define the responsibilities of the project proponents, contractors, and environmental issues among them;
- (iii) Define a monitoring mechanism and identify monitoring parameters in order to:
 - Ensure the complete implementation of all mitigation measures;
 - Ensure the effectiveness of the mitigation measures; and
 - Provide a mechanism for taking timely action in the face of unanticipated environmental or social situations

103. This ESMP provides the delivery mechanism to address the adverse environmental and social impacts of the proposed project during its implementation, to enhance project

benefits, and to introduce standards of good practices to be adopted during all project stages.

104. CWF will designate the Plant Manager as the Environment, Health and Safety (EHS) Officer. He will ensure that all personnel adhere to general environmental protection measures and specific mitigation measures as reflected in the ESMP are properly implemented. The Field Technical Officer will support the EHS Officer during construction and operation of the project. The Contractor will be subject to certain liabilities under the environmental laws of the country and under its contract with CWF.

105. During the operation phase of the proposed project, environmental management will become a routine function, as an integral part of the O&M activities. Goldwind and ITE will provide support to CWF within 15 years in terms of operation and maintenance of the project and its facilities. The estimated environmental monitoring cost for this project is 210,000 bath per year.

106. This project can reduce gas emissions 2,302,560 tons CO₂. Details are as follows.

Assumption:

- crediting period: 25 years
- Total Electricity Output for 25 years = 3,690,000 MWh
- baseline methodology: 1 MWh of electricity from fossil fuels was 0.624 tons CO2
- CO₂ Emissions (tons CO₂) = Power Generation (MWh) x Emission Factor (Tons CO₂/MWh)
- CO₂ Emissions (tons CO₂) = Zero Project Emissions

Total CO ₂ Emissions (tons CO ₂)	=	3,690,000 MWh x 0.624 tons $CO_2/MWh^{/1}$
	=	2,302,560 tons CO ₂
E _{redn}	=	E _{base} - E _{project}
	=	2,302,560 tons CO ₂ - 0
E _{redn}	=	2,302,560 tons CO ₂
	P 1	

Source : 1. http://www2.dede.go.th/cdm/baseline.htm

Table 15: Environmental Impact Prevention and Mitigation Measures for Construction Period

Impact	Environmental impact preventive and corrective measures	Location	Period
1. Air quality	 The trucks shall be covered or bonded to prevent the fall of construction materials or dust dispersion. 	- Transport route and project areas	- Throughout
	 Spray water on construction areas to reduce the spread of dust from construction activities. 	- Project areas	- Throughout
	 Within the project areas, a speed must be limited by 40 km/h. 	- Project areas	- Throughout
	 Inspect, maintain or check the machine used in the construction for the specified period. (As specified in the instructions). 	 Equipment/machine in construction areas 	- Throughout
	 Prevent dirt and sand on the wheels of trucks while leaving the project areas. 	- Transportation vehicles	- Throughout
	 Scraps or garbage burning are prohibited in the project areas. 	- Project areas	- Throughout
2. Noise level	 Construction activities that cause noise will be prohibited in the period of 7 pm to 7 am. 	 Project areas 	- Throughout
	 Provide personal hearing protectors such as earplug or ear muff for the construction workers who work in loud noise condition. 	 Project areas 	- Throughout
	 Inspect, maintain or check the machine used in the construction for the specified period. (As specified in the instructions). 	 Project areas 	- Throughout
	- The Contractor shall install temporary fence at the boundary adjacent to sensitive	 Project areas 	- Throughout

Impact	Environmental impact preventive and corrective measures	Location	Period
	area before proceeding the construction		
3. Water quality	 Provide toilet and sanitized sewerage system sufficiency for numbers of construction workers. 	 Project areas 	- Throughout
	 Requires the contractor to prepare temporary water drainage system in consistent with a permanent drain. 	- Project areas	- Throughout
	 Discharging garbage to public water resources is strictly prohibited. 	 Project area 	- Throughout

Table 15 (Continue)				
Impact	Environmental impact preventive and corrective measures	Location	Period	
4.Transportation	- Cooperate with the Department of Highways and/or the relevant authorities to	- Transport routes and project	- Throughout	
	facilitate the transportation of equipment and machine to the project areas.	areas		
	- Avoid equipment and machine transportation for the installation of wind turbines	- Transport routes and project	- Throughout	
	during rush hours (7 - 8 am and 5 - 6 pm).	areas		
	- Train the drivers for transportation of materials, equipment and workers to follow	- Project areas	- Throughout	
	the traffic laws strictly.			
	- Within the project areas, a speed of transportation must be limited by 40 km/h.	- Transportation routes	- Throughout	
	- In order to prevent damage to the road surface, trucks load must be limited the	- Project areas	- Throughout	
	standards or laws.			
	- Organize traffic system in the project areas and provide staffs to facilitate in the	- Project areas	- Throughout	
	project areas.			
	- Advance publicity and notification to the relevant authorities are required in the	- Nearby communities	- Throughout	
	case of transportation of large equipment, thus villagers could be able to use			
	alternative routes.			
	- The condition of machinery and vehicles must be checked every time before use	 Equipment and vehicles 	- Throughout	
	to ensure safety in transportation.			
	- All drivers must have a driving license in accordance to vehicle type.	- Transport routes and project	- Throughout	
		areas		
	- A survey must be done prior to transportation including reconditioning of road by	- Transport routes and project	- Throughout	

Impact	Environmental impact preventive and corrective measures	Location	Period
	the engineering team to ensure safety transportation.	areas	
	- Provide a coordinated team in case of an accident during equipment	- Transport routes and project	- Throughout
	transportation in order to ensure that the problem will be solve timely.	areas	
5. Waste	- Waste bags or bins will be provided. The collected waste will be send to the	- Project areas	- Throughout
management	agencies which are authorized by the government for further disposal.		
	 Dispose of wastes into drainage is prohibited. 	- Project areas	- Throughout
	- The staffs are responsible for the collection of waste in the project areas must be	- Project areas	- Throughout
	assigned.		
	 Recycle wastes shall be separated before sell to buyers. 	- Project areas	- Throughout
	- Coordinating with the agencies which are authorized by the government to collect	- Project areas	- Throughout
	and transport the waste to disposal.		

Impact	Environmental impact preventive and corrective measures	Location	Period
6. Economic and Social	 Coordinate with community leaders and notify project schedule including starting date until finishing date before start construction activities. Also communicate by sending a letter or press release. 	 Project areas and nearby communities 	- Throughout
	 Compliance with environment impact preventive and corrective measures strictly for the benefit of the surrounding communities. 	 Project areas and nearby communities 	- Throughout
	 Monitoring to ensure that construction workers are clear of illegal behaviors such as theft, drugs, gambling by placing the rules, regulations and penalties. 	 Project areas and nearby communities 	- Throughout
	 Establish good relations with local communities e.g. community visits, prepare publicity materials such as brochures, newsletters to advertise the details of project and progress report. 	 Project areas and nearby communities 	- Throughout
	- Inform the public of the schedule prior to construction. Particularly, ensure that during the transportation of construction materials through the community, it will not disturb deity life of communities.	 Project areas and nearby communities 	- Throughout
	 not disturb daily life of communities. Establish a community relations team to monitor social impact and taking care of complaints occurred during construction. 	 Project areas and nearby communities 	- Throughout

Table 15 (Continue)

Impact	Environmental impact preventive and corrective measures	Location	Period
7. Public health	- To prevent the spread of diseases, the measures are listed as follows:	- Project areas	- Throughout
	* Clean drinking water for workers shall be provided.		
	* Waste must be sanitarily disposed.		
	* The bathroom-toilet must be prepared sufficiently.		
	- Compliance with the measures of air quality, noise, solid waste management,	 Project areas 	- Throughout
	occupational health and safety.		
	- Prepare first aid station with basic medical needs and a vehicle for transfer the	 Project areas 	- Throughout
	patient to the hospital immediately in the event of an emergency or accident.		
8.Occupational	- The details of the safety management in contractor's agreement must cover the	- Project areas	- Throughout
Health and	safety and health of workers work in the project.		
Safety	- Compliance with laws on health and safety in work e.g. Standard of Safety	- Project areas	- Throughout
	Occupational Health and Working Environment for Construction Work B.C. 1998,		
	Ministry of Interior.		
	- Comply with the regulations on the standard and administer and manage safety,	- Project areas	- Throughout
	occupational health and working environment such as Labour Protection Act B.E.		
	2541 (A.D. 1998)	- Project areas	- Throughout
	- Warning signs in dangerous zone must be placed, such as "Machine installing",		
	"Do not turn the switch on", "Construction zone" and "Wearing helmet area".	- Project areas	- Throughout
	- Provide security guard for 24 hours to patrolling and controlling of traffic in the		

Impact	Environmental impact preventive and corrective measures	Location	Period
	 project areas. Provide training for staff on tools, equipment and machinery working instruction. 	- Project areas	- Throughout
	 Provide training for star on tools, equipment and machinery working instruction. Provide and enforce to equip personal protective equipment for workers specific 	- Project areas	- Throughout
	 to work condition. Requires supervisor to monitor the compliance or safety requirements. 	- Project areas	- Throughout
	 Providing adequate and appropriate firefighting system and set up a plan to monitor the condition. 	- Project areas	- Throughout
	 Requiring safety training for construction workers to ensure safe operation during construction. 	- Project areas	- Throughout
	 The contractor must record statistics and details of the accidents in project areas. 		

<u>Note</u> : Project owner through EHS Manager is responsible for ensuring that the mitigating measures are implemented by contractor.

Table 16: Environmental Impact Prevention and Mitigation Measures for Operation Period

Impact	Environmental impact preventive and corrective measures	Location	Period	Responsible
1. Noise level	 Check and maintain machine according to the requirements to prevent noise from machinery. 	- Project areas	- Operation period	- Project owner
	 Conduct noise contour map after the operation and utilize the result to manage the noise environment. 	 Area adjacent to project areas 	- Within 1 year after operation	- Project owner
	 Control the speed of a vehicle in the project areas by placing speed and noise limit sign. 	- Project areas	- Operation period	- Project owner
	 Provide personal protective equipment such as earplugs to workers working near wind turbines. 	- Project areas	- Operation period	- Project owner

	Table 16 (Continue)	1	1	
Impact	Environmental impact preventive and corrective measures	Location	Period	Responsible
2.Transportation	 Ensuring that drivers follow traffic laws strictly. 	- Transportation paths and project areas	- Operation period	- Project owner
	 Limit the speed of vehicles running through the community, not to exceed 60 km/h or less than the laws stated. 	- Transportation paths and project areas	- Operation period	- Project owner
	- Inspect and maintain the condition of roads to functioning safely all season.	- Project areas	- Operation period	- Project owner
	- Install the aircraft warning lights on the wind turbine tower complying with the security requirements of a building in the flight path.	- Project areas	- Operation period	- Project owner
3. Drainage and flood protection.	 Collect wastewater from the employee's consumption in a septic tank before discharge into the public drainage. 	- Project areas	- Operation period	- Project owner
	 Provide the storm water drainage to collect rainwater and flood within the project areas prior to discharge into natural resources. Monitor storm water drainage system regularly. 	- Project areas	- Operation period	- Project owner
		- Project areas	- Operation period	- Project owner

Impact	Environmental impact preventive and corrective measures	Location	Period	Responsible				
4. Waste	- Provide separate containers for 3 types of waste i.e. general	- Project areas	- Operation period	- Project owner				
management	wastes, recycle wastes and hazardous waste.							
	- Collect wastes in appropriate containers with cover lid, separate	- Project areas	- Operation period	- Project owner				
	by type of waste before contacting the agencies authorized by the							
	government to pick up for further disposal.							
	- Reuse the recycle wastes as much as possible or collect and sell	- Project areas	- Operation period	- Project owner				
	to buyers.							
5. Economic and	- Engage and support community events such as participating in	- Nearby communities	- Operation period	- Project owner				
Social	the tradition of the community to establish a good relationship							
	with the community.	- Nearby Communities						
	- Notify project general information and impact prevention		- Operation period	- Project owner				
	measures.	- Project areas and						
	- Provide a procedure for receiving complaints from the community.	nearby Communities	- Operation period	- Project owner				
6. Aesthetics	- Provide green area more than 5% of project areas.	- Project areas	- Operation period	- Project owner				

Note : Project owner is responsible for ensuring that the measures shall be implemented by contractor.

Table 17 Monitoring measures on environmental impact (Construction phase)

Parameters	Location	Frequency	Responsible
1. Air Quality			
- Ambient Air Quality	- 5 Monitoring Stations (as illustrated in Figure 9)	- Measure 3 consecutive	- Project Owner
* TSP (24 hours)	Station A1 : Ban Bu Chanuan School, Sub Yai Subdistrict,	days every 6 months	
* Wind Speed and Direction	Sub Yai District, Chaiyaphum Province	during the construction	
(1 Station)	Station A2 : Ban Sap Hang Community Hall, Sub Yai	period.	
	Subdistrict, Sub Yai District, Chaiyaphum		
	Province		
	Station A3 : Ban Sap Charoen Suk School ,Sub Yai		
	Subdistrict, Sub Yai District, Chaiyaphum		
	Province		
	• Station A4 : Puttakijjaram Temple, Na Yang Klak Subdistrict,		
	Thep Sathit District, Chaiyaphum Province		
	Station A5 : Tepnimitwanarak House of Prist Ban Rai		
	Subdistrict, Thep Sathit District, Chaiyaphum		

	Parameters	Location	Frequency	Responsible
2.	Noise level	- 8 Monitoring stations (as illustrated in Figure 9)		
	- Leq-24 hours, Leq-1 hour,	Station N1 : Ban Bu Chanuan School, Sub Yai Subdistrict,	- Measure 3 consecutive	- Project Owner
	L_{max} and L_{90} - 5 min	Sub Yai District, Chaiyaphum Province	days every 6 months	
		Station N2 : Ban Sap Hang Community Hall, Sub Yai	during the construction	
		Subdistrict, Sub Yai District, Chaiyaphum	period.	
		Province		
		Station N3 : Ban Sap Charoen Suk School ,Sub Yai		
		Subdistrict, Sub Yai District, Chaiyaphum		
		Province		
		• Station N4 : Puttakijjaram Temple, Na Yang Klak Subdistrict,		
		Thep Sathit District, Chaiyaphum Province		
		Station N5 : Tepnimitwanarak House of Prist Ban Rai		
		Subdistrict, Thep Sathit District, Chaiyaphum		
		Station N6 : Wangtatep School Prist Ban Rai Subdistrict ,		
		Thep Sathit District, Chaiyaphum Province		
		Station N7 : Buakeawputtawas Temple Sub Yai Subdistrict,		
		Sub Yai District, Chaiyaphum Province		
		Station N8 : Project area (WTG11) Sub Yai District,		
		Chaiyaphum Province		

Table 18 Monitoring measures on environmental impact (Operation phase)

Parameters		Location	Frequency	Responsible
1.	Noise level			
	- Leq-24 hours, Leq-1 hour,	- 8 Monitoring stations (Illustrated in Figure 9)	- Measure 3 consecutive	- Project Owner
	L_{max} and L_{90} - 5 min	Station N1 : Ban Bu Chanuan School, Sub Yai Subdistrict, Sub	days every 6 months.	
		Yai District, Chaiyaphum Province		
		Station N2 : Ban Sap Hang Community Hall, Sub Yai Subdistrict,		
		Sub Yai District, Chaiyaphum Province		
		Station N3 : Ban Sap Charoen Suk School ,Sub Yai Subdistrict,		
		Sub Yai District, Chaiyaphum Province		
		 Station N4 : Puttakijjaram Temple, Na Yang Klak Subdistrict, 		
		Thep Sathit District, Chaiyaphum Province		
		Station N5 : Tepnimitwanarak House of Prist Ban Rai Subdistrict,		
		Thep Sathit District, Chaiyaphum		
		Station N6 : Wangtatep School Prist Ban Rai Subdistrict , Thep		
		Sathit District, Chaiyaphum Province		
		Station N7 : Buakeawputtawas Temple Sub Yai Subdistrict, Sub		
		Yai District, Chaiyaphum Province		
		Station N8 : Project area (WTG11) Sub Yai District, Chaiyaphum		
		Province		

X. CONCLUSION AND RECOMMENDATIONS

107. The attitude of the stakeholders is generally very positive towards the project development. From the social survey and during the public consultation most of the participants agree with the project development. During the IEE preparation detailed assessment of the physical resources, biological resources, human use value and quality of life have been given careful attention. During operation, the project has proposed mitigation measures and monitoring procedures to ensure that the project will have minimal environmental and social impacts. To promote and build strong partnership with the local community CWF will establish a Grievance Redress Mechanism that will allow local people to raise their issues, concerns or complaints during project implementation.

List of Flora in the Study Area							
No.	Thai Name	Scientific Name					
1.	กระถินณรงค์	Acacia auriculaeformis					
2.	กระถินยักษ์	Leucaena glauca					
3.	กระทุ่มน้ำ	Ochreinauclea maingayi					
4.	กระท้อน	Millettia pendula					
5.	เก็ดดำ	Dalbergia assamica					
6.	านุน	Artocarpus heterophyllus					
7.	ข่อย	Streblus asper					
8.	ขี้เหล็ก	Cassia siamea					
9.	ขว้าว	Haldina corditulia					
10	คูถเ	Cassia fistula					
11	แคบ้าน	Sesbania grandiflora					
12	แคแสด	Spathodea campanulata					
13	แคหางค่าง	Markhamia stipulata					
14	ริง	Bombax ceiba					
15	จิ้วป่า	Bombax anceps					
16	จามจุรี	Samanea saman					
17	จำปี	Michelia alba					
18	เฉียงพร้านางแอ	Carallia brachiata					
19	ชิงชัน	Dalbergia oliveri					
20	ชำมะเลียง	Lepisanthes fruticosa					
21	ตะโก	Diospyros rhodocalyx					
22	ตะขบบ้าน	Flacourtia rukam					
23	ตะขบป่า	Flacourtia indica					
24	ตะแบกนา	Lagerstroemia floribunda					
25	ตีนเป็ด	Alstonia scholaris					
26	ตีนเป็ดทะเล	Cerbera odollum					
27	ไทร	Ficus sp.					
28	นนทรี	Peltophorum pterocarpum					
29	น้อยหน่า	Annona squamosa					
30	ประดู่	Pterocarpus macrocarpus					
31	ปีป	Radermachera ignea					
32	ปอยาบ	Colona flagrocarpa					
33	ผ่าเสี้ยน	Vitex canescens					
34	พฤกษ์	Albizia lebbeck					
35	เพกา	Oroxylum indicum					
36	พุทรา	Zizyphus mauritiana					
37	โพธิ์	Ficus religiosa					
38	มะกัก	Spondias bipinnata					
39	มะกอก	Spondias pinnata					
40	มะเกลือ	Diospyros mollis					
41	มะขาม	Tamarindus indica					
+I	61 e 1 1 61	ramannuus muida					

List of Flora in the Study Area

Appendix 1

42	มะขามเทศ	Pithecellobium dulce
43	มะพอก	Parinari anamense
44	มะพร้าว	Cocos nucifera
45	มะม่วง	Mangifera indica
46	มะถม	Phyllanthus acidus
47	มะเดื่อปล้อง	Ficus hispida
48	หะร์ห	Moringa oleifera
49	มะหวด	Lepisanthes rubiginosa
50	มะฮอกกานี	Swietenia macrophylla
51	ยูคาลิปตัส	Eucarliptus carmaldulensis
52	เลี้ยน	Melia azedarach
53	วาสนา	Dracaena fragrans
54	สะเดา	Azadirachta indica
55	สะแกนา	Combretum quadrangulare
56	สีเสียด	Acacia catechu
57	สนทะเล	Casuarina equisetifolia
58	สนประดิพัทธ์	Casuarina junghuhniana
59	สัก	Tectona grandis
60	หางนกยูงฝรั่ง	Delonix regia
61	หูกวาง	Terminalia catappa
62	หว้า	Syzygium cumini
63	หมาก	Areca catechu
64	หว้าหิน	Syzygium tumida
65	อโศกอินเดีย	Polyalthia longifoli
66	อะราง	Peltophorum dasyrachis
67	อินทนิลน้ำ	Lagerstroemia speciosa
68	อินทนิลบก	Lagerstroemia macrocarpa
69	อินทรชิต	Lagerstroemia loudonii
70	อีเม็ง	Dalbergia lakhonensis
	ไม้พื้นล่าง	
71	กระทกรก	Passiflora foetida
72	กล้วย	Musa sapientum
73	กกนา	Cyperus haspan
74	กล้วยไม้ (กะเรกะร่อน)	Cymbidium sp.
75	กล้วยไม้ (หวาย)	Dendrobium sp.
76	กล้วยไม้ (ช้าง)	Rhynchostylis sp.
77	ข้าวโพด	Zea mays
78	เขียวงู	Randia parvula
79	ชงโค	Bauhinia pottsii
80	คัดเค้า	Randia siamensis
81	ตดหมูตดหมา	Paederia pilifera
82	ต้อยติ่ง	Hygrophila erecta
83	ถ่อนเครือ	Dalbergia discolor

84	ถั่วผี	Atylosia volubilis
85	ฐปฤาษี	Typha angustifolia
86	บานไม่รู้โรย	Gomphrena globosa
87	บอน	Colocasia esculenta
88	ปรง	Cycas siamensis
89	ผกากรอง	Lantana camara
90	ผักเสี้ยนผี	Cleome viscosa
91	ไผ่บ้าน	Gigantochloa nigrociliata
92	ไผ่รวก	Thyrsostachys siamensis
93	ไผ่เพ็ก	Bambusa glaucescens
94	ไผ่ไร่	Gigantochloa albociliata
95	เพื่องฟ้า	Bougainvillea spectabilis
96	มะละกอ	Carica papaya
97	มันสำปะหลัง	Manihot esculenta
98	แมงลักคา	Hyptis suaveolens
99	ไมยราบ	Biophytum sensitivum
100	โสน	Sesbania javanica
101	หญ้าขัดมอญ	Sida sp.
102	หญ้าคา	Imperata cylindrica
103	หญ้าตื่นนก	Acrachne racemosa
104	ไมยราบยักษ์	Mimosa pigra
105	ไมยราบเลื้อย	Mimosa invisa
106	หญ้าแพรก	Cynodon dactylon
107	หญ้ายาง	Euphorbia heterophylla
108	หญ้ารังนก	Chloris barbata
109	หญ้าหางหมาจิ้งจอก	Setaria geniculata
110	หญ้าละมาน	Oryza latifolia
111	หนามคนฑา	Horrisonia perforata
112	อ้อย	Saccharum officinarum
113	อัญชัน	Clitoria ternatea
114	รักดอก	Calotropis gigantea
115	ลูกใต้ใบ	Phyllanthus amarus
116	เสี้ยวเครือ	Jusminum coarctatum
117	สาบเสือ	Eupatorium odoratum
118	หญ้าเนเปีย	Pennisetum purpureum
119	หญ้าพง	Sorghum halepense
120	หญ้าละมาน	Ottochloa nodosa
121	หญ้าหนวดแมว	Fimbristylis savannicola
122	หญ้าหนวดฤาษี	Heteropogon contortus
123	หนามเกี่ยวไก่	Capparis sepiaria
124	หึ่งเม่น	Crotalaria pallida
125	อ้อ	Arundo danax

Appendix 2

Noise Modelling Results

Table A2.1 Specific Noise Assessment Result in Day Time

		Noise Level before Project Implementation (dBA)						Noise Level During Construction Period (dBA)					
Time	Background Noise	Leq 1 hr ^v	Diffemce ³⁴	Adjustment Value	Noise Level after Adjustment	Specific Noise Level	Noise Level During Construction Period	Leq 1 hr ^{2/}	Diffemce ³⁴	Adjustment Value	Noise Level after Adjustment	Specific Noise Level	
06:00-07:00	42.6	47.8	0.0	7.0	40.8	-1.8	40.4	48.5	0.7	7.0	41.5	-1.1	
07:00-08:00	38.4	43.6	0.0	7.0	36.6	-1.8	40.4	45.3	1.7	4.5	40.8	2.4	
08:00-09:00	38.5	44.4	0.0	7.0	37.4	-1.1	40.4	45.9	1.5	4.5	41.4	2.9	
09:00-10:00	44.5	49.3	0.0	7.0	42.3	-2.2	40.4	49.8	0.5	7.0	42.8	-1.7	
10:00-11:00	47.5	50.6	0.0	7.0	43.6	-3.9	40.4	51.0	0.4	7.0	44.0	-3.5	
11:00-12:00	47.1	54.2	0.0	7.0	47.2	0.1	40.4	54.4	0.2	7.0	47.4	0.3	
12:00-13:00	47.1	52.3	0.0	7.0	45.3	-1.8	40.4	52.6	0.3	7.0	45.6	-1.5	
13:00-14:00	46.5	50.8	0.0	7.0	43.8	-2.7	40.4	51.2	0.4	7.0	44.2	-2.3	
14:00-15:00	47.6	51.1	0.0	7.0	44.1	-3.5	40.4	51.5	0.4	7.0	44,5	-3.1	
15:00-16:00	46.2	50.5	0.0	7.0	43.5	-2.7	40,4	50.9	0.4	7.0	43.9	-2.3	
16:00-17:00	47.2	52.3	0.0	7.0	45.3	-1.9	40.4	52.6	0.3	7.0	45.6	-1.6	
17:00-18:00	42,8	46.6	0.0	7.0	39.6	-3.2	40.4	47.5	0.9	7.0	40.5	-2.3	
18:00-19:00	45.2	47.2	0.0	7.0	40.2	-5.0	40.4	48.0	0.8	7.0	41.0	-4.2	
19:00-20:00	47.2	48.9					No Construe	ction Activity					
20:00-21:00	46.4	48.9		No Construction Activity									
21:00-22:00	44.2	47.6		No Construction Activity									

^{1/} Noise Measurement during 2-3 April 2014

^{2/} Calculate from Background Noise and Noise from The Project activities

^{3/} Noise Level after Adjustment - Background Noise.

	Noise Level before Project Implementation (dBA) ^V Noise Level During Construction Period (dBA)							
Time	Background Noise	Leq 5 min [⊮]	Noise Level During Construction Period	Leq 5 min ^{2/}	Differnce ^{3/}	Adjustment Value	Noise Level after Adjustment	Specific Noise Level
22:00-22:05	50.0	52.4			No Constr	uction Activity		
22:05-22:10	50.2	52.8			No Constr	uction Activity		
22:10-22:15	43,4	56.0			No Constr	uction Activity		
22:15-22:20	38.3	42.9			No Constr	uction Activity		
22:20-22:25	37.3	40.2			No Constr	uction Activity		
22:25-22:30	36.5	38.9			No Constr	uction Activity		
22:30-22:35	37.3	43.9			No Constr	uction Activity		
22:35-22:40	37.3	48.6			No Constr	uction Activity		
22:40-22:45	35.6	42.3		No Construction Activity				
22:45-22:50	35.8	46.3			No Constr	uction Activity		
22:50-22:55	36.8	43.2			No Constr	uction Activity		
22:55-23:00	35.9	40.9		No Construction Activity				
23:00-23:05	36.0	50.5			No Constr	uction Activity		
23:05-23:10	35.8	41.1			No Constr	uction Activity		
23:10-23:15	35.8	46.0			No Constr	uction Activity		
23:15-23:20	36.1	51.9			No Constr	uction Activity		
23:20-23:25	35.4	47.4			No Constr	uction Activity		
23:25-23:30	35.7	51.8			No Constr	uction Activity		
23:30-23:35	36.8	50.7			No Constr	uction Activity		
23:35-23:40	36.8	50.8			No Constr	uction Activity		
23:40-23:45	39.2	46.1			No Constr	uction Activity		
23:45-23:50	38.3	43.6			No Constr	uction Activity		
23:50-23:55	39.1	51.9		No Construction Activity				
23:55-00:00	39.3	54.5		No Construction Activity				
00:00-00:05	39.5	47.5			No Constr	uction Activity		
00:05-00:10	45.5	47.4		No Construction Activity				
00:10-00:15	38.7	52.6		No Construction Activity				
00:15-00:20	38.5	51.0		No Construction Activity				
00:20-00:25	39.3	54.5		No Construction Activity				

Table A2.2 Specific Noise Assessment Result in Night Time

Table A2.2 (continuation)

	100000000000000000000000000000000000000	efore Project	t Noise Level During Construction Period (dBA)					
Time	Background Noise	Leq 5 min ^V	Noise Level During Construction Period	Leq 5 min ³⁰	Differnce	Adjustment Value	Noise Level after Adjustment	Specific Noise Level
00:25-00:30	37.0	54.1			No Constr	uction Activity		L
00:30-00:35	39.1	49.9			No Constr	uction Activity		
00:35-00:40	36.5	46.5			No Constr	uction Activity		
00:40-00:45	36.3	39.1			No Constr	uction Activity		
00:45-00:50	36.7	40.1			No Constr	uction Activity		
00:50-00:55	36.4	41.9			No Constr	uction Activity		
00:55-01:00	38.2	51.8			No Constr	uction Activity		
01:00-01:05	36.5	46.0			No Constr	uction Activity		
01:05-01:10	37.1	45.3			No Constr	uction Activity		
01:10-01:15	35.8	45.0		No Construction Activity				
01:15-01:20	36.7	42.2		No Construction Activity				
01:20-01:25	37.0	40.8			No Constr	uction Activity		
01:25-01:30	38.1	46.9			No Constr	uction Activity		
01:30-01:35	38.3	46.7			No Constr	uction Activity		
01:35-01:40	39.6	44.1			No Constr	uction Activity		
01:40-01:45	38.8	49.5			No Constr	uction Activity		an ain còr air a' an an an an an an an an an
01:45-01:50	38.9	42.8			No Constr	uction Activity		
01:50-01:55	38.8	43.1			No Constr	uction Activity		
01:55-02:00	39.1	50.1			No Constr	uction Activity		
02:00-02:05	40.1	47.0			No Constr	uction Activity		
02:05-02:10	39.2	42.2			No Constr	uction Activity		
02:10-02:15	39.0	43.9		No Construction Activity				
02:15-02:20	41.3	47.7				uction Activity		
02:20-02:25	39.6	44.8				uction Activity		
02:25-02:30	40.2	48.1	No Construction Activity					
02:30-02:35	39.3	45.0	No Construction Activity					
02:35-02:40	41.1	44.1	No Construction Activity					
02:40-02:45	39.7	47.2	No Construction Activity					
02:45-02:50	40.2	44.8	No Construction Activity					
02:50-02:55	40.6	46.3		No Construction Activity				
02:55-03:00	40.9	43.7	No Construction Activity					

Appendix 2

Table A2.2	(continua	ation)
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Time	Noise Level before Project Implementation (dBA) ¹⁷		Noise Level During Construction Period (dBA)								
	Background Noise	Leq 5 min ¹⁷	Noise Level During Construction Period	Leq5min [≫]	Differnce ³⁹	Adjustment Value	Noise Level after Adjustment	Specific Noisi Level			
03:00-03:05	39.8	43.6			No Constr	uction Activity					
03:05-03:10	39.5	49.2		No Construction Activity							
03:10-03:15	38.0	42.8		No Construction Activity							
03:15-03:20	39.1	44.5		No Construction Activity							
03:20-03:25	39.7	46.3	No Construction Activity								
03:25-03:30	40.3	49.1	No Construction Activity								
03:30-03:35	41.5	47.2	No Construction Activity								
03:35-03:40	39.7	46.5	No Construction Activity								
03:40-03:45	39.1	44.8	No Construction Activity								
03:45-03:50	39.2	43.5	No Construction Activity								
03:50-03:55	37,4	39.7	No Construction Activity								
03:55-04:00	38.2	44.8	No Construction Activity								
04:00-04:05	37.6	42.4	No Construction Activity								
04:05-04:10	37.7	40.6	No Construction Activity								
04:10-04:15	38.2	44.9			No Constr	uction Activity					
04:15-04:20	43.9	49.1		No Construction Activity							
04:20-04:25	43.8	51.6	No Construction Activity								
04:25-04:30	44.1	45.1	No Construction Activity								
04:30-04:35	43.5	45.9	No Construction Activity								
04:35-04:40	43.4	44,8	No Construction Activity								
04:40-04:45	43.3	46.9				uction Activity					
04:45-04:50	43.2	46.8	No Construction Activity								
04:50-04:55	43.3	50.1	No Construction Activity								
04:55-05:00	43.5	49.0				uction Activity					
05:00-05:05	46.0	49.8	No Construction Activity								
05:05-05:10	45.4	49.2	No Construction Activity								
05:10-05:15	45.5	48.2	No Construction Activity								
05:15-05:20	45.0	46.5	No Construction Activity								
05:20-05:25	44.8	45.5	No Construction Activity								
05:25-05:30	44.5	48.4	No Construction Activity								
05:30-05:35	44.7	46.3	No Construction Activity								

Time	Noise Level before Project Implementation (dBA) ^{1/}		Noise Level During Construction Period (dBA)						
	Background Noise	Leq 5 min ¹⁷	Noise Level During Construction Period	Leq 5 min ^{2/}	Differnce ³⁴	Adjustment Value	Noise Level after Adjustment	Specific Noise Level	
05:35-05:40	44.2	45.3	No Construction Activity						
05:40-05:45	44.4	50.8	No Construction Activity						
05:45-05:50	38.6	51.9	No Construction Activity						
05:50-05:55	39.6	47.4	No Construction Activity						
05:55-06:00	40.6	50.9	No Construction Activity						

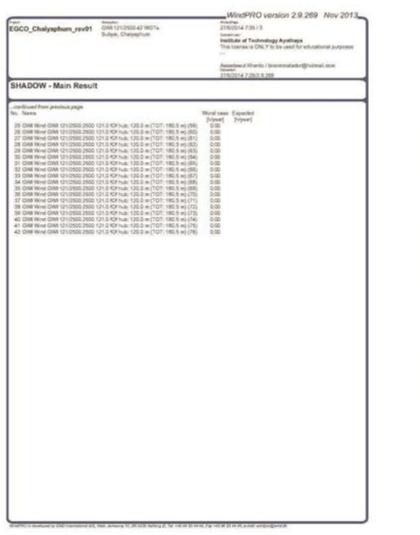
Table A2.2 (continuation)

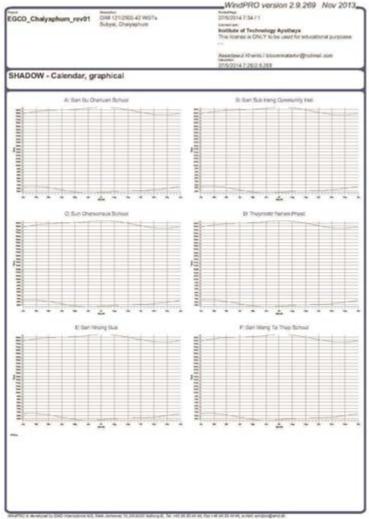
1/ Noise Measurement during 2-3 April 2014
2/ Calculate from Background Noise and Noise from The Project activities
3/ Noise Level after Adjustment - Background Noise.

"Shadow Flicker" Model

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SHADOW - Main Result					
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0739	11812	118.22	11827	18.50	110-48	18.00	118.44	10.28	10.02	1.17.64	117.42
5 26.43	106.42	10625	106.87	0548	112.42	105.48	100.17	100.00	10.05	12.44	105.08
8 (26.43	100.43	106.29	00.08	100.44	100.42	100.45	100.67	100.00	106.05	108.13	100.28
17.67	11014	11839	(1829-	18.34	118.43	118.50	110.43	155.74	10.01	117.44	110.42
7105A3	11814	11828	106.05	1824	112.48	105.49	100.18	100.02	100.00	199-10	100.29
# 00.44	106.42	10627	OR.85	01.48	100.43	100.00	105.02	101.02	00.05	100114	100.25
8.00.44	108.42	11825	11828	1834	12.48	11010	118.45	18.22	117.28	17.45	117.43
117.00	11215	118.25	11828	11224	112-44	118.02	112.42	10.22	17.00	17.40	11/ 42
10100.04	10642	10528	106.00	10047	105.42	186.00	100.08	06.02	196.00	10014	110.30
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12 100.44	12647	19825	106.02	00.48	100-00	100.50	195.09	01.00	10108	181	106.02
18-06-40	11216	11824	118.29	11030	11846	110.00	118.41	192.18	17.57	1242	117.44
118/07	11217	11824	11828	12.36	118.46	18.50	118.40	146.18	112.36	117.42	117.45
14 106.40	106.40	10623	106(01	100.40	112.42	105.01	100.159	106.00	100.00	(鉄市)	218,32
15 06-45	100.40	06.22	05.00	0548	105.43	105.31	00.08	01.00	00.00	100.17	100.52
18 (16.47	(1874)	11824	118.28	1836	115.46	112.49	116.00	100.00	117.88	117-01	117.40
11000	118-18	10622	158.79	11837	112.46	110.02	100.00	110.10	117.54	117.01	117.00
17 100.40	126.29	08.21	00.08	0048	125.44	100.52	00.00	01.05	05.07	00.12	100.04
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110.00	11818	11825	148.30	1234	118-47	118-49	110.06	1.58:13	117.58	12-41	117.46
21.106.40	106.37	106.18	118.38	12.58	110.48	109.53	100.00	106.02	106.08	106-28	100.00
2210645	105.36	100.17	05.84	105.44	105.40	206.03	00 100	108.60	00.08	116.20	08.57
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28 (06.45	06.35	108.16	05.54	00.43	155.46	100.04	100.05	00.04	91.08	199.21	06.38
210.00	11820	1828	112.21	1839	110.48	118.48	106.01	18.15	117.40	17.41	1-17-000
10.0040	11821	108.15	18.37	1220	12.48	10.42	100.01	118.00	17.49	117.81	117.00
38.00.45	176.34	106/14	05.53	00.42	100.40	105.56	06.01	0104	05.00	156.22	100.29
27 100.45	106.52	108.14	118.21	1840	1846	108.47	100.00	10.00	100.08	17.41	117.00
110.00	11921	118.28	118,31	12.40	118-49	18.47	118.20	1 15 108	117.48	117.41	117.91
28 06.45	100.00	106.13	100.52	10148	155.40	105.56	100.01	05.04	100,10	198.04	106.40
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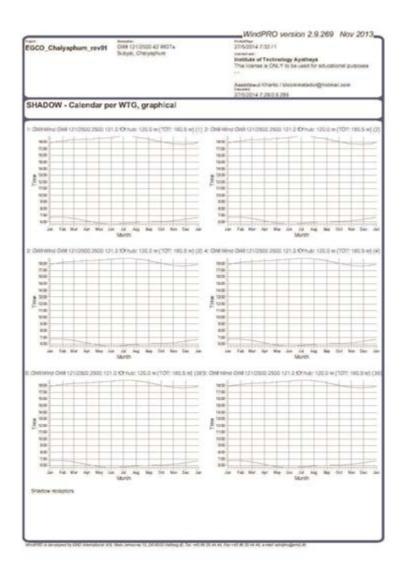
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8 198.45	10.42	06.27	100.05	10547	05.42	105.49	105.58	108.00	29.00	05.12	1.00.29
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22 (25.45	12.18	119.25	1830	1838	12.47	11548	138.00	118,12	105.08	117.41	117.48
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33 (19.40)	165.28	198.24	100.00	118243	1848	158.48	148.00	105.02	12.58	100.21	100.27
24 (10.42	00.38	100.16	19584	98.43	0545	195.54	108.01	108.00	00.08	00.21	100.36
20 (0.47	10.14	110.15	105.54	180.43	10.40	158.48	105.01	100.04	17.40	157.47	117.40
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11819	18.21	18.26	11831	110.40	12.49	11847	110.30	118.10	1.7.87	117.61	117.10
28 10.40	1	100.12	100.02	18640	12.40	118.40	18:30	180.04	08.18	17.41	100.40
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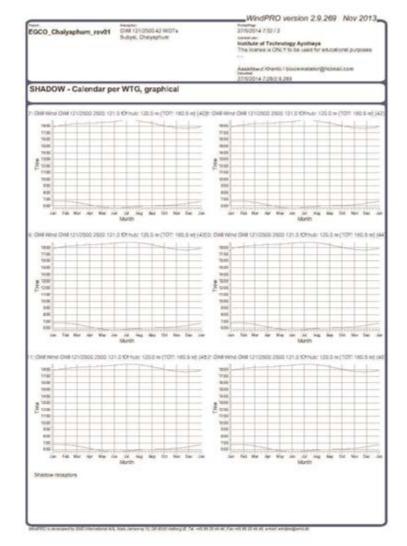
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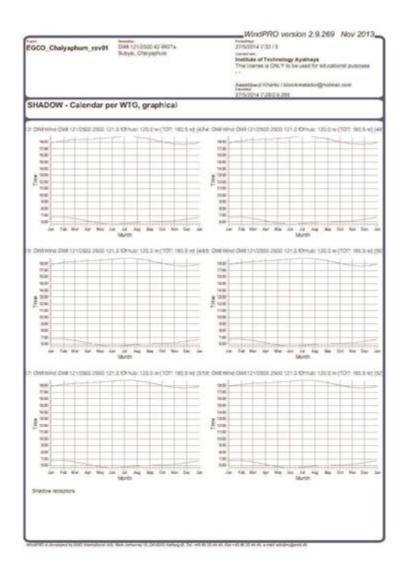
wat saw i yaat. For each day in each month the following matrix apply	CO_Chaiyaphun	_rev01	OW Sub	nu 1 121/250 (w), Chaly	AZ WG1 Isphum				7/5/2014	735/4 f Technai	ugy Aye	2.9.269 No Owys et for educational p
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<pre>text est est est est est est est est est es</pre>	118.42	100.44	100.31	100.00	192.00	105.42	10047	105.96	105.00	00.04	1.060,111	1 00 20
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The set of the set	117.08	12.13	118.22	11827	18.23	10.42	(1839	112.44	11825	19.52	1 127,44	117.42
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Image Market	81.08.43	100.42	100.79	106.08	100.48	188.42	OCAR.	100.07	106.02	100.001	100152	106.26
1 1	10.10	155.54			118.34	18.43	118.00				117.43	117.40
The set was not be the transmit set was an analysis of the set	117.08	18.14	18.58	11828	11234	12.44	118.58	118.48	118.23	18.00	117,42	1.17.45
u u	117.58	18.18	118.33	11828	18.04	18.64	11850	19842	18.22	177.00	16.42	17.45
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H H	14.100.40	05.41	106.20	106.01	110.45	100.42	19851	190.59	105.00	06.05	126.15	100.30
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USB USB <td>118.88</td> <td>198,18</td> <td>118.25</td> <td>11829</td> <td>11838</td> <td>1848</td> <td>118.49</td> <td>11838</td> <td>118.18</td> <td>17.54</td> <td>1.12.45</td> <td>5.57.48</td>	118.88	198,18	118.25	11829	11838	1848	118.49	11838	118.18	17.54	1.12.45	5.57.48
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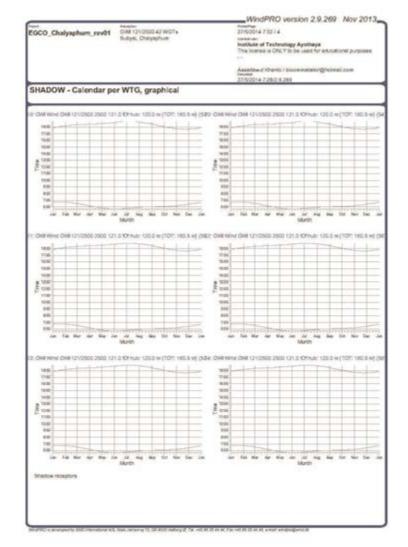
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11734	11812	11822	11827	118.32	110.42	110.49	110.45	142.28	18.08	107.40	578.41
210843	11212	10621	11627	1433	11842	110.47	100.67	190.00	100.08	117.40	104.28
510642	126.44	109.31	00.09	10108	195.42	115.45	100.57	106.02	00.00	198.12	189-25
4 195.45	11813	198.58	118.27	18.33	118-42	112.00	148.45	14月 第二日	12.10	12.45	147.42
10040	11810	11822	11827	118.50	110.43	118.00	118.44	100.00	100.00	1.17.64	117.42
8 106.43	108.42	(0625	105.57	0549	195.48	105.48	105.37	00.00	00.05	106.72	105.08
0100.43	11814	10828	11828	10.18	10.42	118.00	100.58	1925	10.02	12.64	107.42
117.27	11014	11838	(1829-	112.34	118.43	112.50	110.45	14524	110.01	117.44	117.43
F10643	100.42	19628	01/05	10540	196.48	105.49	1.00.100	08.02	04.00	199,10	106.25
8 258.44	11213	11828	118.28	18.34	112.44	110.50	112.40	19.23	18.00	117.48	100.28
11728	(1815	11825	1828	1834	12:44	110.00	118.45	18.75	117.28	12:43	117.43
8 00.44	108.42	(88.27	100.04	100.47	110.42	105-49	100.08	10.02	100.05	12.40	100.00
10105.64	10818	108.25	100.04	10047	105.42	100.00	100.08	00.00	100.00	126.10	100,421
11800	11816	11824	11828	1830	(1846	118.90	110-42	198.25	117.58	112.40	117.04
12 100.44	110141	19629	106.03	11830	125.48	100.50	100.08	18.55	106.08	100.15	3 00 21
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13 05.45	100.00	10824	106.01	12.36	105.42	12.50	100.58	00.00	100.08	10.0	100.32
1410640	106.40	10623	00.01	00.40	170.42	100.01	1 00 159	05.00	100.00	196.19	105.32
10 (00.40)	11217	11828	1929	18.00	112.40	118.50	112.36	15.18	17.32	117.42	117.45
1802	1318	11828	118.29	18.36	118.46	51830	16.00	100.17	TFAE	10.41	117.40
14 196.42	194,29	10632	01.091	100.40	195.44	186.62	100.00	00.05	06.07	138,17	200.34
11005	110-10	11825	11829	11837	112-46	12.49	110.00	110.00	117-54	127.41	117.48
1004	11818	11828	1829	118.37	12.47	12.49	118.00	110.10	117.58	117.81	117.00
18 0645	106.36	10620	18.50	105.44	10.44	105.52	100.00	106.00	108.07	100.18	08.20
18 00.40	106.38	1828	105.68	100.44	1201.44	100.55	3.00.00	00.02	106-07	1.06.15	106.30
11808	(1819	11825	118.38	1838	118.47	110.49	118.27	1 10.14	17.62	112.00	117.427
28 0645	10637	17825	148.36	10048	118-47	100.02	1.00.00	196.03	06.67	12-41	100.00
21106.40	106.31	106.78	100.08	105.44	115-40	105.53	100.00	06.03	00.05	199.25	100.00
27 (06-45	118,20	(18,25)	1838	18.58	11248	11549	112.00	118.12	17.21	117.81	117.48
10045	1829	106.17	148.20	18.38	110.40	110.40	100.00	100.00	17.50	12.40	108.57
28 94.48	186.26	106.17	10538	10048	1.90.40	100.04	1.00.01	01.04	0.00	186.21	106.27
28 106.45	11620	10826	11831	11839	112.48	118.48	110.04	110.00	17.50	112.41	117.48
110/04	1820	11828	19.01	18.29	18.48	118.48	114.08	118.10	117.40	17.41	117.00
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28,000.45	119.24	106:14	105.53	100.42	100.48	105.56	106.01	100.00	100.00	106.23	100.20
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28 - 06.48	100.00	10513	100.52	10148	115.40	195.56	100.01	105.04	108.10	198.04	206.40
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31 06.44	1	10811	1.	105.41	1	116.56	100.52		100.11	1.1	205.01
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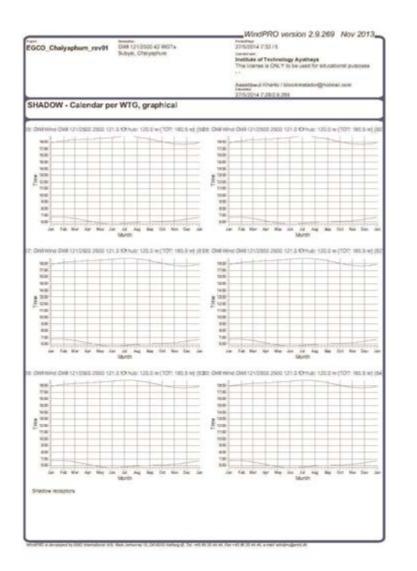
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(PS) (PA) (PA) <th< td=""><td>1.17.000</td><td>198.92</td><td>148.72</td><td>11427</td><td>110.32</td><td>11842</td><td>11848</td><td>11845</td><td>118.27</td><td>18.94</td><td>117.45</td><td>1.17.42</td></th<>	1.17.000	198.92	148.72	11427	110.32	11842	11848	11845	118.27	18.94	117.45	1.17.42
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T H		190.43	100.79			18.43	15210	112.43	118.24			100.20
a m.A. m.	711148	01.42	100.08	106.05	195.48	115.43	105.49	195.88	100.02	06.00	1.96.12	1.06:29
17.58 17.58 <th< td=""><td></td><td></td><td>18.28</td><td>100.05</td><td>10548</td><td>12.45</td><td>110.00</td><td>105.58</td><td>18.23</td><td>18.00</td><td>107.42</td><td></td></th<>			18.28	100.05	10548	12.45	110.00	105.58	18.23	18.00	107.42	
1759 0.01 0.02.0 <th0.02.0< th=""></th0.02.0<>	117.58	16.18	118.23	11828	110.04	10.64	11850	11542	118.28	177.08	17.42	117.45
No. No. <td></td>												
1 1	10 (10).44	0042	100.26	100.04	102.47	115.43	10030	105.08	106.02	06.00	100100	118.30
16.89 (19.24)	11 100.44	100.41	0125	108.63	18547	100.43	105.58	105.58	105.59	104.05	05 15	1 00 31
1000 100.7 10.24 10.20 10.80 10.24 10.20 10.80 10.24 10.20 10.80 10.24 10.24 10.20 10.80 10.24 <th1< td=""><td>1.100.000</td><td>12.16</td><td>112.24</td><td>11828</td><td>1835</td><td>18.42</td><td>112:50</td><td>17241</td><td>118.00</td><td>117.67</td><td>117.42</td><td>1 37.48</td></th1<>	1.100.000	12.16	112.24	11828	1835	18.42	112:50	17241	118.00	117.67	117.42	1 37.48
10 10 0			100.20		18.30	10.42			108.00	12.02	112.42	117.44
Horizon Optimization	10,00,46	100.40	106.24	106.02	12248	102.43	0001	100.00	106-00	1.00.00	1.000114	100.32
12.02 13.04 12.29 12.80 12.80 12.30 <th< td=""><td>14.100.40</td><td>05.41</td><td>106.29</td><td>196.01</td><td>105.46</td><td>100.42</td><td>100.51</td><td>190.09</td><td>105.00</td><td>06.05</td><td>125.15</td><td>100.35</td></th<>	14.100.40	05.41	106.29	196.01	105.46	100.42	100.51	190.09	105.00	06.05	125.15	100.35
	118.02	18.17	118.24	11829	12.38	12.48	11830	118.39	118.18	117.00	117/0	117.00
Bit Add Bit Add <t< td=""><td>198.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	198.00											
17 18 19 1			06.22	106.00	195.46							
10.80 (0.23) (0.24) (0.25) </td <td>17 (00.40)</td> <td>00.28</td> <td>106.21</td> <td>105.09</td> <td>10040</td> <td>00.44</td> <td>100.52</td> <td>100.00</td> <td>106.00</td> <td>90.69</td> <td>100.10</td> <td>00.04</td>	17 (00.40)	00.28	106.21	105.09	10040	00.44	100.52	100.00	106.00	90.69	100.10	00.04
	110.04				(1837						157.41	
H H	112.04	178.78	118.25	18.30	18.27	1247	11040	118.37	112.16	17.53	117.01	117.67
80 80<		06.38					10553		100.00			
1 10.44 10.44 10.44 10.55 10.54 10.55 <th10.55< th=""> 10.55 10.5</th10.55<>	28 (00.40	00.37	106.79	10557	105.44	100.44	105.53	100.01	100.03	106.07	0110	100.00
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$												
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	118.00	18.28	110.25	11830	1.0.38	10.48	112.09	13,8,30	118.12	617.81	117.41	11748
38 16.40 16.41 16.41 16.44 16.44 16.44 16.44 16.45 16												
30 40 40 60 60 70 70 70 10 40.51 50.51 10.52 </td <td>33 (18.40</td> <td>05.28</td> <td>10017</td> <td>100.00</td> <td>180.43</td> <td>05.45</td> <td>185.54</td> <td>180.01</td> <td>100.00</td> <td>(100-08</td> <td>06.21</td> <td>1 00 27</td>	33 (18.40	05.28	10017	100.00	180.43	05.45	185.54	180.01	100.00	(100-08	06.21	1 00 27
1000 1010 1210 <th< td=""><td></td><td></td><td>119226</td><td>11821</td><td>1839</td><td>00.45</td><td>15848</td><td>100.01</td><td>118-15</td><td></td><td></td><td></td></th<>			119226	11821	1839	00.45	15848	100.01	118-15			
USB USB <td>110.00</td> <td>116.21</td> <td>110.26</td> <td>118.01</td> <td>148.99</td> <td>1848</td> <td>11848</td> <td>148.80</td> <td>上月辰 4倍</td> <td>17.40</td> <td>157.41</td> <td>1.1.1.60</td>	110.00	116.21	110.26	118.01	148.99	1848	11848	148.80	上月辰 4倍	17.40	157.41	1.1.1.60
26 65<												
27 10-60 (0.5.14) (0.5.14) (0.5.15) (0.6.23) (0.5.14) (0.5.16) (0.6	25.109.40	05,34	100.14	10123	101.43	105.46	186.55	106.01	100.04	00.08	00.23	1.00.20
10160 64.27 102.67 103.67 <td></td>												
TRUE Wall USA TABA UBAN UBAN <thu< td=""><td>110.05</td><td>18:21</td><td>118.26</td><td>11831</td><td>11840</td><td>18.49</td><td>(158aF</td><td>112.21</td><td>118.98</td><td>12.48</td><td>152.42</td><td>117.51</td></thu<>	110.05	18:21	118.26	11831	11840	18.49	(158aF	112.21	118.98	12.48	152.42	117.51
39 66.6 00:12 054.2 054.7 050.4 050	20 100.40	06.39	100.13	118.87	118.42	12.40	11847	196.01	108.55	100.10	156.24	100.40
Dist (M-4) (M-1) (M-3)	29 (0.40	1	0012	105.52	1.05.42	100.47	38556	104.01	100.04	08.18	05.24	1.00.40
10,11 10,27 112,22 12,41 10,40 12,44 112,29 13,40 17,40 17,41 17,42 27,22 24,20,44 10,41 10,44 17,52 10,64 11,10,44 11,1		1 1		1852								
19831 19827 1 19841 19828 1 17846 19828	1.58.00	1 1	14827		18.41		158.45	11829		12.46		5 47 82
		1		1		1			1		1	
	ental jour hours 281	1.020		1.00		1.000			1.067		242	
No weat time () () () () () () () () () (1		1	1.00	1.	1.1	1.	Contract	1.00	1000	10.00
a larynait. For each day in each month the following matrix apply	Bynat: For each da	y in all h w	south the	ToBowing	and a subset of	PPV						
y in methy Bun fale (hr, mm) Bun aet (hr, mm) Minutes with fromer Last time (hr, mm) with ficker (WTG causing ficker list time) (WTG causing ficker list time)	winimenth Don tax	Distanti				at time (h)	(mint) with 1	toner .	WTReas	ing hour	(and line)	

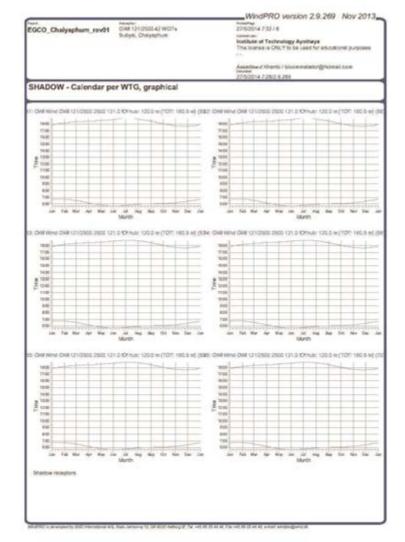


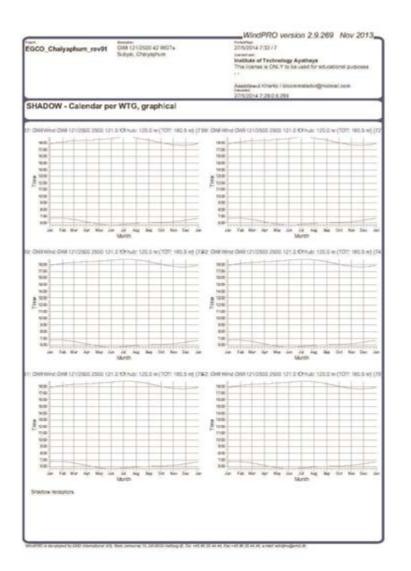


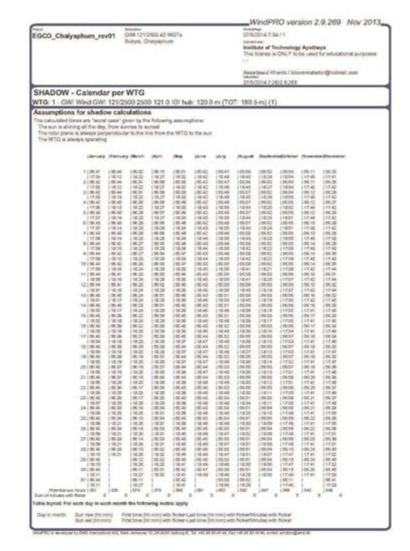












EGCO_Chalyaphum_rev			2500-421 Nelysphu				3150 Innote	tora 73	L) 3 schnolog	y Ayatha	19,269 Nov 20 nyn fer educational purpos
							Death	B	ants / 5%	ormite	dor@hiteal.com
SHADOW - Calendar	r per	WTG						0.000			
NTG: 2 - GWI Wind GWI	121/25	00 250	0.121.0	101 hu	b: 120.0	n(TO	T 180.5	i m) (2)	12		
Assumptions for shadow											
The coloulated times are "word". The sum is shiring all the day, The story place is stelling parp The WTG is sharps operating.	Fore au	visa lis a	uneat								
(Among	(Herear)	Harr	(April	May	plane.	skip	ikapat	-	angGr, the last	-	in Chambler
	100.44	180.32	10610	19551	10040	185.47	105.36	185	100.00	100.11	100.25
2106.42	105.44	108.22	10008	11833	0043	10.47	138.46	192	105.06	117.46	137.64
117.05	148.52	198.22	11827	15333	18.42	11849	(18.45)	942	112.54	10.45	117.42
117.00	操作	148.02	19,27	1835	18.42	1800	118.40	14.26	149-000	117.40	117.42
4 100.40	100-44	1922	196.08	10249	105.42	10548	105.57	保留	105.05	100.12	100.27
5 109.45	100.48	100.28	10607	(25.49	05.43	105.42	105.57	100.00	06.05	100.12	106.22
117.57	10.14	198.23	1828	118.32	1243	11830	118.44	192	100.00	117.44	117.42
147.87	110.14	14.23	110.08	112.34	1843	1480	112.43	110.24	118.01	117.64	117.40
F (00.42)	100.40	16.28	100.05	18548	105.40	125.49	105180	100.02	100.00	100.10	100.28
2 00.44	05.42	06.27	00.05	10040	05.43	155.49	105.58	00.02	00.05	100.14	100.29
9100.44	18.15	118.23	118.28	11034	1248	112.50	108.40	10.25	105.00	117.40	117.48
111200	118.18	10.22	(10.28	1824	110.44	11850	11842	102.22	117.08	117.40	117.40
10 (08.44	18.42	10028	100.04	(1838)	100.43	10000	112-40	100.00	100.00	196.0	10(2)
11 10.44	100.41	105.25	00.00	10547	108.48	10630	105.59	00.62	01.00	106.15	100-31
118.00	後援	1024	198.02	103.25	105.43	11250	118.40	1922	10:00	100.12	00.22
2 18 81	112-17	11824	11829	11898	112.45	11850	118.48	18.19	117.67	12.42	112.44
12 / 06-45	通過	00.24	1829	105.48	10143	12.50	118.40	10.10	100.00	100	100.00
14 (0) 45	100.40	100.25	196.61	105.45	05.43	115.51	105.39	0.00	00.00	178.15	100.25
10.00.45	110.17	10028	1929	15336	0143	118.50	13.35	100.00	00.00	117.42	117.40
118.80	18.18	98.25	11828	11836	12.46	11850	118.20	18.17	177.00	112.01	117.46
10 100 40	196.38	198.22	100.08	10545	10548	110.02	118.00	100.00	106.07	198.17	100.38
17 (10).40	175.20	100.21	100.09	105.42	00.44	190.52	109.00	100,000	06.07	100.13	1.00.04
10:04	11218	19828	11825	10044	17847	118.45	106.00	10.0	117.58	12.41	117-48
110.04	118.18	108.25	118.38	11837	1847	118.45	118.27	18.18	117.52	112.41	(17.47.
15 (0)-40	10.38	100.20	180.58	105.44	18.4.7	186.62	105.00	(例如)	10107	100.00	106.05
20 100 48	100.37	100-18	146.62	105.44	10544	196.53	108.00	100.00	00.07	100.09	106.28
21100.45	18.19	116.25	21830	10.08	65.41	11249	112.36	200.020	100.00	110.20	100.36
118:00	18.20	100.23	19.30	1838	12.48	1249	18.20	100.00	117.31	112.21	117.48
110.07	18.20	118.24	18.30	110.04	12.48	11848	11836	18.52	117.80	110.41	137.00
1010646	100.00	106-17	195.52	105.43	10048	199.04	105.01	100.04	106.00	180.21	106.27
24 (06:45	南部	100,118	19535	105.43	65.45	195.54	imm	00.04	00-00	180.21	100.38
1 16 08 25 1 00 45	148.00	148.28	1825	10043	00.40	11548	118.30	100.04	117.48	10.22	100.36
112.10	110.21	118.26	17825	12,29	12.42	11040	118.88	10.06	117.49	117.81	117.00
29 100-45	100.34	100,14	100.03	105.42	105.46	100.00	118.32	10.04	100.00	190,25	00.26
27 100 46	開加	100.14	146.63	100.43	01.44	195.58	106.51	100.04	00.05	100.28	100.38
110.00	118.22	198,26	1831	118.40	12.49	11847	106.01	1 12:05	10.48	117.61	117.51
18.10	18.22	192.08	11832	118.40	112-49	11847	118.24	10.07	17.47	1.12.301	147.02
29 100 45	1	18.12	189.52	18.41	12.49	1847	105.01	100.04	0K.10 1F.4P	155,24	100.40
30 106 45	1	108.11	10051	105.42	00.47	105.50	100.00	1 96 04	100.10	188.25	100.41
81 (00.4a		11827	14832	(10.41)(10.45)	110.40	118.45	108.62	198	100.11	1.02.40	10141
198.91		11827	See.	11841	ine .	1840	118.28	her	117.46	ine .	1-07-54
Potential purchase (201 Burn of minutes with falser #	100	194	1242	1998		140	1000		1244		1345
lable layout. For each day in set					2.000						Contraction of The Co
and the second second second second				44.4							

GCO_Chalyaphum_rev		Nugha OWA 1210 Subyai, O					27/5/ banel banel	201473	1/3 scheelag	y Ayethi	19,269 No 194 for educational p
							(Dealway	H	writu'i bio 6/2:8,258	ormatik	tur@issteeil.aut
SHADOW - Calenda	r per	WTG									
VTG: 3 - GWI Wind GWI	121/2	500 250	0 121.0	101 hu	b: 120.0	m (TO	T. 180.5	5 m) (3	1:		
assumptions for shado to calculated firms are "work The sun is sheing all the day. The rotor ptene is steays per The WTCI is always spending	cases' g how so endout	iven by the Prime To M	e followir unsel			Ę.					
(dervery	Ferra	-	-	-	jáce .	jkiy.	jagent	(instead	inficient	(Second	a finaniar
1100.41	1.00.04	188.22	10010	100.01	100.42	19547	10526	100.02	105.04	106.91	106.25
21.06.42	112.12	1922	18.37	118.00	118.42	12.48	100.07	11828	100.04	117.48	109.28
110.00	118.12	116.22	118.27	118.33	118.42	10.49	11848	11827	110.04	117.45	11P.42
310040	15.13	100 H 150 Z2	105.08	198-30	1842	105.48	10557	186.62	106.05	间接着	189.26
4 (0) 42	100.40	100.00	102.05	10.49	105.42	105.48	10557	186.62	106.85	117.44	108.37
1.00.43	1.01.42	100.29	05.07	105.49	100.43	101.40	105.57	206.62	100.05	100.12	100.35
1 CF 67	12.14	192.25	19.28	118.35	110.43	10.50	12.44	11825	110.00	117.44	117.42
117.52	110.14	110.28	18.28	118.04	143.43	10.50	112.43	118.24	118.01	117.44	177.43
F10043	100.48	106.28	05.08	105.48	100.43	105.49	10538	106.02	1800	10612	117.45
8108.44	188-62	100.27	05.05	115.48	102 43	105.49	0128	100.02	100.05	200,04	108.29
17.58	18.10	11022	15.28	12.34	100.43	10.50	1843	11823	117.08	17.42	147.40
1 CP 000	112.12	118.22	11028	110.04	110.44	118.50	118.42	11822	177.08	117.42	117.42
10:06.48	118.42	100.20	100.04	18.47	100.42	14.54	105.55	100.03	105.00	105.14	106.30
11 00.44	100.41	106.25	供加	105.47	105.43	105.50	105.05	100.53	06.00	100.15	100.21
1210048	110.10	198.24	10.22	112.00	105.42	18:50	105.58	10000	17757	117.42	117.44
1 18.01	110.12	118.24	18.25	115.08	118:45	18:50	1841	11819	115.62	117.42	117.44
1.0 00.40	18.40	100.24	(代合) (年29	15.00	100.42	10.51	11240	100.02	17.06	17.42	100.52
14 (00.40	28.41	100.28	- 00 OK -	110.40	108.42	100.51	0059	100.05	105.05	106.08	109.00
10.00 40	11217	100.23	18.28	110.00	112.45	10.50	1229	11818	106.06	117.42	117.45
1 10 00	10.10	19425	18.28	118.30	10.48	112.49	11839	STATE.	17.58	117.41	517.40
18 00 40	130.30	100.22	100.08	198.40	110.44	10.52	196.00	100.05	117.54	110.07	217.46
17100.48	100.00	100.25	101.08	105.40	100.44	105.52	108.08	100.03	106.07	340.10	108.54
10.04	110.00	118.25	11829	112.37	122.47	112.49	118.32	100.03	117.53	117.41	117.40
110.06	110.10	118230	18.30	118.07	118.47	10.46	118.27	11818	117.52	17.41	157.47
TH 1 00.40. 1 18.00	110.00	106.20	18.58	100.44	110.44	10.52	1837	11814	10007	100.18	100.00
20100-40	100.37	100.19	100.37	110.44	100.44	100.60	12235	106.05	106.07	100.18	108.38
21106.46	108.24	100.18	105:06	105.44	108:45	10.51	106.08	106.05	106/08	196.20	108.36
12.06	118,28	100.17	18.30	12.35	18.42	10.49	118.35	1812	17.53	117.41	117.40
111 (00:40) 18 OF	14.30	100.17	18.20	112.04	100.40	10.52	106.00	100.00	17.58	100.20	117.49
23100.48	18.8	100.57	1.01.02	118.42	100.40	100.54	100.01	205.04	00-00	196.21	106.37
2 10:0P 24 106 AE	142	1102.05	18.00	195.39	110.48	112.48	11834	100.04	117.58	117.41	117.49
10.08	19.35	118.00	14.01	10.00	18.42	10.48	+833	11819	17.48	17.41	117.00
20100.40	100.04	100.12	10.01	100.43	105.45	10.54	191.01	100.04	17.48	17.41	111738
29 00 46	1.01.04	00.14	05.53	100.40	1101-46	10.55	0000	205.04	008	100.22	100.20
1 (8:08	1421	178.28	14.20	118.40	100.40	1847.	186.61	10054	100.00	146.28	100.00
1 15 00	118.21	110.00	110.21	118.40	158.49	112.47	1831	118-58	117.48	[17.41	117.00
221 06.48	198.35	118.26	18.52	105.40	100.49	10.55	18.31	100.04	17.47	17.81	117.00
25 00.40	1	06.12	101.122	100.40	105.47	100.00	10 00	105.04	06.10	17.41	105.40
301 (06.40)	1	100.111	100.01	1251-62	122.40	105.08	11830	100-04	00.18	106.25	100.41
13831	1	158.27	118.32	112.41	18.49	112.46	14829	11005	177.48	112.41	11780
	E	100.11	100	105-43	1.	105.56	10602	1	105.11	1	100.41
BT 1 06 44								The second second	Towney and	Tatan	
Potentian sun fecare (1821) Potentian sun fecare (1823) Potentian sult fischer (1823)	148	1914	1000	1200	1001	1402	1962	1047	1346	1942	1348

EGCO_Chalyaphum_rev			2500-421 Nelysphu				3150 Innote	tora 73	4)4 ectimating	y Ayatha	19,269 Nov 20 www. for educational purpose
							Death	B	anits / 545 6/7 9 768	orrente	dor@hiteal.com
SHADOW - Calendar	r per	WTG									
VTG: 4 - GWI Wind GWI	121/25	00 250	0.121.0	101 hu	b: 120.0	n(TO	T 180.5	i m) (4)	12		
Assumptions for shado	w calc	ulation	rs.			_	_				
The coloulable times are "word The sum is shiring all the day, The rotor plane is sterays parp The WTG is always operating	First But	visa lo a	uneat								
Jenury	Petroat	-	(April	Ney	plane.	skey	itepat	-	angGritation	-	in the sector
1 (00 A1	100.44	180.32	10610	19551	10042	18547	105.05	185	105.06	10511	100.25
2 (00.42	18.12	118.22	100.05	100.40	100.47	110.47	138.45	1928	118.00	147.46	137.44
1 17 88-	118.52	198.22	11827	11833	1842	118.49	(18.45	14.77	110.04	112.45	117.42
5100-42 17.00	120.44	105.21	(19)27	195.50	18.42	18042	105.52	(保留)	100.00	18.12	100.28
4 00.42	100.48	1922	196.08	10549	105.42	105.48	105.57	19.2	105.00	100.12	100.27
5 09.45	100.40	100.28	10407	(25.49	05.42	105.42	105.57	100.00	06.05	100.12	106.28
117.57	10.14	100.23	1827	118.32	12.43	11830	118.00	1921	10.02	117.64	117.42
147.87	110.14	16.23	110.08	13.54	1843	1480	112.43	110.24	118.01	117.64	117.42
F - 00.40	1814	195.28	100.05	18548	105.40	125.49	105180	100.02	100.05	100.10	100.28
2 00.44	05.42	06.27	00.05	10040	05.43	155.49	105.58	00.02	00.05	100.14	100.25
+ 17 58 9 105-44	10.15	118.23	110.00	1834	1248	112.50	105.58	1225	17.58	117.43	117.48
111108	118.18	108.22	(1828	1824	110.44	11850	11842	102.22	112.00	117.40	117.48
10 (08.44	18.42	148.24	106.03	11235	18.43	18650	112-40	100.00	100-00	198.14	106.00
11 06.44	100.41	106.25	0100	10547	108.48	10630	105.59	00.62	01.05	106.15	100-31
1 10:00	110.16	110.24	118.28	10,25	105.43	112.50	118.40	「地図」	117.87	10/42	00.22
1210646	(例)和 (後行)	19824	11829	11898	112.45	11850	118.48	18.19	10:00	12.42	112.44
12 06-45	10.40	10.24	1829	105.48	0143	10001	105.53	10.10	100.00	価格	100.00
14 (00.45)	100.40	00.29	196.61	105.45	05.43	115.51	105.28	0.00	00.00	178.16	100.25
10.100	110.17	100.22	119,29	15.36	0143	118.50	13.35	10.0	06.08	19.42	117.40
110.000	110.18	18.25	11828	11836	12.46	11845	118.20	18.17	177.00	112.01	137.40
10106-00	196.00	100.22	100.08	10545	10548	110.02	(06.00	100.00	106.07	117.01	100.38
17 (00.40	100.00	100.21	100.09	05.42	00.44	190.52	109.00	100,008	06.07	100.18	1.00.04
10:04	110.18	10020	11825	10044	17847	118.45	106.00	10.12	117.53	17.41	117-48
110.04	118.18	108.25	118.38	11837	1847	118.45	118.27	18.18	117.55	112.41	(17.47.
19 (00-40)	100.08	100,210	180.58	105.44	00.48	186.62	105.00	100.00	100.07	12.01	106.05
29 (00 45	106.37	100-18	146.62	105.44	105.44	196.53	108.00	1 96 55	06.07	100.09	106.281
2110046	112.15	198.25	21830	110.08	11847	11249	118.36	149.02	117.51	110.20	100.36
110.00	110.20	1023	19.30	1838	12.48	1249	18.00	10.02	117.31	112.21	117.48
112.07	118.20	118.24	1830	110.04	12.48	11848	118.00	18.52	117.80	110.41	137.00
1010646	100.30	100.17	195.62	105.43	10040	19504	105.01	100.04	06.00	180.21	106.27
24 (06:46	() 第二	100,118	19535	105.43	65.45	195.54	imm	00.04	08-08	180.21	100.38
1 16 100 25 1 00:46	148.00	148.28	1825	100.43	00.40	11548	118.30	100.04	117.48	10.41	100.36
1 10:10	110.21	118.26	17885	12.29	12.42	11040	118.88	10.06	117.49	(17.81	117.00
29 100-45	100.34	100.14	100.03	105.42	105.46	100.00	118.32	10.04	100.00	19622	00.26
27 100-45	國際部	100.14	146.63	100.43	01.44	195.58	106.51	100.04	00.05	100.28	100.38
210.00	118.22	198,28	1831	110.40	12.49	11847	106.01	1 12:05	01.48	117.40	117.51
18.10	18.22	192.08	11832	118.40	112-48	11847	118.24	10.07	17.47	112.81	147.02
25 00.45	1	18.12	189.52	18.45	12.48	1847	105.01	100.04	0E.10 17.4P	1524	100.40
30 1 00.45	1.	108.11	10051	105.42	00.47	105.50	106.01	1 95 04	100.10	1 例25	100.40
21 (00.44	1.	11827	14832	(10.41)	110.40	118.45	108.62	198	100.11	112.41	117.82
1 10.01	1	11827	See.	11841	ine .	1840	118.38	iner .	117.46	int .	110.488
Potential purchase (201 Burn of minutes with falser #	100	194	1242	1998		142	1000 1		1266		1345
fathis layout. For each day in set					2.000	0.011.011					1
the second second second second second											
Day in worth Sun rate (ht ma				-			n boards		1000		

GCO_Chaiyaphum_rev		Nugha OWA 1210 Subyai, O					27/5/ benefit	201473	L/S	y Ayeth	19,269 Not kya for educational p
							(Déaleté	H	wrds i bis 6/2 8,288		tur@rutmai.com
HADOW - Calendar	r per	WTG						0.0000			
TG: 5 - GWI Wind GWI	121/2	500 250	0 121.0	101 hui	b: 120.0	m (TO	T. 180.5	5 m) (38	8)		
assumptions for shado to calculated times are "word. The euro is able ing all the day.	case' g	ion by th	v followir	g ann an	tora.						
The rotor plane is always parp The WTCI is always specifing	endoute			te WTG	0.04 94						
(Jan-say	ferre	y (Rev.)	-	-	jáce.	sky	Argent	(inclusion)	-	(howen)	ant/maniner
11.00.41	18.94	100.00	10010	100.01	(現42)	100.47	10556	106.02	100.04	106.11	100.20
2106.43	178.44	108.00	1.06.08	1185,000	110.42	105.47	100.07	106.02	100.04	19611	109.26
117.00	10.12	198.22	119.27	116.30	19.42	10.49	11245	11827	110.04	117.45	117.42
4 (20.42	16.13	198.22	18.27	110.33	18.42	10.00	1245	118.24	1.8.00	112.46	117.42
117.06	10140	100.30	100.08	105.49	105.42	105.48	172.64	186.62	196.85	124	108.37
1 06 43	1214	100.29	105.07	100.49	100.42	105.40	12.44	206.62	100.05	100.12	200.35
6 01.40	100.40	100.25	01.06	118.46	100.43	10148	105.67	100.02	105.00	106.13	109.08
F 105 43	118.14	110.28	18.28	110.34	100.43	112.50	10558	11824	115.01	117.44	117.42
117.58	110.14	118.22	18.28	12,34	12.44	10.56	18.43	118.23	18.00	177.48	117.45
8 100.44	188-42	100.27	19.05	12.48	112.43	10.49	18.42	11623	100.03	17.42	106.29
8 00:44 17:00	10.42	100.27	100.04	10.0	10.43	12.10	10558	106.02	17.08	112.04	117.42
101044	118.42	100.30	100.01	100.47	100.43	100.04	10555	206.03	106.65	100.14	106.20
110.00	110.10	100.25	18.28	193.30	118.48	14.50	11842	11821	117.58	117.42	117.44
1 12 00	1.10.10	118.24	10.28	118.05	118.40	18:50	13241	11820	11757	117.42	117.68
12100.48	198.42	100.25	供信	12.4	100.40	10.50	105.58	199.03	117.02	109.10	100.52
1.0 00.40	18.40	100:24	00.00	100-40	100.43	100.51	100.00	100.02	17.54	17.42	08.52
14 00.40	126.40	198.24	18.29	115.36	100.42	19:55	11240	100.05	105.05	106.18	109.50
18.00 48	11017	100.02	18.28	19.8	12.45	18.50	1839	11018	17.55	117.42	117.45
1 10 00	10.10	110-25	18.28	118.30	10.48	112.49	11839	STATE.	1758.	117.41	517.40
18 00 40	130.30	100.22	100.08	198.40	110.44	10.52	118.38	100.05	117.54	19617	217-46
17100.48	100.00	100.25	101.08	105.40	100.44	105.52	108:08	100.03	106.07	30.10	100.34
10.04	110.00	118.25	11829	112.37	122.47	112.49	119.32	100.03	117.53	117.41	117.40
10.04	112.12	1 182.28	19.00	110.07	118.47	14.48	11837	1818	1753	17.81	117.47
118.00	118.19	105.20	18.38	118.37	110.44	110.45	11837	11814	10007	117.41	117.47
20 00.40	106.37	100.19	101.57	110.44	100,44	100.60	104.00	106.05	106.67	100.18	100.38
21106.46	128.20	100.18	105:06	100.44	108:45	10.51	106.08	106.05	06/09	196.20	108.36
10.06	110,00	110.17	18.00	110.08	112.42	110.49	118.35	11812	100.00	117.41	117.40
1 18 07	14.20	118-28	18.20	10.38	18.48	10.48	118.35	11812	11088	117.81	317.40
23100.48	196,20	198.97	118.00	101.42	110.42	10.54	100.01	105.04	17.58	196.21	106.37
24 05 M	100.00	100.16	14.00	00.40	100.42	10.54	0605	100.04	17.48	196.21	100.38
20 00(40	105.54	00.10	100.04	100.43	105.45	00.54	01.01	100.04	05:08	09.22	1.04.30
112.00	110.04	100.14	19.01	110.00	110.48	10.45	10601	100.04	17.48	17.41	11730
1 68 (08	18.25	178.28	18.20	118.40	110.48	1841	188.32	10.08	11/148	17.01	137.00
37106.40	199,22	10014	10.32	18.45	150.40	100.55	106.01	100.04	117.48	186.28	100.00
22106.48	126.25	100.12	105.22	105.42	100.49	10.55	10001	105.04	00118	105.24	206.40
25 00.40	142	118.20	18.52	110.40	12.48	10.47	18.31	106.04	17,47	17.81	117.00
210.40	1	100.07	10.00	118.41	122.49	1847	1830	18:00	17.47	17.01	197.52
11871	1	158.27	118.32	112.41	115.45	112.46	14#29	10004	177.48	117.41	111788
	£ -	100.11	1	105-40	1.	105.56	10402	1	105.11	1	100.41
811 1 06 44											
	ian ,	i she	1000	1368	jær ,	1402	1962	1047	1346	040	1348

EGCO_Chalyaphum_rev			2500 421 helyspho				3150 Innoted	tora 73	1/E schnolog	y Ayatha	19,269 Nov 20 nyx for educational purpos
							Death	B	ants / 5%	orresta	dor@hiteal.com
SHADOW - Calendar	r per	WTG									
NTG: 6 - GWI Wind GWI	121/25	00 250	0.121.0	O Di hui	b: 120.0	n (TO	T 183.5	i m) (35	92		
Assumptions for shado	w calc	ulation	18								
The coloulable times are "word" The sum is shiring all the day, The rotor place is always parp The WTG is always operating	Fort But	reises for a	uneat	-							
identity	Petersar	y Maryn	(April	Hey	yine.	skip	Hopel	-	lan Grander	-	in Chambler
1 100 41	100.44	186.32	100.10	100.01	10142	100.47	105.06	100	100.00	100.11	100.20
2100.42	100.44	100.01	100.01	105.40	00.42	100.47	105.67	100.00	105.06	200.00	100 (8)
117.02-	148.52	198.22	11827	11833	1842	118.42	(18.45	98.22	112.54	10.45	(17.42
17.00	100.00	106.21	19,27	1835	18.42	1800	105.52	14.26	149-000	117.40	100.28
4 100.42	100-48	199.20	196.08	10249	105.42	105.48	105.57	保留	105.05	100.12	100.27
5 109.40	100.40	100.28	1.04:07	125.49	05.42	105.42	105.57	1.00.00	06.05	100.12	106.22
117.57	10.14	198.28	1827	118.32	10.43	11838	118.84	1921	100.00	117.44	101.20
147.87	118.14	148.23	(19,28	13.54	1843	1480	112.43	110.24	118.01	117.64	117.42
7.00.40	1814	06.28	100.05	18548	105.40	125.49	105180	100.02	100.00	100.10	100.28
2 00.44	0.42	06.27	06.65	10040	05.43	155.49	105.58	供助	00.05	10014	08.25
017.08	(10.15)	198.23	118.08	1224	125.43	112.50	118.40	102	105.00	117.40	117.40
112.00	112.18	108.22	110.20	1824	10044	11850	118-62	102.22	112.00	117.40	117.40
10 (08.44	18.42	148.24	106.03	(1235.47	00.43	18650	112-40	(0.0)	106-00	198.14	100.00
11 06.44	10041	106.25	1.04:03	10547	108.48	10630	105.59	00.62	00.00	106.15	100.31
12:00:44	1後補 (例)和	10214	198.02	100.00	105.43	112.50	118.40	190.02	12.17	107.02	00.22
1 48-94	110.17	118.24	11029	118.95	182.45	11850	118.48	18.19	117.67	117.42	112.44
12 / 05 45	機能	10.24	1829	105.48	10143	12.50	118.40	10.10	17.00	価格	100.00
14100.45	100.40	100.25	196.61	105.45	05.43	115.51	105.29	0.00	00.00	198.16	100.25
15 00.45	100.40	100.22	19,29	15.45	05.43	118.50	05.19	00.00	06.00	117.42	117.40
110.000	115.18	10.24	11828	118.36	12.46	11845	(18.20	18.15	177.88	112.81	137.40
10.100	196.38	198.22	100.08	10.45	10548	118.49	118.00	100.00	106.07	112.41	100.38
17 (00.40	175.20	100.21	100.09	05.48	00.44	195.52	1.01.00	06,08	06.07	100.10	00.04
110.04	122.18	10020	11825	10044	17847	118.45	106.00	10.12	117.53	17.41	117.40
19.04	118.18	108.25	118.38	11837	1847	118.45	118.37	18.18	117.52	112.41	(17.47.
110.05	100.00	1828	18558	105.44	18.47	186.62	105.00	(例如)	106.07	10.00	106.06
29 1 06 48	100.37	100-18	14507	105.44	10544	11249	108.00	100.00	00.07	100.09	17.48
21100.45	100.24	100.18	10554	10544	65.41	125.52	118.36	200.020	106.06	199.20	100.36
110.00	118,220	198.23	19.30	1838	12.48	1249	18.00	10.02	117.31	112.21	117.48
1 10 07	118.20	118-24	(1830	110.04	12.48	11848	118.00	108.52	117.80	110.41	137.40
1010646	110.00	196.17	19558	105.43	10048	195.04	100.01	100.00	106.00	180.21	106.27
24 (06:46	196.25	105.15	26.30	105.43	10148	195.84	100.05	00.04	00.00	180.21	100.28
25.100.45	118.00	148.28	1821	118.09	100.40	11548	118.30	100.00	117.40	142.41	1-07-00
118.100	10.21	10.26	11823	18.29	12.42	11848	118.88	10.06	17.49	117.81	17.20
29 100-45	100.34	100.14	100.03	105.42	105.46	110.55	118.32	10.04	100.00	100.02	100.26
27 100 46	國際部	100.14	145.53	105.43	01.44	195.58	106.01	100.04	00.05	100.28	00.38
118.00	1425	198,26	14831	112.40	12.49	11847	178.27	100.04	05.10	10.0	117.01
18.10	1821	18.08	1932	18.40	12.48	11847	(18.21	10.07	17.47	1.12.81	197 52
29 00 45	1	185.52	18152	10.045	12.48	10.10	118.00	100.04	0K.10 1F.4P	1524	100.40
30 1 06 45	1	108,111	100.01	105.42	00.47	100.00	106.01	1 196 04	3100.10	100.25	100.41
108.91	1	11827	11832	118.41	118.48	118.46	118,02	1.9.00	107.46	117.41	117.82
110.11	1	11827	1.	11841	1	116.40	118.38	10	117.46	1	1-07-08
Potential purchases (201 Burn of principal with States #	129	1944	1243	1998	1000	142	1962	1997	1268	(M2	1545
Little loyout. For each day in set	1.1		Sec. 1.		2.000	0.011.01			C. 0.1		
Day in munity Bun rate Dates		of love (h		- 414							

GCO_Chalyaphum_rev		ova 1211 Subyai, O					27/5/ barrent bradit	201473	L/J scheeling	y Ayeth	.9,269 No nya for educational
							- Dealers	H	writs i bio 6/2 8,318	otinuta	to (frainsi an
HADOW - Calendar	per	WTG						0.0000			
TG: 7 - GWI Wind GWI	121/2	500 250	0 121.0) (0) hu	b: 120.0) m (TO	T. 180.	5 m) (40	2)		
assamptions for shadov te calculated times are "word o The sun is shiring all the day. I The roor plane is stways perp The WTG is always spending	case' g	iron by th Fries 30 K	e followir unwil			ę					
(denory)	ferra	-	-	-	ikee .	jky.	Argent	(instead	-	(1.ver.)	a Duanicar
11.00.41	-	18.2	10010	100.01	100.42	19547	10526	100.02	105.04	106.11	106.25
2106.42	12.12	1922	1937	118.00	18.42	12.48	100.07	11828	100.04	19611	109.28
117.00	18.12	116.22	119.27	116.00	110.42	12.49	11848	11827	10.04	11245	117.42
117.00	16.13	158.22	18.27	110.33	18.42	10.00	1245	1826	148:00	117.40	117.42
4 (00 42) 17 08	0140	100.302	1927	105.46	105.42	105.48	105.67	186.62	196.85	188位	106.37
1 00 43	38.43	100.29	105.07	100.46	100.42	105.40	12.44	100.02	100.05	100.12	100.35
6 00.40	196.40	100.25	00.06	100.40	100.43	100.48	105.57	100.02	105.02	10613	100.08
1 17 57 7 1 00 43	1214	110.28	10.28	110.34	10.43	112.50	10558	118.24	115.01	117.44	117.42
117.58	10.14	118.28	18.28	12.34	112.44	110.56	12.43	118.23	18.00	117.48	117-45
R 100.44	18.15	100.27	19.28	18.34	118.64	10.49	1843	11872	117.08	17.42	117.40
10 00: Add	10.42	118.22	100.04	10234	102.45	102.49	105.58	106.02	100.00	1102.54	117.42
1010648	18.42	100.20	100.01	10.47	100.43	100.04	105.55	100.02	106.65	106.14	106.20
1 10 00	10.10	148.24	18.28	110.00	118.40	192,50	11842	11821	117.52	117.42	117.44
110.00	12.10	118.24	10.28	118.00	118.40	18:50	13241	11820	11757	117.42	137.68
121 00 48	(製作)	196.25	供信	12.4	105.43	10.00	105.58	199.03	100.00	109.10	108.02
18 06 40	18.40	100.24	00.00	15.40	100.42	1950	11240	100.02	17.58	17.42	100.52
14 00.40	28.41	100.18	48.29	115.45	10.42	100.51	0559	100.05	105.05	126.58	109.00
18.00 48	1217	他却	18.28	110.00	112.45	00.51	12 29	11818	1755	117.42	111-45
13.00	10.10	11824	18.28	118.30	10.48	112.49	11839	STATE.	17288.	117.41	517.40
18 00 40	12.10	100.00	100.08	198.40	112.44	10.52	118.56	100.05	117.54	19610	217-46
1710048	10.00	100.25	101.08	115.40	1700.44	105.52	108.08	1-06-03	106.07	50.10	100.34
10.04	18.38	06.20	100.08	100.44	12.47	112.49	118.00	100.03	1758	117.41	117.40
1-10.04	12.10	110.20	112.00	110.07	118.47	10.46	11837	1818	1733	17.81	117.47
1.18.08	10.19	18.25	18.38	118.37	110.47	10.45	11837	11814	11782	17.41	137.47
30 00.40	18.17	100.19	10.37	110.44	100.44	110.63	122.35	106.05	106.07	100.18	108.38
21106.46	28.37	100.18	105:06	105.44	108:45	10.53	106.08	106.05	106/09	196.29	108.36
10.0K 322 (0K.40	10,22	100.17	18.30	10.38	12.42	10.49	18.35	100.00	17.53	17.41	117.40 306.27
110.07	18.20	19828	14.20	113.38	18.48	10.48	11835	100.04	117.00	117.87	117.40
1.58.07	10.00	11828	118.01	110.00	110.48	118.48	118.84	11811	117.00	117.41	117.49
24.1 06 AL	19.25	100.16	14.00	00.40	186.42	10.54	14830	100.04	17.48	106.21	117.02
20 00 40	05.54	100.10	10.01	10.43	105.45	10.54	198.01	100.04	17.48	17.41	106.30
29 (00 46	39.04	100.14	105.02	100.40	1101-44	105.55	10601	100.04	00.05	106.22	(06.26
1 CR ON 271 (00:40	協力	1102.28	1420	118.40	110.45	18.47	18.52	11010	117.48	117.01	117.00
1 10 00	18.21	110.00	110.20	118.40	118.49	118.47	118.01	118-58	117.48	(12.41	117.00
221 06.40	18.25	100.12	18.02	100.40	100.49	10.51	18.31	106.04	10618	109.24	2011-40
28 06.40		00.12	101.122	100.40	122.48	10.10	18.30	105.04	06.18	100.24	105.40
		100.11	100.01	115.40	100.47	105.04	100.01	100.04	06.18	106.25	100.41
30 (06.40	E	118.27	118.32	110.41	118.48	112.46	14829	11895	177.48	112.41	117.00
138.71											
118233 (01 1 00:44) (1983)	-	110.17	-	110.41	in.	402	15828	ine.	346	100	117-52

uni EGCO_Chalyaphum_rav			2500-421 helysphu				3150 Innote	2014 73	4/8 schnolog	y Ayatha	19,269 Nov 20 na hr etuatorel purpos
							Death	si	anis / 6%	orente	ton@hiteai.com
SHADOW - Calenda	r per	WTG									
VTG: 8 - GWI Wind GWI	121/25	00 250	0.121.0	101 hu	b: 120.0	n (TO	T: 183.5	5 m) (43	23		
Assumptions for shado	w calc	ulation	s								
The coloulated times are "word The sum is shiring all the day. The rotor plane is stiways per The WTG is always operating	Fort But	reises for a	uneat	-							
identity	Petroat	y Maryn	(April	Ne	yine.	skip	Hopel	-	lan Grander	-	or Chambler
1 100 41	100.44	188.32	100.10	100.01	10142	185.47	105.06	100	100.00	100.11	100.20
210642	100.44	108.22	100.05	105.40	00.42	118.49	100.00	100	105.06	200.00	1.00.28
117.05	198.44	19.22	11827	11833	1842	118.42	(18.45	142	19.94	117.45	117.42
117.00	计操程	148.02	19,27	1835	18.42	1800	118.40	148.24	18.00	117.40	147.42
4 100.42	106-48	198,20	196.08	110.49	105.42	105.48	105.57	後位	106.00	100.12	100.27
5 109.45	1100.40	100.28	10407	(25.49	05.42	105.42	105.57	())))())))())))()))())())())())())())()	06.05	100.12	106.28
11757	10.14	1923	1827	118.32	10143	118.49	118.84	1925	16.00	117.66	100.20
147.87	10.14	16.23	19,28	112.54	1843	1480	112.43	118.24	10.01	17.44	117.42
7.100.45	11214	105.28	1828	18248	105.40	118.49	105180	106.42	1 10:00	110112	1190.285
2 00.44	10.10	06.27	06.65	10040	05.43	155.49	105.58	供应	05.05	100.14	100.35
9-105-64	136.40	118.23	118.08	11834	15.43	112,12	118.40	は日本	100.00	1.08.18	198.30
117.05	110.10	10,22	100.03	1004	10.44	11850	11842	1922	17.58	117.40	177.422
1 10 00	18.46	118.24	(18,28	(1836	18.45	11850	112-62	148.21	117.08	17,42	117.44
17 06.44	100.41	19525	100.02	15547	100.48	18638	105.59	100.62	00.00	106-15	100.31
12.106.44	例和	100.25	106.02	155.45	105.43	10550	105.08	1.90.02	100.00	10635	06.22
112-106-40	112-17	11824	110,091	11835	15845	11850	11241	10.19	117.67	17.42	117.44
118.01	118.17	18:24	1829	118.96	118.46	118.50	118.40	142.15	17.06	117.42	100 EE 177-66
14 100 45	100.40	10025	19681	105.45	105.43	118.57	105.39	0.0	100.00	198.15	100.35
15 01.45	100.40	06.22	106.00	05.43	0543	10001	05.89	00.00	06.00	108.17	08.22
10.00	15.18	198.24	11828	11836	1246	11645	118.28	116.17	117.58	112.81	117.40
118-08	118.18	118.28	1829	118.87	18.48	11849	118.00	158.16	117.58	112.41	117.46
17 190.40	1218	110.21	11829	105.42	11847	190.52	108.00	100.00	106.07	117.41	100.04
18 06.46	06.38	100.20	105.58	10044	00.44	10682	106.00	06.63	106.07	100.12	00.20
15 (00-40)	10.10	19725	1838	105.44	13.47	118.45	118.37	(0,0) (0,0)	06.07	12.4	(1P.47 106.06
110.03	10.10	1828	1830	11837	1847	18.49	118.37	110.14	11152	12.01	117.47
1 18 05	112.19	116.25	21838	110.08	11847	11249	118.00	110.10	117.58	117.41	117.48
21100.45	110.20	100.12	10558	10544	105.44	110.53	106.00	10.00	106.08	100.20	100.00
.22 (01.46	101.00	08.17	100.04	105.44	10045	10552	106.00	00.50	00.00	108.20	06.27
110.07	118.20	118.28	11830	105.42	132.48	11848	118.36	10.02	117.80	10.41	117.40
1 10.07	110.20	19828	118-31	116.43	1248	11848	118.54	10.04	17.50	112.41	117-46
110.000	118.20	148.28	18.31	18.99	10.48	11848	118.50	118.10	117.40	117.41	1107.000
25 00.45	100.39	100.15	10554	100.43	00.40	10034	106.01	00.04	100.00	開設	00.38
26100-45	100.34	00.54	100.53	105.42	105.46	10555	106.01	1.00.04	00.00	196.22	100.28
27 10:40	1425	1828	1831	18.40	18.89	18847	118.32	19.00	00.05	112.41	117.01
1 18.00	118.25	198.26	11831	118.40	12.49	11847	178.31	1.12-06	117.48	117.40	197.00
28106-48	118.00	105.12	19552	105.43	105.46	110.08	106.01	100.04	101.10	100.04	106.40
25 00 45	1	06.52	10152	10043	01:46	186.84	108.01	0.04	06.10	108.24	06.40
10,10	£	11827	11832	118.41	100.47	118.47	118.00	110.04	117.47	117.41	119.41
198.91	1	11827	118.52	118.41	1846	118.45	11828	100	117.46	11240	117.82
11 1 DL 44	1	198.17	1	(1545	1	15.40	106,62	1	100.11		100.41
Potential autohoute 1301	ine .	1254	1273	1 250	ine .	142	1.2462	iour .	288	(MI	1340
								5 C C C	ec		
attis layout. For each day in so	in month	1044 7080	and with	a stad							
Day in month Sun rate (Mr. m Sun aid (Mr. m		nt love (h					6 BORNERS				

GCO_Chalyaphum_rt	rv01	ova 121/ Subyai, O					27/5/2014 7:34 / 8 Learning Healthate of Technology Aprobays This license is CPU/Y to be used for educational pu							
							(Déales	H	wits / bio 6/2 8.258	otorufak	to Ordersi ant			
SHADOW - Calend	ar nor	WTG												
VTG: 9 - GWI Wind GW			0 121.0	0 101 hu	b: 120.0	m (T0	T. 180.	5 m) (4)	35					
Assumptions for shad	ow cal	ulation	5							_				
The calculated forms are "won The ears is shring all the da The rotor plane is stways po The WTCI is always operator	et caese' q y, hore al rpendioJ	piran by th Arrian Io a	e followir unsel			ę.								
iterar		-	-	-		-	August	-	inficien	(1999)	a Duaniar			
11.00.41	180.00	100.22	10010	100.01	105.42	10547	10526	106.52	105.54	106.91	10620			
1.17.54 27.106.427	112.12	118.20	18.27	118.52	118.42	12.48	100.04	11828	100.04	117.46	100.26			
117.00	118.12	114.22	148.27	118.33	118.42	10.49	11845	11827	1854	112.45	11P AZ.			
3100.42	15.13	100.01	18.08	110.50	18.42	15.40	10557	186.62	188.04	间接着	188.28			
4 00 42	10140	100.30	192.08	105.46	105.42	10.48	185.57	186.62	106.85	117.44	100.37			
1 06 43	1.01.42	106.29	105.07	105.49	100.43	105.40	101.17	100.02	100.05	100.12	100.35			
1 CF 02*	10.14	1923	19.27	108.35	100.42	10.50	105.67	11825	108.00	117.44	117.42			
117.57	118.14	110.28	110.28	118.34	148.43	10.50	112.4.3	118.24	11801	117.44	197.42			
F 105 43	100.40	100.28	18.28	105.48	100.42	10.10	10538	106.02	18.00	10612	117-43			
R 100.44	1840	100.27	05.00	125.48	122.43	05.49	0538	100.02	100.03	17.42	108.29			
177.58 8 (DR) A4	18.10	110.22	18.28	12.34	110.43	10.50	11842	118.12	106/08	117.42	317.42			
10,00,44	112.15	118.22	1928	10234	10.44	12.50	100.02	11822	17.08	100.14	117 42			
/ 18:00	110.10	118.24	18.28	110.00	118.40	14.50	11842	11821	1758	117.42	117.44			
11 (0.44	100.41	105.25	19.00	105.47	100.43	18:50	105.05	100.53	105/08	100.15	100.21			
12100.44	100.41	199.25	供应	10.41	105.43	10.00	105.08	199.83	100.00	109.10	109.52			
118.01	1915	118.24	12.28	115.20	118.45	19:50	118.48	11819	117.57	117.42	117.44			
15.01	15.17	110.24	19.29	118.00	18.45	18:50	11240	11819	1758	17.42	117.40			
118.00	110.17	100.28	18.28	10.40	12.45	18.51	18.39	100.05	17.55	117.42	112.45			
18. 00.48	10.40	100.22	18.28	10.40	10142	10.51	05.08	10005	1758	100.17	106.33			
18 00:40	138.39	100.22	100.08	100.40	198.44	108.52	100.29	100.05	106.67	18617	106.34			
1.00.00	1212	118.25	118.29	1938	118.44	198.45	118.50	11816	117.54	112.41	217-46			
(18.04	110.10	118:20	11829	112.37	12.47	112.48	118.32	11818	117.53	17.41	117.40			
13 06.40	110.00	100.20	100.04	102.44	100.44	10.52	108.00	100.03	1733	06.18	100.30			
TH 00-40.	100.00	100.00	105.57	100.44	110.44	10.52	1836	11814	10007	10019	100.00			
20100.40	106.07	100.19	106.57	110.44	100.44	110.62	104.00	106.65	106.07	1-040 198	104.38			
1 15 06 21 1 00:46	19.19	1100.18	10.00	110-38	158.47	10.49	11236	21818	117.57	117.41	117.48			
10.06	118.20	118.20	18.00	110.08	18.40	112-49	118.35	1812	117.82	12.41	117.40			
32 08.40 1 th OF	14.30	100.17	18.20	112.38	18.42	10.52	106.00	11011	108.08	117.81	317.40			
23 00.40	18.30	100.57	118.00	100.42	100.40	10.54	100.01	20645	106-68	198.21	106.37			
24 06 AL	10.22	106.96	185.54	00.40	186.42	100.54	04.01	100.04	OLES	196.21	109.38			
20.00.40	112.20	118.00	18.20	10.00	118.42	10.48	14833	100.04	17.48	117-41	11700			
118.00	11221	118.28	19.01	110.00	(18.AR.	10.48	112.25	118.09	17.48.	17.41	117.00			
29 00-46	100.04	100.14	105.52	100.40	110.45	18.55	10601	1004	10085	100.22	106.39			
3710645	199-33	100.14	08.54	110.43	100.40	100.00	106.01	100.54	117.48	146.28	100.00			
22106.48	118.21	198.26	19.27	100.40	100.4%	0.55	10021	205.04	06.18	109.24	117.00			
25 06.40	118.21	118.26	18.52	10.40	12.48	10.47	18.35	100.04	117,47	1.7.81	117.00			
178.78	1	10.26	10.50	118.81	178.49	18.40	1830	118/06	177:47	17.01	117.82			
30 (06.40	1	100.111	1.001.034	110.40	110.47	105.04	14829	10004	106.18	106.25	100.40			
B1 1 06 44	1	100.11	1	105.42	1	105.54	10402	1	105.11	1	100.41			
Potential sur Yours (201	ine.	199.25	100	110.01	1001	402	15828	ine.	17.46	100	3 12:40			
						r 1		t			e . e			
this laynet. For each day in a	top work	h the folio	wing mut	the apply										
Day in month	neni e	ing time (h	0. mm) ad	h Robert	and times IN	to ment a well	-		. Tochar					

EGCO_Chaiyaphum_rav			2500-421 helysphu				3150 Innote	tora 73	4/10 schnolog	y Ayatha	19,269 Nov 20 nya hr educational purpose
							Death	B	anis / 60 6/2 9 200	ormute	der@hiteal.com
SHADOW - Calendar	r per	WTG	_								
NTG: 10 - GWI Wind GW	121/2	500 25	00 121	0101h	ub: 120	0 m (T)	OT: 180	5m) (4	64)		
Assumptions for shado	w calc	ulation	rs.					_			
The coloulable times are "worst. The sum is shiring all the day, The rotor plane is sterays parp. The WTG is always operating.	Fore au	reiss to a	uneat								
Jenury	Ferrar	-	(April	(May	plane.	skey	itupat	-	angGritation	-	in Chamber
1 (00 A1	100.44	198.32	10610	19551	10042	18547	105.05	185	105.04	10511	100.25
2106.42	18.12	198.22	100.05	11233	100.47	110.47	118.40	1928	118.00	147.46	137.68
117.00	198.52	198.22	11827	11835	1842	118.42	(18.45	14.77	110.04	112.45	117.42
3 1 00 42 17 00	100.00	105.21	196.08	1835	18.42	1800	105.57	(保留)	100.04	18.12	100.28
4 100.42	100.48	1922	196.08	10249	105.42	10548	105.57	保留	106.00	100.12	108.27
5 109.45	1100.40	100.28	10407	(25.49	05.42	105.42	105.57	100.00	06.05	100.12	106.20
117.57	10.14	1923	1827	118.32	12.43	11830	118.44	192	100.00	117.44	107.42
147.87	110.14	16.23	110.08	112.54	1843	1480	112.43	110.24	118.01	117.64	117.42
7.100.40	18.45	06.28	100.05	18548	105.42	105.49	105180	保险	100.05	110.10	100.28
2 00.44	05.42	06.27	00.05	10040	05.43	155.49	105.58	供給	00.05	100.14	100.25
017.08	(10.15.	198.23	118.28	11034	1248	112.50	108.40	10日 第二日	105.00	117.40	117.48
111108	118.18	108.22	(1828	1824	110.44	11850	11842	118.22	112.00	117.40	117.40
10 (18.44	18.42	148.24	106.63	(1838)	100.43	10000	112-40	(0.0)	106-00	198.14	100.00
11 06.44	100.41	106.25	0100	10547	108.48	10630	105.59	00.62	01.05	106.15	100-31
12100.44	後援	10214	118.35	13,25	105.43	112.50	118.40	190.02	10:00	100.12	00.22
2 102-011	112-17	11824	11829	11898	112.45	11850	118.48	18.19	117.67	12.42	112.44
12 06 45	通過	00.24	1829	105.48	10143	12.50	118.40	10.10	100.00	価格	100.00
14 (00.45)	100.40	00.25	196.61	105.45	05.43	115.51	105.39	0.00	00.00	178.16	100.25
10 100 45	100.40	10024	1929	15336	0143	118.50	13.35	100.00	117.00	117.42	117.40
110.000	18.18	18.24	11828	11836	12.46	11845	118.20	18.17	177.00	112.01	137.40
111111	196.38	19823	100.08	1044	10548	11849	118.38	1.06.00	106.07	112.41	100.34
17 (10.40	10.00	100.21	100.09	05.48	0244	190.52	109.00	06.00	06.07	100.18	1.00:104
110,04	100.28	100.20	11829	10044	11849	(13.49)(01.12)	118.38	10.12	17.53	17.41	117.40
19,04	18.18	19725	1838	1837	13.47	18.45	118.37	10.10	11738	112.41	117.47
110.05	110.10	18.28	(1830)	118.07	1847	118.49	(18.36	110.14	11:52	112.01	137.47
20100.48	100.37	198-18	14507	10544	10544	11249	178.30	100.00	06.05	「死作	106.00
21100.45	100.24	100.18	10554	105.44	05.44	128.5.8	106.00	200.020	106.08	110.20	100.26
110.00	18.20	198.23	112.30	11838	128.48	118.49	15.00	100.00	117.57	112.81	117.48
112.07	18.20	118-24	1830	110.04	12.48	11848	118.00	188.01	117.80	110.41	137.00
-10 06.4E	196.20	196-17	19558	105.43	18.48	199.04	118.54	100.00	106.00	180,21	106.27
24 106 46	196.20	105.18	19554	185.43	18.48	195.54	198.05	100,04	100.00	10.21	100.38
25 (90.45	100.34	00.15	0554	100.43	00.48	10034	106.01	00.04	100.00	1 196 221	106.36
28100-65	10.21	06.14	11825	1829	12.43	118.48	118.88	100.04	17.49	117.81	100.26
178.00	18.25	118.26	118-01	18.00	110.00	10.47	118.32	110.00	117-48	112.40	137.01
27 106-46	後期	100.14	146.53	105.43	12.49	11847	106.51	100.04	00.06	100.23	100.28
28106.45	198.00	105.13	0152	105.43	05.46	195.58	106.01	01,04	05.70	100.24	100.40
25 00.45	11821	106,52	1932	118.40	101.48	11547	18.21	100.04	17.45	117.81	117.00
118.10	£ 1	1826	18.92	18.41	12.00	1240	118.00	10.00	117.42	117.61	117.00
30 1 06 45		198.11	146.52	105.42	100.47	100.04	118.05	195.04	100.10	1個語	100.41
31 100.44	£1	298.77	1	(95.42	1	195.04	106.62	1	100.11	1	100.41
Potential automatic 1 301	-	11827	lara	11041	ine.	1849	19.38	iner .	17.46	int .	117.68
Burn of minutes with fisher #	1						· · ·				e e .
lattis layout. For each day in sec	A month	the follo	wing min	W. Apply							
Day is much Sun fall (14) m	-	of loca D	anne i se	. Branni	-	-			in the second		

GCO_Chalyaphum_re	w01	OVM 121 Subyei, C					27/5/ barren Bradit	2014 7 3	2711 echnolog	y Ayeth	19.269 No
							- Déalei	M	webs / 64		to (frains) an
HADOW - Calenda	ar per	WTG						0.5000	1.1.1.1.1.1.1.1		
TG: 11 - GWI Wind GV	NI 121/	2500 25	00 121	0.10(h	ub: 120	0 m (T	OT: 180	15 m) (45)		
assumptions for shado receivability firms are "work The sum is shiring all the day The rotor ptens is strange per The WTCI is sharing repertor	it cases' q y, from a rpendicul	piran by th Arrian To a	e followir unsel			ç.					
järvag	Ferra	-	-	-	ikee.	jing.	Argent	Antes	ingColumn	(howen	in finance
11.00.41	100.04	100.22	10010	120.01	100.42	180.47	10526	106.52	105.04	106.91	10628
117.04	112.12	1922	18.27	118.52	118.42	18.49	100.24	11828	106.04	117.48	100.28
117.00	15.12	198.22	119.27	116.00	19.42	12.49	11845	11827	118.04	112.45	117.42
1.47.000	16.13	118.22	18.27	110.33	18.42	18.40	1245	118.26	12.00	112.46	117.42
4 (05 4)	10140	100.30	100.08	100.46	105.42	10.50	125.57	19642	106.85	17.44	100.37
11 06 43	1.01.42	106.29	106.07	105.49	126.43	105.48	105.57	206.62	100.05	1.00.12	200.00
1 CF 07 6 - 00.40	10.10	1923	19.00	100.00	100.42	10.10	105.67	11825	1100.000	117.48	117.42
F 105 43	110.14	110.23	10.28	19.34	10.43	10.55	105.58	118.24	118.01	117.44	1177.42
117.58	110.14	118.02	18.28	112.34	12.44	18.56	18.43	118.23	18.00	112.43	117.45
R 100.44	1840	100.27	19.05	12.40	118.44	10.45	1842	11812	100.05	17.42	108.29
8 00.44	100.42	1.00.27	100.04	100.47	100.43	105.49	110.58	100.02	106/68	108.54	100.00
10.00	1010	118.22	1028	100.47	110.44	118.50	105.68	11822	17.08	100.14	117.42
/ 10:00	110.10	140.24	10.28	1931	118.40	192.50	11842	11821	17.52	117.42	117.44
1 10 00	1.10.10	118.24	10.28	118.00	118.40	18:50	13241	11820	17757	117.42	117.44
1210048	199.45	195.25	10,00	111月	105.43	10.50	10509	19983	1757	109.10	109.02
1.0 00.40	15.40	100.24	00.01	10.40	100.42	105.51	0000	10000	10000	100.10	100.52
14.00.40	15.17	110.24	18.29	110.00	100.42	19:55	11240	11819	117.50	17.42	117.40
1100	110.17	118.04	118.28	112.38	12.45	18.50	18.39	11818	177.55	117.81	112.45
18.100.40	10.40	100.22	18.28	10.40	100,42	100.01	105.58	10005	17.58	100.07	106.33
18 00 40	110.30	100.22	100.08	100.40	100.44	100.52	100.29	100.05	105.67	19610	106.34
17100.40	12.12	198.25	118.29	19.36	112.44	110.49	118.58	10816	11754	112.41	217-46 100.34
13.04	10.10	11825	1829	1237	18.47	112.49	119.32	100.03	17753	17.41	117.40
118.06	110.10	11823	18.30	118.07	18.47	10.46	118.57	11818	117.52	17.81	157.47
18100.40	110.00	106.20	105.57	100.44	110.44	10.52	1826	11814	17782	17.41	100.00
20(00.40	106.37	100.19	106.57	110.44	100.44	110.63	104.00	106.65	106.07	100.18	108.38
1 15 06 21 1 06 46	118.18	110.18	18.00	110.00	158.47	10.49	11236	100.05	117.57	117.41	117.48
10.00	110,00	100.17	18.30	122.38	12.42	10.49	18.35	1812	17.53	17.41	117.40
1.00	110.20	116.28	18.20	10.38	18.42	10.48	118.35	10011	110.00	117.81	317.40
23 00 40	116.20	198.97	118.00	101.42	110.40	10.54	100.01	100.05	106-68	190.21	106.37
24 05 AL	100.000	3.06.96	1854	05.40	135.42	340.54	104.01	206.04	106.88	196.21	101.38
20 00 40	19.35	118.20	18.01	10.30	118.48	10.48	14833	100.04	01/148	17.41	1117.00
10,00	119.21	100.04	19.01	10.00	110.48	10.48	1229	18.09	17.48	17.41	11730
1 68 08	18.21	138.28	18.20	118.40	118.48	18.47	188.30	18-18	11548.	17.01	137.00
3710640	100.00	10014	100.52	18.45	150.40	100.00	106.01	100.54	117.48	146.28	100.00
221 06.48	126.05	100.12	100.027	105.42	100.4%	10.55	10001	105.04	06.78	105.24	106.40
2510640	11821	118.26	18.50	10.40	12.48	10.47	18.35	100.04	117,47	17.81	117.00
1.18.10		146.26	10.20	110.01	178.49	18.40	1830	118/06	TPAP	17.81	117.52
30 (06.40 1 10.11	1	198.17	100.01	10.41	110.47	112.46	14829	10004	10615	10625	157.92
B1 1 00:44	1	100.11	1	105.40	1	100.04	10600	1	00.11	1	100.41
Potential part hours (201	ine.	1.254	in .	1368	ine .	402	1.942	iner.	1.346	ine .	
											8 . E
is layned. For each day in a	toh mont	h the follo	wing mat	IN ADDA							
1 10:11 (0) 40:44 (10:11) Potential sum Yours (10:1	a Loth month rengi i f	1 10 27 100 11 1 10 27 1 274 1 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		10.41 10.41 10.41 10.41 10.41 10.41 10.41	110.40 1 120-1 1 120-1 1 120-1	112.46 112.46 1422	14829 10402 15828 1362	isten	177.48 (00.11) 177.48 1346	117.41	100.41

EGCO_Chaiyaphum_rav			2500-421 helysphu				3150 Innoted	tora 73	Li (2 schnolog	y Ayatha	19,269 Nov 20 nyx for educational purpos
							Death	B	anits / 64x	ormute	dor@fistewi.com
SHADOW - Calendar	r per	WTG	_								
NTO: 12 - GWI Wind GW	121/2	500 25	00 121	0101h	ub: 120	0 m (T)	OT: 180	5m) (4	(62		
Assumptions for shado	w calc	ulation	rs.					_			
The coloulable times are "worst The sum is shiring all the day, The rotor plane is sterays parp The WTG is sheavy operating	Fore au	visa lis a	uneat								
Jenury	Ferrar	(Harm	(April	Ney	yine.	skip	(August	-	ar Gitalar	-	in Chamber
1 00 41	100.44	180.32	10610	19551	10542	185.47	105.05	1000	100.00	18611	100.251
2 (00.42	100.44	108.22	100.01	110032	10042	112.49	118.40	1923	105.06	117.46	137.60
117.00	198.52	198.22	11827	11832	1842	11849	(18.45	14.77	110.04	112.45	(17.42
3 1 00 42 17 00	100.00	106.21	196.08	1835	18.42	1849	105.57	(保留)	100.04	18.12	100.28
4 100.42	100.48	199.20	196.08	10249	105.42	100.48	105.57	後位	106.00	100.12	100.27
5 09.45	1100.40	100.28	10407	(25.49	05.42	105.42	105.57	100.02	06.05	100.12	106.28
117.57	10.14	198.23	1827	118.32	12.43	11810	118.44	1921	100.00	117.44	117.42
147.87	110.14	16.23	110.08	13.54	1843	148.60	112.43	110.24	118.01	117.64	117.42
F (00.40) 17.10	100.40	195.28	100.05	18548	105.40	125.49	105180	100.02	100.00	100.10	100.28
8 00.44	05.42	06.27	00.05	10040	05.43	155.49	105.58	供应	00.05	100.14	100.25
017.08	(10.15.	118.23	118.28	1224	1248	112.50	105.12	10日 1時間	105.00	117.40	117.48
111000	118.18	108.22	(1828	1824	110.44	11850	11840	1 10 22	112.00	117.40	117.42
10 (08.44	18.42	148.24	106.63	(1836)	100.43	10000	112-40	(0.0)	106-00	198.14	100.00
11 06.44	100.41	106.25	0100	10546	108.48	10630	105.59	00.62	01.05	106.15	100-31
110.00	は相	10214	119.25	103.25	105.43	11250	118.40	190.00	10:00	100.12	00.22
2 102-011	18.76	11824	11828	11898	112.45	11850	118.48	18.19	117.67	12.42	112.44
12 06-45	100.40	100.24	1828	112.04	10143	12.50	118.40	10.00	100.00	開作	101 82
14 100-45	100.48	00.25	196.61	105.45	105.43	115.51	105.25	0.00	01.01	198.16	100.25
15 04	18:17	100.22	1929	15.45	0543	11830	01.09	100.00	06:00	117.01	117.42
1.00 (00)	18.18	10.24	1928	1836	12.48	11845	18.20	10.17	17.50	112.01	117.40
10.00	1100.000	110.22	1829	118,36	100.48	11849	118.38	198,00	106.07	112.41	157.46
17 (90.40) (10.04)	10.00	100.21	11829	10548	00.44	190.52	109.00	10.00	06.07	117.41	100.04
18 06.46	06.38	100.20	195.58	10044	00.44	10182	106.00	06.63	106.07	100.12	00.30
19,04	18.18	19725	11828	11837	13.47	118.45	118.37	10.10	117.52	112.41	117.47
110.05	110.10	18.28	(1830)	118.07	1847	12.49	(18.36	110.14	11/52	112.01	177.47
20100.48	100.37	198-18	14507	105.44	10544	11249	178.30	100.00	06.05	「死作	106.00
21100.45	100.24	106.18	10554	10544	105.44	128.5.8	106.00	200.020	106.06	110.20	100.36
110.00	18.20	198.17	11230	11828	128.48	118.49	15.00	100.00	117.57	112.81	117.48
118-05	18.20	148.23	1830	110.04	12.48	11848	118.00	188.01	117.80	110.41	137.00
10 1 06 4E 1 10 07	1.000.000	196.17	19558	105.43	100.48	199.04	118.54	1.08.00	106.00	110,21	106.27
24 106-45	148.00	105.15	18554	185.43	18.48	195.54	108.05	100,04	108-08	180.21	100.38
25 (90.45	100.34	00.15	0554	100.43	00.48	10034	106.01	00.04	100.00	1 196 221	100.36
118.100 219.100-45	10.21	100.14	11825	100.40	12.43	118.48	118.88	100.04	17.49	117.81	100.25
178.00	18.25	118.26	118-01	118.00	110.00	1847	118.32	110.00	117.48	112.40	117.01
27 106-46	後期	100.14	146.53	100.43	100.48	11847	106.51	100.04	00.06	100.23	100.28
28106.45	100.00	146.13	0152	105.43	05.46	195.58	106.01	01,04	01.70	100.24	100.40
25 00 45	11821	106.52	1932	118.40	101.48	11547	18.21	100.04	17.45	117.81	117.00
118.10	£	1826	18.92	18.41	12.00	1240	118.00	10.00	117.42	117.61	177.000
30 (06 64		198.11	146.52	105.42	100.47	100.04	118.05	195.04	100.10	1個語	100.40
31 100.44	£1	298.77	1	(95.42	1	195.04	106.62	1	100.11	1	00.41
Potential automatic 1 301	-	11827	lara	11041	ine.	1849	19.38	iner .	17.46	int .	117.68
Burn of minutes with fisher #	1										8 8
lable layout. For each day in each	A month	the lotte	wing mid	THE ADDRY							
Day is much Sun fee (54, 15	-	of local D	transi se	a facesaria	of long D			-			

GCO_Chaiyaphum_re	v01	GVM 1211 Subyai, O					27/5/ bare built	2014 7 3	4/13 echnolog	y Ayeth	19,269 No kya for educational j
							(Déalet	M	writi i blo 6/2 8,218	ormatik	ter (freitrei sin
HADOW - Calenda	r per	WTG						0.5000			
TG: 13 - GWI Wind GV	Vi 121/	2500 25	00 121	0.10(h	ub: 120	0 m (T	OT: 180	15 m) (67)		
assumptions for shade to calculated firms are "work The sun is shring all the day The roor plane is stways per The WTCL is shady reporting	t cases' (, how a periodicul	piron by th drains to a	e followir unsel			e.					
identity	Perso	-	(April	-	jáce.	-	Argent	(heaters	imprisier	(10000	a floaniar
1100.41	100.04	100.22	100.10	100.01	100.42	INCAT	10526	100.02	105.04	106.11	106.25
2106.42	12.12	1922	19.05	118.00	118.42	10.49	100.04	11828	158.04	110.11	109.26
117.00	10.02	116.22	119.27	116.33	110.42	112.49	11845	11827	118.54	112.45	117.42
4 100 42	1613	192	18.27	10.35	18.42	10.40	1245	11826	1250	117.45	117.42
177.06	110.10	118.22	18.27	118.35	118 42	18.50	172.64	1826	18.82	117.44	117.42
1.00.43	1214	100.29	105.07	100.49	100.42	10.40	1244	100.02	100.05	100.12	200.35
6100.42	100.40	100.25	01.06	118.46	100.42	10.48	105.67	100.02	105.00	146.13	109.08
710648	1914	119.28	18.28	19.34	10.43	10.55	105.58	11824	118.01	117.44	117.42
117.58 81.00 Ad	112.14	110.12	18.28	12.34	112.44	10.55	12.43	11823	18.00	117.43	117-45
17.08	18.10	110.23	18.28	18.34	112.64	10.50	1842	11822	12.08	17.42	337.40
10 (0) A4 (17 00)	110.42	118.22	100.04	110.47	110.43	105.49	186.58	100.02	1708	1102.54	117.42
10:00:44	198.40	100.30	10001	10.47	110.40	10.00	105.55	206.62	100.03	106.14	106.20
110.44	10.4	100.25	18,28	10.4	100.43	196.50	101.05	11821	106.08	100.15	100.21
12100	110.10	116.24	1928	110.00	118.40	10:50	105.08	100.00	17757	117.42	117.44
1 18.01	110.15	118.24	18.28	15.25	18:45	18:50	18.48	11819	11757	117.42	117.44
1.0 1 00.40	18.42	190.24	10.29	100.40	100.43	1950	11240	100.02	17.58	17.42	117.48
14 00.40	128.40	100.28	000	16.6	100.42	10.51	0559	100.05	105.05	106.18	109.50
10.100.40	105.20	100.22	06,00	10140	101.43	05.51	05.58	100.05	06.06	100.07	06.33
10.02	116.10	1924	18.28	116.00	118.48	112.49	11839	11817	117.58	115.81	517.40
1.58.00	11218	118.25	118.29	19536	118.40	118.49	118.58	11816	117.54	112.41	217.46
17 00:40	110.00	100.25	101.08	100.40	122.44	105.52	118.38	10003	198.07	17.41	108.54
12 05 40	110.00	00.20	100.04	102.44	100.44	101.52	100.00	1818	1753	106.18	108.30
TH I 00.40	1.091.005	106.20	105.57	1.00.44	100.44	105.62	106.00	200.03	0007	100.10	108.30
1 18 08	110.10	198.25	12.31	116.37	110.44	110.45	11836	11814	11732	117.41	177.47
1.5.05	118.18	118.25	118.00	118.58	158.47	112.49	11236	21818	117881	117.41	337.48
21106.46	198,39	100.10	18.00	100.44	100.44	10.51	105.00	186.85	106.08	196.20	117.40
32 01.41	100.00	100.17	10.00	110.04	100.40	105.52	106.00	100.00	10108	100.20	101.27
23100.40	18.30	100.57	1.001.021	118.42	100.40	100.54	100.01	100.05	100-00	196.21	106.37
1 10.0P	110.00	19828	118.00	19.8	110.48	110.48	11834	100.04	117.58	117.41	117.49
10.08	110.20	118.00	14.01	10.00	118.40	10.48	10000	11810	17.48	17.41	117.02
118.00	110.21	10.20	18.01	10.00	(18.AR.	10.48	112.20	118.09	17.48	17.41	11730
29 00-46	100.04	100.14	105.52	100.40	110.46	10.47	106.01	200.04	thes	106.22	106.26
2710646	198-33	100.14	00.52	118.43	100.46	100.00	104.01	100.54	105.09	146.28	100.00
15.00	118.21	198.26	19.20	118.40	110.49	112.47	10001	178-08. 196-04	117.48	109.24	117.00
1.10.10	11821	118.26	18.00	12.45	12.48	12.47	18.01	118/07	17.47	17.81	117.00
2610648	1	100.12	10.02	110.40	120.48	10.55	1830	18:00	106.10	17.91	105.40
30 (0K.40) 1 10 ()	1	100.17	100.01	110.45	110.47	112.46	14829	100.04	106.10	106.25	100.40
BT 1 06 44	1	100.11	1	105.42	1	105.54	10600	1	105.11	1	100.41
Potential sur fours 1 201	in.	110.07	100	110.01	line	402	1982	ine.	17.46	100	117.62
Last of mellules with Noter 1											t
this laynest. For each day in ea	oh mont	th the follo	whig mit	THE ADDRY							
Day in month Bun new (hrt m Bun and (hrt m	-	instante (h	treme and	h ficher L	ant time (S	trong with	n fuckartol	rube wit	Tohar		

EGCO_Chaiyaphum_rav			2500-421 helysphu				3150 Innoted	tora 73	4/14 schnolog	y Ayatha	19,269 Nov 20 nyx for educational purpose
							Death	B	anits / 64x	ormute	dor@fistewi.com
SHADOW - Calendar	r per	WTG	_								
NTO: 14 - GWI Wind GW	1210	500 25	00 121	0101h	ub: 120	0 m (T)	OT: 180	5m) (4	(81		
Assumptions for shado	w calc	ulation	rs.					_			
The coloulable times are "worst. The sum is shiring all the day, The rotor plane is sterays parp. The WTG is always operating.	First but	reiss to a	uneat								
Jenury	ferrar	7 78a-17	(April	Ney	yine.	skip	(August	-	an Granter	-	in Chamber
1 (00 A1	100.44	198.32	10610	19551	10042	18547	105.05	185	100.00	10511	100.25
2 (00.42	18.12	108.22	100.01	11033	10042	112.49	118.40	1923	105.06	117.46	137.60
1 17 88-	198.52	198-22	11827	11832	1842	11849	(18.45	14.77	110.04	112.45	117.42
3 1 00 42 17 00	144	105.21	196.08	18.55	18.42	1849	105.57	(保留)	100.04	18.12	10028
4 100.42	100.48	1922	196.08	10249	105.42	100.48	105.57	後位	106.00	100.12	100.27
5 09.45	1100.40	100.28	10407	(25.49	05.42	105.42	105.57	100.02	101.01	100.12	106.28
117.57	10.14	1923	1827	118.32	12.43	11810	118.44	1921	100-00	117.44	117.42
147.87	110.14	16.23	110.08	112.54	1843	148.60	112.43	110.24	118.01	112.45	117.42
F (00.40) 17.10	1814	06.28	100.05	18548	105.42	125.49	105180	100.02	100.00	100.10	100.28
2 00.44	05.42	06.27	00.05	10040	05.43	155.49	105.58	供应	00.05	100.14	100.25
017.08	(12.15.	198.23	118.08	11034	1248	112.50	105.12	10日 1時間	105.00	117.43	117.48
111100	118.18	108.22	(1828	1824	110.44	11850	11840	1 10 22	112.00	117.40	117.40
10 (06.44	18.42	148.24	106.63	(1836	100.43	10000	112.40	(0.0)	106-00	198.14	100.00
11 106.44	100.41	106.25	0100	10546	108.48	10630	105.09	00.62	01.05	106.15	100-31
110.00	1後補 (例約	10214	119.25	15.45	105.43	11250	118.40	190.00	10:00	100.12	00.22
2 108-001	18.76	11824	11828	118.98	112.45	11850	118.48	18.19	117.67	12.42	112.44
12 06 45	100.00	10.24	1828	105.48	10143	12.50	118.40	10.10	100.00	価格	100.00
14 (00.45)	100.48	00.25	196.61	10545	105.43	115.51	105.28	0.00	00.00	178.16	100.25
10 100 40	110.17	10024	1929	15.35	112.48	118.50	13.35	100.00	00.00	117.40	117.40
1.00 (00)	118.18	18.24	11828	11836	12.46	11845	118.20	18.17	177.88	112.01	137.40
111111	196.38	19823	100.08	1044	105.43	11849	118.38	1.06.00	106.07	112.41	100.34
17 (10.40	10.00	100.21	100.09	05.48	02.44	190.52	109.00	06.00	06.07	100.18	00.04
110,04	100.28	10020	195.04	10044	11849	(13.49)(01.12)	118.38	10.12	177.52	17.41	117.40
19,04	18.18	107.25	118,28	1837	13.47	1849	118.37	10.10	117.52	112.41	10.25
110.05	110.10	188.28	(1830)	118.07	1847	12.49	(18.36	110.14	11/52	112.01	137.47
2010648	100.37	198-18	14507	10544	10544	11249	178.30	100.00	06.05	「死作	106.00
21100.45	100.24	100.18	10554	105.44	105.44	128.5.8	106.00	200.020	106.06	110.20	100.36
110.00	18.20	198.23	11230	118.58	125.48	118.49	15.00	100.00	117.57	112.81	117.48
1 18 196	18.20	148.23	1830	110.04	12.48	11848	118.00	188.01	117.80	110.41	137.00
-10 06.4E	196.20	196-17	19558	105.43	18.48	199.04	118.54	100.00	106.00	180,21	106.27
24 106-45	148.00	105.18	19554	185.43	18.48	195.54	198.05	100,04	100-00	10.21	100.38
25 (90.45	00.34	00.15	0554	100.43	00.48	10034	106.01	00.04	100.00	1 196 221	106.36
1 10:10	110.21	118.26	11821	18,29	12.43	110.42	118.82	100.00	117.49	117.81	117.00
29 100-45	100.34	100,14	118-01	18.00	110.00	1847	118.32	110.00	17-48	112.40	100.20
27 100-40	後加	100.14	14552	105.43	12.49	10.08	106.51	100.04	00.06	100.23	100.28
28106.45	100.00	105.13	0152	105.43	05.46	195.58	106.01	01,04	01.70	100.24	100.40
15-10 29 00-46	1821	106,52	1932	118.40	105.48	11847	18.21	10.07	17.45	17.81	117.00
118.10	£	1826	18.92	18.41	12.00	1240	118.00	10.00	117.42	117.61	117.00
30 (00.64	E	198,11	100.01	105.42	100.47	120.04	108.01	195.04	100.10	1825	100.40
31 100.44	£1 - 1	298.77	1	(95.42	1	195.04	106.62	1	100.11	1	100.41
Potential automatic 1 301	-	11827	lara	11041	ine.	1849	19.38	iner .	17.46	int .	117.68
Burn of minutes with fisher #	1						· · ·				8 8
lable layout. For each day in each	A month	the lotte	wing mid	W. Apply							
Day is much Sun fee (54, 15	-	of loca D	annual set	- farmeri	of long in				in the second		

eor EGCO_Chalyaphum_rev		ova 121/ Subyai, O					27/5/ barrent bradit	2014 7 3	i/ts ichnolog	y Ayeth	19,269 Not eye for educational p
							(Dealers	H	writu'i bio 6/2 8,258		to (frainsi am
SHADOW - Calenda	r per	WTG						0.0000			
VTG: 15 - GWI Wind GW	1 121/2	2500 25	00 121	0.101h	ub: 120	0 m (T	OT: 180	(5 m) (4	(9)		
Assumptions for shado the saturated fores are freque The sun is shring all the day. The roor pane is strang pay	cees' g from au	ionen by the Period To M	e followir unwil								
The WTCI is always operating											
(dervery	ferra	-	(April	(Aug	ikee .	sky.	August	(instead	infortaine	Rowen	an December
1100.41	18.94	10.22	10010	100.01	105.42	1 MAP	10556	106.52	100.04	100.11	100.25
2106.43	178.44	100.01	100.08	186.00	110.42	180.67	100.04	11828	100.04	19611	106.26
117.00	10.12	116.22	118.27	116.32	19.42	10.49	11845	11827	118.54	112.45	117.45
1.17.00	16.13	198.22	18.27	148.33	18.42	10.40	12.45	118.24	12.00	112.46	117.42
4 (0) 42	100.40	100.30	10.05	100.46	105.42	10.45	125.57	186.62	106.85	17.44	100.37
5.100.48	10143	106.29	05.07	105.49	126:42	10.40	105.67	206.62	00.05	100.12	106.37
1 17 08	10.14	198.23	19.27	110.00	110.43	10.50	100.07	11825	100.00	117.48	117.42
1 17 57	118.14	110.28	18.28	118.22	141.43	10.00	1243	118.24	118.01	112.48	177.42
F 1 (6) 43	100.40	106.28	18.00	100.48	100.42	10.49	10538	106.02	118.00	106.12	119.25
8100.44	1版化	100.27	05.05	115.48	102 43	101.49	0538	100.02	100.05	200,04	108.09
17.68	18.10	11022	15.28	112.34	110.43	10.50	110.58	11822	17.58	17.42	117.40
1 17 100	11215	118.22	11028	110.24	110.44	18.50	118.42	11822	117.08	117.42	117.42
10106-44	110.01	100.30	100.00	100.47	100.42	14.54	10558	10843	00.01	100.14	106.30
11 00 44	100.41	106:25	供加	105.45	100.43	185.50	10558	106-62	06.00	10615	169.21
1210048	1.102.20	118.24	19.28	110.00	118.40	18:50	105.09	11820	1757	117.42	137.48
1 18.01	110.40	118.24	12.28	16.40	100.43	18.50	18.40	11819	17.55	117.42	137.44
1.8 - 06.40	18.40	100.24	18.29	19.36	100.42	10.51	112-45	10002	17.54	17.42	100.32
14 00.40	28.41	100.18	- 00 OK -	115-65	100.43	100.51	0059	100.05	105.05	126.58	109.00
18.00 40	112.17	10.22	18.28	123	112.45	10.49	12 29	11818	17.55	17.81	117.45
18.02	10.10	11826	18.28	118.30	10.48	112.49	11839	STATE.	1754	117.41	517.40
18 00.40	110.30	100.00	100.08	184	192.43	10.52	118.59	100.05	117.54	19610	106.34
17100:40	100.00	100.25	101.08	105-48	100.44	105.52	108.08	100.03	106.57	30.10	100.34
18.04	10.10	11828	118.29	12.37	122.47	112.49	119.32	100.03	1753	17.41	117.40
1.10.04	110.10	114.00	118,28	118.07	118.47	110.46	118.27	11818	1753	17.81	117.47
TE 00.4L	126.25	100.10	10.57	100.04	110.44	10.62	1836	20033	10007	10019	100.00
20(00.40	106.37	100.19	106.57	110.44	100.44	100.62	104.00	106.65	106.07	100.18	108.38
1 15 06 27 1 06 46	110.10	110.18	18.00	110.00	158.47	10.49	100.00	21818	117.57	117.41	117.48
112.06	110.19	118.20	118.30	112.38	18.42	10.48	118.35	11812	117.82	117.41	117.40
32 00.40	100.00	100.17	10.00	10.42	100.40	10.55	106.00	10000	101.08	100.20	206.27
23100.40	18.30	100.57	1.00.53	118.42	100.40	100.54	100.01	100.05	00.00	196.21	106.37
19.07	142.20	110.00	118.00	198.00	110.48	112.48	11834	11811	117.58	117.41	117.40
110.06	19:35	118.00	18.01	10.00	18.40	10.48	11833	11819	17.48	17.41	117.00
20 00.40	105.34	100.12	10.04	100.43	105.45	10.54	108.01	100.04	17.48	17.41	106.30
29 00 46	1.06.04	100.14	105.52	100.40	100.46	10.55	100.01	200.04	00.05	109.22	(06.26
1 08 08	1421	1102.28	1220	118.40	110.45	1847	18.52	11010	117.48	17.01	117.00
1 15 59	118.21	110.00	110.20	118.49	110.49	118.41	1831	11818	117.48	112.41	197.00
22106.48	1182	100.12	18.52	10.42	100.49	0.55	1821	105.04	0019	100.23	117.00
25 06.40	1000	100.12	01.02	(10.40	105.48	100.00	00.01	206.04	106.18	00.24	106.40
10.44	1	100.00	10.00	118.41	118.49	10.00	1830	100.04	17:47	17.01	117.52
138.71	£	138.27	1 18 32	110.01	118.48	112.46	14829	10004	177.48	117.41	1.57 (6)
BT 1 06 44	£.	100.11	1	105.42	1	105.56	100.01	1	105.11	1	100.41
			1.00		Sec. 1			iner.	177-66	ine .	1548
Potential automatic (201)	1.008	1994	1.075	1360	1001	402	1362			1.040	

EGCO_Chaiyaphum_rav			2500-421 helysphu				3150 Innote	tora 73	4/18 schnolog	y Ayatha	19,269 Nov 20 nor educational purpose
							Death	B	anis / 60 6/2 9 200	ormute	tor@hiteal.com
SHADOW - Calendar	r per	WTG	_								
NTG: 16 - GWI Wind GW	1210	500 25	00 121	0101h	ub: 120	0 m (T)	OT: 180	5m) (501		
Assumptions for shado	w calc	ulation	rs.								
The coloulable times are "worst. The sum is shiring all the day, The rotor plane is sterays parp. The WTG is always operating.	First but	reiss to a	uneat								
Jenury	ferrar	7 78a-17	(April	Ney	yine.	skip	(August	-	lefő;tvier	-	in Chamber
1 (00 A1	100.44	198.32	10610	19551	10042	18547	105.05	-	100.00	10511	100.25
2 (00.42	18.17	198.22	100.01	10540	100.47	110.47	118.40	1928	110.04	147.46	137.46
117.02-	198.52	198.22	11827	15832	1842	11849	(18.45)	9427	110.04	10.45	117.42
17.00	10.00	148.02	19,27	1835	18.42	1849	118.40	14.26	100.04	117.40	10028
4 100.42	100.48	1922	196.08	10249	105.42	100.48	105.57	後位	106.00	100.12	100.27
5 109.40	100.40	100.28	10407	(25.49	05.42	105.42	105.57	100.02	101.00	100.12	106.228
117.00	10.14	1923	11827	118.32	12.43	11810	118.44	1921	100-00	117.44	107.42
147.87	110.14	16.23	110.08	112.54	1843	148.60	112.43	110.24	118.01	112.45	117.42
710040	1814	06.28	100.05	10548	105.42	118.49	105180	(第七)	100.05	117.45	100.28
8 00.44	05.42	06.27	06.65	10040	05.43	155.49	105.58	供应	00.05	100.14	108.25
9105.44	(10.15)	11823	118.08	11234	15.43	112.50	118-42	10日 1時間	105.00	117.40	117.40
111100	118.18	118.22	(18.28	1824	110.44	11850	11840	1 10 22	112.00	117.40	117.48
10 (06.44)	12.46	148.24	106.03	(1836	100.43	10000	112.40	(0.0)	106-00	198.14	100.00
11 10.44	100.41	106.25	109.02	10546	108.48	10630	105.58	褐色	01.05	106.15	100.31
110.00	110.16	112.24	118.35	18.25	105.43	112.50	118.40	190.02	117.88	100.12	06.22
12 106.46	(例約) (後外)	20523	110002	11808	18:45	11850	118.48	10,10	17.50	12.42	12.44
12 06 45	100.00	10.24	0001	105.48	10143	12.50	118.40	10.10	100.00	価格	100.00
14 (00.45)	100.48	00.25	196.01	10545	105.43	10.51	105.28	0.00	00.00	178.16	100.35.
10 100 40	110.17	10024	119:29	15.35	112.48	112.49	13.35	100.00	117.00	117.40	117.40
1.00 (00)	118.18	18.24	11828	11836	12.46	11845	118.20	18.17	177.00	112.01	137.40
10106-00	196.38	198.22	100.08	105.45	105.43	110.02	100.00	100.00	105.06	100.17	100.38
17 (00.40	19.39	100.21	100.09	10548	00.44	190.52	109.00	100,008	06.07	100.18	1.00.04
10:04	11213	10020	11825	10044	17847	118.49	106.00	10.12	117.53	17.41	117.40
110.04	118.18	108.25	118.28	11837	1847	118.45	118.27	18.18	117.55	112.41	117.47
19 (00-40)	100.00	100.18	18357	105.44	18.47	186.62	105.00	100.00	100.07	12.01	106.05
29 (00 45	106.37	100-18	146.62	105.44	105.44	196.53	100.00	1 98 55	06.07	100.19	06.00
2110040	112.15	198.25	10554	110.08	15847	11249	118.00	100.00	117.51	117.41	117.48
178.00	112 18	1923	110.30	18.56	12.48	1249	118.00	108.12	115.28	112.21	117.48
12100.40	100.00	198.17	100.06	10543	10545	11848	118.00	100.00	17.80	100.00	137.40
1010046	100.00	100.17	195.58	105.43	10048	198.04	100.01	100.00	06.00	110.21	1 06 27
24 (06:46	() 第二	100,118	19554	105.43	65.45	195.54	imm	00.04	08-08	180.21	100.38
1 16 100 25 1 00:46	148.00	149.28	1821	10043	00.40	11548	118.30	100.04	117.48	10.41	1-07-000
1 10:10	110.21	118.26	17887	12,29	12.42	11040	118.88	10.06	117.49	(17.81	TXF.00
29 100-45	100.34	100.14	100.03	105.42	105.46	100.00	118.32	10.04	100.00	19622	00.26
27 100-45	南部	100.14	140.03	100.43	01.44	195.58	106.51	100.04	00.05	100.28	100.38
210.00	112.25	198,28	14831	118.40	12.49	11847	106.01	1 12:05	017-48	117.61	1177.51
18.10	18.71	192.08	11832	118.40	112-48	11847	118.24	10.07	17.47	117.81	149.000
29 00 45	1	106.12	10152	10043	101.46	10.50	108.01	0.04	00.10	1824	106.40
30 (06 44	i -	108,11	10001	105.42	00.47	101.54	106.01	1 195 04	100.18	100.25	100.40
21 (00.31	1	11827	11832	11841	118.46	118.45	106.01	1.9.00	107,46	117.41	117.02
1 10.01	1	11827	1	11841	1	1840	110.28	1	117.46	1	107.58
Potential aurithouts (201 Burn of principal with Salaan #	129	184	1373	1000	1001	140	1962	1007	1266	(MI	1340
lable layout. For each day in set					2.000				C.C.		
near oppose, For some my in and											
Day in month Sun rate (Mr. mr. Sun aid (Mr. mr.		og brog h	Accession in the	n Talaani.	Lat long Dr	ALCOHOLD MADE	C REAL PROPERTY OF	COM WITH	Carbon .		

	GCO_Chaiyaphum_rev	/01	owa 1210 Subyai, O					barren .	hite of Te	chealog		rym for advoxboruif p
Under 17 - GWI Wind GWI 121/2500 2500 121.0 101 hub: 120.0 m (TOT: 180.5 m) (ST) Assumptions for shadow calculation: The data label mass haves are used in the following assurption: The data label mass haves haves are used ato the data label mass haves are use								(Déales	M		ormuta	tur@rutrei.aut
Assumptions for shadow calculation: The set a balance if the set the following assurgation: The set a balance if the set the balance the set the se	HADOW - Calenda	r per	WTG						0.5000	1.1.1.1.1.1.1		
The same allowed prove grower by the Normal subsections: The Ward and Mark and Same	TG: 17 - GWI Wind GW	/ 121/	2500 25	00 121	0.10(h	ub: 120	0 m (T	DT: 180	15 m) (51)		
	te calculated times are "worst The sun is shining all the day. The rotor plane is stways per-	nees' o how a peridicul	jean by th Ariae to e	e followir unsel			Ę.					
1 / 5 / 6 1 / 5 / 6 <th1 5="" 6<="" th=""> <th1 5="" 6<="" th=""> <th1< th=""><th>j.im-uny</th><th>Ferra</th><th>-</th><th>-</th><th>-</th><th>ikee .</th><th>jky.</th><th>Argent</th><th>(Anything</th><th>inglichener</th><th>(1 mm</th><th>a financa</th></th1<></th1></th1>	j.im-uny	Ferra	-	-	-	ikee .	jky.	Argent	(Anything	inglichener	(1 mm	a financa
21 0.04 0					100.01							
1 0	2106.42	178.44	100.21	100.08	186.00	(18:47	180.67	100 24	106.02	00.04	19611	106.26
4 // E 16.5 16.2 <th16.2< th=""> 16.2 16.2 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<></th16.2<>												
17.92 12.12 12.22 12.42 <th< td=""><td>1.47.000</td><td>16.13</td><td>118.22</td><td>18.27</td><td>110.33</td><td>18.42</td><td>10.40</td><td>1245</td><td>1826</td><td>148:00</td><td>112.40</td><td>117.42</td></th<>	1.47.000	16.13	118.22	18.27	110.33	18.42	10.40	1245	1826	148:00	112.40	117.42
5 0.0.0 0.0	117.06	110:10	118.22	18.27	118.35	118 42	18.50	172.64	110.00	18.82	117.44	117.42
6 0.0.0 0.0.0 0.0.0 0.0.0 0.0.0 0.0.0 0.0.0 0.0.0 0.0.0 7 7 0.0.0	5.06.42	1.01.42	106.29	06.07	105.49	120:42	105.40	105.57	206.62	00.05	100.12	200.00
7 0.4.0 0.4	6-06.43	198.40	100.25	01.06	118.46	100.42	10.48	105.67	100.02	105.02	146.10	104.08
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17.90 17.80 <th< td=""><td>R 100.44</td><td></td><td>110.27</td><td>10.00</td><td></td><td>118.44</td><td>10.49</td><td></td><td></td><td></td><td>17.42</td><td>106.29</td></th<>	R 100.44		110.27	10.00		118.44	10.49				17.42	106.29
19 0.4.0 19.0.2 <th19.0.2< th=""> <th19.0.2< th=""></th19.0.2<></th19.0.2<>		181.42	100.27	100.04		100.43	105.49	100.58	100.02	DOM: NO	108.04	
11 0.4.4 0.6.4 0.	10106-66	118.42	100.20	100.01	108.47	100.43	100.00	105.58	100.02	06.03	100.14	106.30
1004 1014 1024 <th1024< th=""> 1024 1024 <th1< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th1<></th1024<>												
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	110.00	1.10.78	118.24	10.28	118.00	118.40	18:50	13841	118.20	1725	117.42	117.68
10 00.40 00												
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1.0 1 (95.40)	18.0	100:24	00.01	100-40	100.43	05.51	00.08	10002	10000	100.10	100.52
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9.00 92.10 92.20 92.30 92.40	118.02	10.10	11824	18.28	118.30	10.46	112.49	11839	11817	17.88	117,41	517.40
17 00-40 00-30 00-20 00-30 00												
10 00.40 00.20 00	117 1 00:40	100.00	100.25	101.08	105-48	100.44	10.52	108.08	100.03	108.57	50.10	108.54
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10 08.4.3 08.3.7 08.0.8 09.3.7 08.0.4 09.3.6 09.0.7 08.0.4 09.3.6 09.0.7 08.0.4 09.3.6 09.0.7 08.0.4 09.3.6 09.0.7 08.0.4 09.3.6 09.0.7 08.0.4 09.3.6 09.0.7 08.0.4 09.3.6 09.0.7 08.0.4 09.3.6 09.0.7 08.0.4 09.3.6 09.0.7 08.0.7 09.3.8 09.3.6 09.0.7 08.0.7 09.3.8 09.3.6 09.0.7 08.0.7 09.3.8 09.3.6 09.0.7 08.0.7 09.3.8 09.3.8 09.0.6 09.0.5 00.0.5 00.0.5 00.0.5 00.0.5 00.0.5 00.0.5 00.0.5 00.0.5 00.0.5 00.0.5	1.18.08	118.19	138.25	18.38	118.37	110.47	10.45	11836		11782	17.41	137.47
12 16.46 16.17 16.26 16						100.44						
T20 00.44 00.38 00.17 00.38 00.17 00.38 00.17 00.38 00.17 00.38 00.17 00.38 00.27 00.38 00.27 00.38 00.27 00.38 00.27 00.38 00.27 00.38 00.27 00.38 0	21106.46	128.20	100.18	105:06	105.44	100.44	10.51	106.08	106.05	106/09	196.29	108.36
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Open V USE USE<	1 43 08	110.20	118.28	18.20	10.36	18.48	10.48	118.55	11811	117.00	117.81	317.40
14 08.4 08.3 07.4 08.4 07.4 08.4 07.4 08.4 07.4 08.4 07.4 08.4 07.4 08.4 07.4 08.4 07.4 08.4 07.4 08.4 07.4 08.4 07.4 08.4 07.4 0					110.43		110.48	118.54			117.41	
10 04.04 05				185.54								
18 04 05 15 16 05 16 05 06<	20 00.40	105.54	00.10	10.24	100.43	105.45	00.54	01.01	100.04	01/08	09.22	106.30
0 0 12-2 12-3 12-3 12-4 12-4 12-4 12-1 <th12-1< th=""> 12-1 12-1<!--</td--><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th12-1<>												
9.50 9.52 9.53 9.54 9.54 9.54 9.54 9.54 9.54 9.54 9.54 9.54 9.55 <th< td=""><td>1 CR (08</td><td>18.21</td><td>138.28</td><td>18.20</td><td>118.40</td><td>110.48</td><td>1841</td><td>18.30</td><td>10.00</td><td>12.48</td><td>17.01</td><td>137.82</td></th<>	1 CR (08	18.21	138.28	18.20	118.40	110.48	1841	18.30	10.00	12.48	17.01	137.82
00.01 02.27 03.38 02.48 04.44 03.47 03.55 03.77 17.47 07.47 17.27 16 04.01 05.02 05.46 05.46 05.35 06.07 17.47 07.47<												
15 06.46 07.52 07.64 06.47 07.64 07.17 07.64 07.17 07.64 07.17 07.64 07.17 07.64 07.17 07.64 07.17 07.64 07.17 07.64 07												
30100.44 [100.11 100.03 100.47 100.06 100.04 100.04 100.05 100.25 100.40 100.11 [100.27 100.27 100.40 100.40 100.40 100.50 177.40 177	25 08.40	1 mart	100.12	05.62	(10.40	125, 48	100.00	100 01	006.04	106.18	00.24	106.40
110/11 110/27 [10/20 [10/46 [10/46 [10/46 [10/26 [10/26 [17/46		1			118.41		118.40		118.00			
	138.01	1	158.27		110.01		112.46	14829		177.48		1177 84
1967 1 1967 1 1968 1 1968 1978 1 1978 1 1978	01 1 00 4A	£	100.11	1	105.42	1.	105.56	11828	1	117.46	1	100.41
Polenter war texter 1801 1.508 1.514 1.915 1.368 1.901 1.402 1.542 1.542 1.548	Potential part hours 1 201		1.254		1368		402	1362	jour-	1.346		1.548
Lancef indicates with fisher 5 5 5 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5						0.003					121	

EGCO_Chaiyaphum_rav			2500-421 helysphu				3150 Innote	2014 73	4/18 schnolog	y Ayatha	19,269 Nov 20 nyx for educational purpos
							Death	si	anits / 64a 6/2 9 200	onnute	der@hiteai.com
SHADOW - Calenda	r per	WTG						101019			
VTG: 18 - GWI Wind GW	121/2	500 25	00 121	0101h	ub: 120	0 m (T	OT: 180	(5 m) (52)		
Assumptions for shado											
The coloulated times are "word The sum is shiring all the day, The rotor place is stiways per The WTO is always operating	Fort But	reiss to a	uneat								
identity	Petroat	y March	(April	Hey	plane.	skip	ikapat	-	lagCytolar	-	in Chambler
1 (00) A1	100.44	188.32	106.10	100.01	10142	185.47	105.05	180	100.00	100.11	100.201
2/06/42	100.44	108.22	100.05	10540	00.42	118.49	138.45	100	105.06	2 00 10	100,20
117.00-	198.44	19.22	11827	11832	1842	11849	(18.45	142	110.04	10.45	117.40
17.00	计操程	148.02	19,27	1835	18.42	1849	118.40	148.246	1.18-02	117.40	117.45
4 100.42	106-48	198,20	196.08	110.49	105.42	100.48	105.57	後位	106.05	100.12	100.27
5 109.40	100.40	100.28	10407	(25.49	05.42	105.42	105.57	100.02	101.01	100.12	106.28
117:00	1014	10.23	1827	11832	10.43	10140	108.04	1925	10.01	117.46	00.20
117.07	10.14	16.23	110.28	113.32	118.43	1850	112.43	1924	10.01	12.45	117.42
117.30	11214	105.28	1828	1824	105.42	118.49	105180	110.02	1 10:00	117.45	117.44
2 00.44	0.0	18.27	100.05	10148	1848	1210	105.52	80	05.05	100.14	100.259
9106:44	136.40	106.27	136.64	285.4F	05.4.8	105.49	105.18	100.位	106.00	1.08.14	100.30
117.05	110.10	10,22	100.03	1004	10.44	11850	11842	1922	17.58	117.40	17.42
1.177.000	12.48	118.24	(18,28	(1836	18.45	11850	11240	1421	117.08	17.42	117.44
11 10.44	100.41	19525	100.02	15546	100.48	18638	105.58	制度	00.00	106.15	150.31
12 100.44	(例:4)	100.25	106.02	155.45	105.43	100.50	105.19	1.00.02	100.00	10635	00.22
12/06/45	110.10	11824	110,01	11035	105.43	1850	112.40	10.19	117.58	17.42	100.00
1.16.01	118.17	10.24	1829	118.95	11848	118.90	118.40	142.15	117.96	117.42	137.48.
14 100.45	1世紀	1925	19681	105.45	105.48	11249	105.28	100.00	100.00	112.41	100.35
15 06.45	101.35	06.22	00.00	05.43	0543	10000	05.89	00.00	05.00	106.17	08.33
110.02	110.15	1924	11828	11836	12.46	116.82	118.20	10.17	105.00	112.81	137.48
118-08	118.18	118.28	1829	118,96	18.48	11849	118.38	158.16	117.58	112.41	157.46
17 100.40 (10.04)	12.10	100.23	11829	1827	11847	190.52	108.00	10.08	17.58	117.41	100.04
12 00.40	06.38	100.20	195.08	10044	00.44	10182	106.00	06.63	106.07	100.12	00.20
15 (00.40)	10.10	100.25	10107	105.44	13.47	100.02	118.37	國際	06 07	12.4	106.06
5 10 (0) 20 (0) 40	10.10	10228	1830	11837	1847	12.49	118.36	110.14	11/52	12.41	177.47
1 18 06	112.16	116.25	21838	110.08	11847	11849	118.00	110.10	117.58	117.41	117.48
21 100 45	100.00	100.12	10558	10544	105.44	11848	106.00	10.00	106.08	100.20	100.36
.22 (00.40	101.04	100.1.7	100.04	105.42	10045	105.62	106.00	0.01	100.00	108.25	06.27
118.06	118.20	108.23	1830	105.42	132.48	11848	118.30	100.01	117.80	10.41	137.40
110.07	118.20	198.28	118.36	116.43	1248	11848	11834	100.00	17.50	112.41	117-46
110.000	118.20	148.28	1839	18.99	10.48	11848	118.30	118.10	117.40	117.41	1107-000
25 (90.45	0039	100.15	10554	100.43	00.40	10034	106.01	00.04	100.00	100.22	00.36
26100-45	100.34	00.54	100.53	105.42	105.46	18554	106.01	1.00.04	00.00	196.22	00.28
27 106-46	1425	1828	1831	18.40	18.89	1547	118.32	19.00	00.05	112.41	17.01
118.00	118.25	198.26	11835	118.40	12.49	11847	178.31	1.12-06	117.48	117.40	177.01
28 106-48	(第二位)	105.12	18.31	105.45	105.46	11047	106.01	100.04	17.47	100.23	100.40
25 00.45	1	106.52	10152	10043	01:46	18634	108.01	0.04	06.10	108.24	106.40
30 (00.94)	£	11826	118.92	100.42	100.47	110.40	108.00	100.04	117.47	117.41	100.40
(983)	1	11827	148.82	11841	1846	118.45	118.29	14.00	17.46	112.40	147.82
11 10LAA 11271	1	198.17	1	11841	1	15.40	106.01	1	100.11		100.41
Potential autohoute 1 201	ine .	1254	1273	1 250	ine .	142	1.7902	iner .	1268	(MI	1548
								5 C C C	ec		
attis layout. For such day in so	in month	the folio	and with	in which							
Day in month Bun rate (Mr. mr. Bun and (Mr. mr.		nt love (h	Accession in all	h fickeriu	and Bring Dr	Arrest of the	h fickethi	rube wit	-ficher		

<text><section-header></section-header></text>	GCO_Chaiyaphum_rev		ova 121/ Subyai, O					27/5/ barren bartet	2014 7 3	chealog	y Ayeth	
Under 19 - GWI Wind GWI 121/2500 2500 121.0 101 hub: 120.0 m (TOT: 180.5 m) (SS) Assumptions for shadow calculation: The statulation terms in word game by the fore foreign search core. The statulation terms in word game by the foreign search core. The statulation terms in word game by the foreign search core. The statulation terms in word game by the foreign search core. The statulation terms in word game by the foreign search core. The statulation terms in word game by the foreign search core. The statulation terms in word game by the foreign search core. Must be statulated by the statulated by								(Déales	H		orendat	tur@rutrei.aut
Assumptions for shadow calculation: Inscription: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation: The ack shadow calculation:<	HADOW - Calenda	r per	WTG						0.5000	125.57.58		
The solution forms are solved same lyper by the follower is universe analysis to solve analysis to sol	TG: 19 - GWI Wind GW	/ 121/	2500 25	00 121	0.10(h	ub: 120	0 m (T	OT: 180	5 m) (53)		
1 0.0.4.1 0.0.2.2 <th0.0.2.2< th=""> <th0.0.2< th=""> <th0.0.2.2< <="" th=""><th>te calculated times are "worst The sun is shining all the day. The roor plane is stways part</th><th>town' p how all</th><th>piran by th Arrian Io a</th><th>e followir unsel</th><th></th><th></th><th>Ę.</th><th></th><th></th><th></th><th></th><th></th></th0.0.2.2<></th0.0.2<></th0.0.2.2<>	te calculated times are "worst The sun is shining all the day. The roor plane is stways part	town' p how all	piran by th Arrian Io a	e followir unsel			Ę.					
1 // 20 1 // 20 <t< th=""><th>j.im-uny</th><th>Ferra</th><th>y Merch</th><th>(April</th><th>-</th><th>jáce.</th><th>iky.</th><th>Hope</th><th>(instead</th><th>inflictation</th><th>(1999)</th><th>-Ourier</th></t<>	j.im-uny	Ferra	y Merch	(April	-	jáce.	iky.	Hope	(instead	inflictation	(1999)	-Ourier
2 0.0.2 MA4 MA2 0.0.2 MA2 0.0.4 MA2					100.01							
B M	2106.42	120.44	106.21	100.08	186.00	(18:47	180.67	100 24	106.02	00.04	19611	106.26
1 1												
1 1	1.17.00	16.13	118.22	18.27	110.33	18.42	10.40	1245	1826	148:00	117.40	117.42
1 00.44 00.40 00.	117.06	110:12	118.22	18.27	118.35	118 42	18.50	172.64	110.00	18.82	117.44	117.42
6 0.4.0 0.4	5.00.42	1.00.40	106.29	06.07	105.49	120:42	105.40	105.57	206.62	00.05	100.12	206.37
7 8 8 4 4 2 6	6-06.43	100.40	100.25	01.06	18.40	100.42	10.48	105.67	100.02	105.02	146.10	104.08
IFTM IBM4 US2 US2 US3 US4 US3 US3 <thus3< t<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thus3<>												
IFTEM UD13 UD13 <thud13< th=""> UD13 UD13 <th< td=""><td>117.58</td><td>110.14</td><td>118.08</td><td>18.28</td><td>110.34</td><td>112.44</td><td>18.56</td><td>18.43</td><td>118.23</td><td>18.00</td><td>117.48</td><td>117.45</td></th<></thud13<>	117.58	110.14	118.08	18.28	110.34	112.44	18.56	18.43	118.23	18.00	117.48	117.45
(PAM) (PAL) (PAL) <th< td=""><td>R 100.44</td><td></td><td>100.27</td><td>10.00</td><td></td><td>12.64</td><td>10.49</td><td></td><td></td><td></td><td>17.42</td><td>106.29</td></th<>	R 100.44		100.27	10.00		12.64	10.49				17.42	106.29
19 0.4.4 0.8.8 0.4.2.5		101.42	1.00.27	100.04		100.43	105.49	100.58	100.02	DOM: NO	108.04	
P1 0.44 0.45 0.65 0.66 0.64 0.65 0.66 0.66 0.66 0.66 0.66 0.66 0.66 0.66 0.66 0.66 0.66 0.66 0.66 0.66 0.66 0.66 0.66 0.75 0	101044	110.01	100.20	100.01	108.47	100.43	100.00	105.58	100.02	06.03	100.14	106.30
1000 00.11 00.25 <th0< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th0<>												
1900 1910 <th< td=""><td>112.00</td><td>1.10.10</td><td>118.24</td><td>10.28</td><td>118.00</td><td>118.40</td><td>18:50</td><td>13841</td><td>118.20</td><td>1725</td><td>117.42</td><td>117.48</td></th<>	112.00	1.10.10	118.24	10.28	118.00	118.40	18:50	13841	118.20	1725	117.42	117.48
11 00.44 00.40 00.50 00												
14 00.44 00.45 00	1.0 1 (95.40)	12.0	100:24	00.01	100-40	100.43	105.51	00.08	100.02	10000	100.10	100.52
10 00.40 00.20 00												
19.00 19.10 19.20 <th< td=""><td>110.00</td><td>110.17</td><td>118.04</td><td>118.29</td><td>118.36</td><td>12.45</td><td>10.49</td><td>18.39</td><td>11818</td><td>1758</td><td>117.81</td><td>117.46</td></th<>	110.00	110.17	118.04	118.29	118.36	12.45	10.49	18.39	11818	1758	117.81	117.46
9 90.40 90.24 90.25 90.26 90.44 90.40 90.45 90.	18.00	10.10	11824	18.28	118.30	10.46	112.49	11839	ITATE.	1754	117.41	517.40
17 10 00<												
18 00-20 00	117 1 00:40	100.00	100.25	101.08	105-48	100.44	10.52	108.08	100.03	108.57	30.10	108.54
0.00 0.01 0.02 <th0.02< th=""> 0.02 0.02 <th0< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th0<></th0.02<>												
13 00 14 /8 0.25 17.28 17.24 <th1< td=""><td>1.18.04</td><td>110.10</td><td>118.28</td><td>112,28</td><td>118.07</td><td>118.42</td><td>10.46</td><td>18.27</td><td></td><td>117.52</td><td>17.81</td><td>117.47</td></th1<>	1.18.04	110.10	118.28	112,28	118.07	118.42	10.46	18.27		117.52	17.81	117.47
20 00.47 00.77 00.78 00.757 00.44 0	1.18.08	110.19	138.25	18.38	118.37	110.47	10.45	1836		11782	117.41	137.47
10 00.44 00.86 00.45 00.44 00.44 00.44 00.44 00.44 00.45 00	20108-40	106.37	100.19	06.57	110.44	100.44	110.62	104.00	106.65	106.07	100.18	109.36
20 (M.M.)	21106.46	28.00	100.18	105:06	105.44	100.44	10.53	106.08	106.05	106/09	196.20	101.36
(0.00) (0.23) (0.24)<												
Gent M View <	1 43 08	118.20	118-28	18.20	10.36	18.48	10.48	13836	11011	117.00	117.81	317.40
IA 00.44 00.33 00.46 00.34 00.46 00					118.43		110.44				190.21	
20 00.44 00.34 00.10 00.54 00		100.00	106.96	185.54	105.43	135.42	100.54	04.01	10640		196.29	
18 00-40 00-30 00-40 00-30 00-40 00-30 00-40 00-30 00-40 00-30 00	20 00.40	105.54	00.10	10.24	100.43	105.45	00.54	01.01	100.04	01/08	09.22	106.30
ICOM IE-20 CE-20 CE-20 IE-20												
MAR VE2 VE2 <thve2< th=""> <thve2< th=""> <thve2< th=""></thve2<></thve2<></thve2<>	1 68:08	1821	138.28	18.20	118.40	110.48	18.47	188.30	10.00	12.48	17.01	137.82
10 04.40 (Max) 04.52 (Max) 04.44 (Max) (M												
10 04.01 00.12 01.02 01.02 01.04 01.01 00.14 01.01 00.04 00.01 00.01 00.01 00.04 00.01 00.01 00.04 00.01 00.01 00.04 00.01 00.01 00.04 00.01 00	221 06.48	198.00	100.12	10.12	105.42	100.48	10.55	10001	200.04	06.18	100.23	208.40
10:00 0.02 0.02 0.02 0.04 </td <td>25 04.40</td> <td>1421</td> <td>100.12</td> <td>05.62</td> <td>(10.40</td> <td>125, 48</td> <td>100.00</td> <td>00.01</td> <td>006.04</td> <td>106.18</td> <td>00.24</td> <td>106.40</td>	25 04.40	1421	100.12	05.62	(10.40	125, 48	100.00	00.01	006.04	106.18	00.24	106.40
13871 19827 1822 1834 1864 1866 1826 1826 1766 1776 1776 1776	178.70	1	10.26	10.00	118.81	178.49	10.40	1830	118.00	TPAP	17.41	117.82
11100/44 1 100/11 1 100/42 7 100/41 100/01 1 100/18 1 100/18	138.01	1	138.27		110.01		112.46	14829		17746		1177 84
		£		1		1		100.01	1		1	
Poerterus/boar 201 120 120 120 120 120 120 120 120 120	Potential part hours (201		1.254		1368		402	1342	iour.	1.346		1.548
Lanced instrument for the first of the first											125	e

EGCO_Chalyaphum_rav			2500-421 helysphu				3150 Innote	tora 73	4/30 ectimation	y Ayatha	19,269 Nov 20 nyx for educational purpose
							Death	B	ants / 5%	orresta	dor@hiteal.com
SHADOW - Calendar	per	WTG						100019			
NTG: 20 - GWI Wind GW	121/2	500 25	00 121	0101h	ub: 120	0 m (T	OT: 180	5m){	54)		
Assumptions for shadow											
The coloulated times are "word". The sum is shiring all the day, The story place is stelling parp The WTG is sharps operating.	How and	visa lo a	uneat								
(denory	ferrar	, March	(April	May	plane -	skey	ikapat	-	angGr, the last	-	in Chambler
	100.44	188.32	10610	18551	10042	185.47	105.05	185	100.00	105.11	100.25
2106.42	18.12	108.22	10008	11833	10042	10.47	118.45	192	105.06	117.46	137.66
117.05	199.52	198.22	11827	15832	18.42	11849	(18.45)	942	158.54	10.46	117.40
17.68	10.10	148-22	19,27	1835	18.42	1849	118.40	14.26	1.18-02	117.04	147.45
4 100.42	100-48	199.20	196.08	10249	105.42	10548	105.57	後位	106.00	100.12	100.27
5 109.40	100.40	100.28	10407	(25.49	05.42	110.42	105.57	100.02	101.01	100.12	106.27
117.00	10.12	198.23	1827	118.32	12.43	11810	118.44	1921	100-00	117.44	117.42
147.87	10.14	16.23	(19.28	118.55	118.43	148.60	112.43	110.24	118.01	112.45	117.42
F (00.42)	18.42	06.28	100.65	18548	105.42	125.49	105180	100.02	100.00	100.10	100.28
2 00.44	05.42	06.27	06.05	10040	05.42	155.49	105.58	供应	00.05	100.14	100.25
9100.44	10.15.	118.23	118.28	11034	1244	112.50	105.12	10日 1時間	105.00	117.40	117.48
112.00	18.18	108.22	(1828	1824	110.44	11850	11840	1 10 22	112.00	117.40	117.40
10 (00.44)	12.42	148.24	106.63	(1836	100.43	10000	112.40	(0.0)	106-00	198.14	100.00
11 (00.44)	100.41	106.25	0100	10546	108.48	10630	105.58	褐色	01.05	106.15	100-31
110.00	後後	100.24	118.28	18.25	105.43	112.50	118.40	190.02	127.57	100.12	06.27
1.48.64	18.76	11824	11828	11898	18:45	11850	118.48	18.19	117.00	12.42	117.44
12 / 06-45	10.40	0.24	1828	105.48	10143	12.50	118.40	10.02	100.00	価格	100.00
14 (0) 45	100.48	00.29	196.61	10545	05.41	10.51	105.28	08.00	00.00	178.16	100.25
10 100 40	18:17	10024	1929	15.35	112.48	112.49	13.35	100.00	00.00	117.40	117.40
110-00	18.18	18.24	11828	11836	12.46	11845	118.20	18.17	11734	112.01	137.40
10,100,40	100.00	118223	100.08	105.45	18:45	110.01	118.38	100.00	105.06	112.41	100.38
17 (10).40	191.35	100.21	100.09	10548	00.44	190.52	109.00	100,008	01.07	100.18	1.00.04
1004	12:13	10020	195.04	10044	11847	10112	108.00	10.12	117.58	17.41	117.40
110.54	13.15	108.25	1828	1837	13.47	1545	18.37	10.10	17 33	112.41	117.47
110.00	10.18	188.28	(1830)	118.07	1847	12.49	(18.36	110.14	11/52	112.01	137.47
20 100 40	100.37	198-18	145.07	105.44	10544	11249	100.00	1 100 100	00.07	100.09	106.28
21100.45	100.00	106.18	10554	105.44	105.44	120.52	106.00	200.020	106.08	110.20	100.36
178.00	12.18	1923	112.30	18.38	118.48	118.48	15.20	100.00	117.57	112.21	117.48
1 18 196	18.20	148.23	1830	110.04	12.48	11848	118.00	188.01	117.80	110.41	137.00
1010646	100.00	100.10	19558	105.43	100.48	199.04	118.00	100.00	106.00	180,21	106.27
24 (06:45	100.20.	100,118	19554	105.43	65.45	195.54	198.05	00.05	00-00	180.21	100.38
1 16 68 25 1 90.45	148.00	148.28	1825	10043	00.40	11548	118.30	10.00	117.48	10.41	100.36
112.10	110.21	118.26	17885	12,29	12.42	11040	118.88	1.02.06	117.49	(17.81	117.00
29 100-45	100.34	100.14	100.03	105.42	105.46	10554	118.32	10.04	100.00	19622	00.26
27 100 46	南部	100.14	146.63	100.43	01.44	195.58	106.51	100.04	00.05	100.28	100.38
110.00	1925	198,28	1831	118.40	12.49	11847	106.01	1.00.04	10.48	117.41	117.51
18.10	18.71	198,28	1839	118.40	112-48	11847	18.30	10.07	17.47	117.81	147.02
29 100 46		186.52	189.92	18.41	12.48	10.10	118.00	00.04	0K.10 1F.4P	157,41	100.40
30 (00 64	1 C	108,11	10051	105.42	00.47	101.54	106.01	1 195 04	100.10	1 例25	100.40
87 (00.91		11827	14832	(184) (9542	110.00	118.45	106.01	146	100.10	112.41	147.02
198.91		11827	See.	11841	ine .	1840	110.08	her	17.46	int .	1101108
Potential purchase (201 Burn of minutes with falser #	100	194	1242	1998		140	1000 1		1244		1345
lable layout. For each day in set					2.000						and a second second
				44.4							

SHADOW - Calendar VTG: 21 - GWI Wind GW issumptions for shador to calculated frees any fund The total parts of the days The total parts and waves part The WTG is always parts	121/	MITC					-	27/5/2014 7:34 / 21 Internation Institute of Technology AproDwys. This license is CPU, Y to be used for educational purp					
/TG: 21 - GWI Wind GW issumptions for shador to calculated trans an "word The sun is sheiring all the day. The rotor plane is strange perp	121/	INTO					(Déales	65	ents / bio 6/2 8.258	otenutik	tur@rutrei.com		
Assumptions for shador to calculated times an "word The sun is strong of the day. The rotor plane is strong pro-	and the second	WIG						0.0000					
te calculated times are "worst The sun is shining all the day. The roor plane is always pary	w calc	2500 25	00 121	0.10 h	ub: 120	0 m (T	OT: 180	5 m) (5	55)				
the state is a surger to state of	from \$2	iosen by th Perios 30 M	e followir unwil			t.							
(dervery	ferra	-	-	-	jáce.	iky.	Hogent	(instead	-	(1999)	a finance		
11.00.41	100.04	10.2	10010	100.01	100.42	INCAP	10526	100.02	105.04	106.91	106.25		
21.06.42	12.12	1922	18.37	118.00	118.42	10.49	100.24	11828	100.04	117.48	106.30		
117.00	10.12	116.22	119.27	116.02	19.42	10.48	11845	11827	100.04	11245	117.45		
117.00	16.13	158.22	18.27	110.33	18.42	10.40	1245	18.26	142.00	117.40	117.42		
4 (0) 42	10140	100.302	10:08	105.46	105.42	10.45	18557	186.62	106.65	100-02	166.37		
5 00 42	12-13	06.29	105.07	100.46	100.42	10.40	105.57	100.02	100.05	10012	106.37		
6 (06.43	100.40	100.25	01.06	18.40	100.42	10.48	105.67	100.07	105.02	146.10	108.08		
117.57 7106.43	19214	110.28	18.28	118.33	19.43	10.55	10558	112.24	118.01	112.43	117.42		
117.58	110.14	118.08	18.28	110.34	112.44	18.56	18:43	118.23	18.00	117.48	117.45		
R 100.44	1版-12	100.27	18.28	12.46	12.42	10.45	1842	20632 11822	17.28	17.42	108.29		
10 (0), A4	18.42	100.27	100.04	10.0	100.45	10.49	10558	100.02	100.00	126.54	100.00		
101044	100.01	100.20	100.01	108.47	100.43	100.00	105.58	100.03	00.03	100.14	106.30		
117 (08.	10.10	148.24	18.28	110.00	118.45	195.50	11841	11821	117.52	117.42	117.46		
110.00	1.10.10	118.24	10.28	118.00	118.40	18:50	13841	118.20	17757	117.42	117.48		
121 00 44	「御史」	196.25	供留	12.4	105.43	10.50	10508	100.03	100.05	109.10	106.31		
1.0 (95.40	5.0	100:24	00.01	100-40	100.43	105.51	00.08	100.02	10000	100.10	100.52		
14 00.40	18.17	198.24	(後29) (例:0)	19.8	100.43	19:55	11240	100.05	117.58	117.42	117.45		
18.00	110.17	118.04	18.28	118.36	12.45	10.49	18.39	11818	17.55	117.81	117.45		
18.00	10.30	100.22	18.28	10.40	100.42	10.51	105.58	10005	105.06	115.41	517.40		
18 00 40	120.30	100.00	100.08	184	192.43	100.01	100.29	100.05	105.00	196107	105.04		
17100.40	10120	100.25	101.08	105-48	100.44	10.52	108.08	100.03	108.07	30.10	108.54		
10.04	10.10	118.25	118.29	112.37	122.47	112.49	118.58	100.03	177.53	17.41	117.40		
1.10.04	12.10	192	14.3	110.07	118.47	144	11837	11818	1733	17.81	117.47		
1 18 08	10.19	138.25	18.30	118.37	110.47	10.45	11836	11814	117882	117.41	137.47		
20100.40	106.37	100.19	101.57	118.44	100.44	100.60	126.00	106.05	106.67	100.18	100.30		
21106.46	28.00	100.18	05:06	105.44	100.44	10.53	106.08	106.05	06.09	196.20	108.36		
10.00	10.19	100.17	18.30	10.35	12.42	10.48	18.35	100.00	17.53	17.41	117.40		
1 43.08	148.20	118-28	18.20	10.36	18.48	10.48	11836	11011	110.00	117.81	317.40		
23 00 40	18,20	196.98	118.00	110.42	110.42	10.54	100.05	100.00	106-68	190.21	106.37		
24 06 M	100.00	100.16	14.01	00.40	135.42	10.54	0621	106.03	106.08	196.21	117.00		
20 00(40	01.54	00.10	10.24	100.43	105.45	00.54	01.01	100.04	01:09	09.22	106.30		
112.00	1021	100.00	10.01	110.00	110.48	12.48	100.00	18.09	17.48	17.41	11730		
1 (8 (9)	18.21	138.28	18.20	118.40	110.48	18.47	188.30	10.00	11548.	17.01	137.84		
371 06 45	199,223	100.14	16.32	18.45	150.40	100.55	106.01	100.04	117.48	186.28	100.00		
221 06.48	「知道	100.12	10.12	105.42	100.48	10.55	10021	206:04	06.18	100.23	109.40		
29 06 40	1421	118.20	18.21	10.40	12.48	12.47	15.30	100.04	117.47	17.81	117.00		
118.70	1	100.00	10.00	10.41	112.45	10.00	1830	1800	177.67	17.61	107.52		
30 (00.44 1 18 / 1	1	138.27	118.32	110.01	110.45	112.46	14829	100.04	177.48	117.41	117788		
BT 1 00 44	E	100.11	1	105.42	1	105.56	10001	1	175.45	1	100.41		
Potential part fours 1 201	inn .	1.894	100	1368	1001	402	1362	ine .	1346	100	1.548		
an of indicates with Notion 2 Bile Brymett, For each day in each										122	e		

EGCO_Chalyaphum_rav			2500-421 helysphu				3150 Innoted	tora 73	4/33 ectimation	y Ayatha	19,269 Nov 20 nyx for educational purpose
							Death	B	ants / 5%	orresta	dor@hiteal.com
SHADOW - Calenda	r per	WTG									
VTG: 22 - GWI Wind GW	121/2	500 25	00 121	0101h	ub: 120	0 m (T	OT: 180	5m) (56)		
Assumptions for shado	w calc	ulation	rs.					_			
The coloulated times are "worst The sum is shiring all the day, The roor plane is straight para The WTO is sharps operating	First but	reiss to a	uneat								
(Among	ferrar	y March	(April	Ne	place.	skey	itepat	-	lan Grandar	-	in Chanting
1 00 41	100.44	188.32	106.10	18551	10542	185.47	105.05	(82	100.00	10511	100.25
2 (00.42)	前時時一	198.22	100.01	11832	100.47	112.49	118.45	1928	100.04	147.46	137.44
117.00	148.52	198.22	11827	11832	1842	118.49	(18.45	14.77	110.04	112.46	1.17.48
3 0 42	110.44	105.21	196.08	185.50	18.42	1849	185.52	1保留:	100.04	186.12	100.26
4 100.42	100.48	100.31	06.08	105.49	05.42	105.48	185.57	決定	06.00	10612	108.27
5 100.43	110.42	1022	11827	125.49	125.42	11848	11248	1925	18.00	100.12	106.27
117.00	10.12	10.23	1827	11832	12.43	10140	118.00	1925	10.01	117.44	117.42
5 106 45	100.40	198.28	(1929)	100.40	118.43	12.48	118.43	1924	100.00	12.43	100.28
r.(00.42	18.42	05.28	100.65	185.48	05.42	105.49	105:10	08.42	100.05	100.10	100.28
2 17 18	12.16	1028	06.05	11834	129.44	18.50	118-42	後日、	06.05	117.45	100.26
11/08	10.15	1828	18.08	1834	1844	1228	118-42	は言	17.58	117.40	17.48
171008	118.18	118.22	(18.28	1824	10.48	11850	105:10	(統計)	112.00	146.14 117.40	109.00
10 (00.44	196-01	100.28	104.03	(15.47	00.42	196.50	(05.38	0.00	06-00	100.14	1.00:30
177 100.44	110.40	148.24	148,28	11836	118.45	14630	105.08	0.21	177.08	10.42	100.01
110.000	110.16	110.24	17828	18.25	118.42	112150	118.40	10.25	11237	117.42	117.44
12 100.46	(例)和 (種用)	20523	100.02	11208	105.43	100.50	155.79	100.02	100.00	100.0	100:27
12 06 45	1.00.007	100.24	10001	105.48	10143	10001	105.05	100.02	100.00	1.00.15	100 82
140.01	110.17	10:24	1929	118.95	1845	1850	115.40	0.00	17.56	17.42	177-48
178.52	118.17	11024	11029	18.36	12.48	112.49	113.35	108.18	117.00	117.40	117.40
15 06 45	10120	00.22	196.00	10545	12.48	10001	105.89	10.00	105.06	12.81	100.00
10116-0	100.00	198.22	105.58	105.45	05.43	190,01	105.05	16.55	05.06	18.17	(06.28
118-58	112.18	19828	11829	118,96	58.48	118-49	118.38	10,00	017.58	112.41	157.46
10:04	1212	11828	11825	1227	11847	(13.45	118.38	18.10	117.68	117.41	137.48
12 00.45	106.28	10020	195.08	10044	18.47	11849	118.37	06.03	106.07	12.4	106.30
19 00-40	100.00	100.18	18157	105.44	00.44	186.62	105.00	100.00	00.07	12.01	106.00
29 (00 48	106.37	100-18	146.62	105.44	105.44	196.53	100.00	1 98 55	06.07	100.19	106.38
116.05	12.19	198.25	(1830	110.08	11847	1249	118.36	1.12.12	117.5*	117-81	177.48
1.10.00	112.18	118.23	118.38	118.54	112.48	118.48	118.00	108.12	115.22	112.81	117.48
27 10140	100.00	100.17	100.04	10543	10545	105.62	108.00	100.00	100.00	100.20	01.27
10 1 06 46	100.00	106-10	105.58	05.43	00.48	199.04	105.00	100.00	06.00	180,21	106.37
110.07	1925	19826	11836	116.43	1248	11848	118.04	100.00	177,50	117.41	117-48
110-07	118.00	148.28	1839	18.99	10.48	11848	118.30	108.100	117.48	117.41	1-07-000
25 (90.45	10039	100.15	17827	11229	00.48	11040	106.05	00.04	100.00	100.22	100.36
2910045	100.24	00.54	100.53	105.45	105.46	18554	106.01	1.00.04	00.00	196.22	100.28
27 100 40	1425	1828	1831	18.40	18.89	1547	118.32	100	00.05	112.41	17.01
1 18.00	118.25	198.26	11831	118.40	12.49	11847	178.31	1.42.07	117.48	117.40	177.01
28 1 06 48	118日2日	105.12	18.31	105.43	105.46	11047	106.01	100.04	17.47	100.23	100.40
25 00 45	1	106.52	10152	10043	01:48	18634	105.01	00.04	06.10	158.24	00.40
30 100 94	£	11826	11832	118.41	100.47	110.40	118.00	110.04	117.47	117.41	100.40
(188.93	1	11827	118.52	118.41	1846	118.45	11828	100	117.46	112.40	149.825
31 (DLAA 192.91	1	11824	1	11841	1	186.08	106.01	1.	100.10		100.41
Potential autohoute 1 201	129	1254	1200	1 250	ine .	1422	1.7902	inr .	1268	INI .	1548
Burn of minutes with fibrer #						F 1					
lable layout. For each day in each	A month	the folio	wing mid	LR VEEAA							
Day in month Sun falls (Mr. no. Sun and (Mr. no.			Accession in the	n facearia	int love (b	a mania wati	a bulance a	-	distant.		

iCO_Chaiyaphum_re		ova 1211 Subyai, O					27/5/ barren bartet	2014 7 3	4/23 scheelug	y Ayeth	19,269 No
							(Déaleté	H	wrds i blo 6/2 8,258	otinuta	ter (freitreit au
HADOW - Calenda	r per	WTG						0.5000	12.5.1		
16: 23 - GWI Wind GV	Vi 121/	2500 25	00 121	0.101h	ub: 120	0 m (T	OT: 180	15 m) (57)		
assemptions for shade a calculated firms are "work harson is shiring all this day he rotor plane is stways per the WTCI is always rearsfor	t caes' p , how al pendicul	piran by th Arrian To A	e followir unwit			Ę.					
ilenary	Freesa	y Merch	-	-		iky.	Hope	Sectors	impleterer	(10000	a formir
1100.41	1.00.04	100.22	10010	100.01	100.42	INCAP	10526	100.02	100.04	106.11	106.25
117.56	12.12	118.20	100.08	118.00	118.42	10.49	100.24	11828	100.04	110.11	105.30
117.00	15.52	116.22	119.27	116.32	19.42	12.49	11845	11827	118.04	117.45	117.45
1.17.00	16.13	118.22	18.27	110.33	18.42	18.49	12.45	11826	12.00	17.44	117.42
4 (00) 42	10140	100.00	100.08	100.46	105.42	10.10	185.57	18642	106.85	126 12	100.37
11/06/42	1.00.40	106.29	105.07	105.49	100.43	105.48	105.57	200.02	100.05	1.00.12	206.37
1 17 08	1213	1923	19.27	100.33	100.42	10.10	109.67	11825	108.00	117.44	117.42
117.57 71.06.43	110.10	110.28	18.28	118.20	14.43	10.55	10558	11824	118.01	112.48	1177.42
117.58	110.14	118.22	18.28	112.34	12.44	18.56	18.43	18.23	18.00	12.43	117.45
8 100 A4	1840	100.27	19.05	12.48	120.42	10.45	1842	11012	100.05	17.42	108.29
# (00.44)	101.42	1.00.27	100.04	100.47	100.43	105.49	110.58	100.02	106.88	106.54	100.00
10.00	11215	118.22	10/28	100.47	110.44	118.50	100.08	11822	17.08	100.14	117.42
117.00	18.18	118.24	148.28	(19.30)	118.40	14.50	11841	11821	17.58	11142	117.44
11 00.44	102.41	106.25	19.28	105.46	110.43	18.50	13841	118.20	105.00	100.15	100.21
12100.48	100.41	199.24	例母	10.40	105.43	10.00	105.08	199.83	100.06	109.10	106.31
1 18.01	1915	118.24	1228	116.20	118.45	19:50	118.48	11819	1755	117.42	117.44
155.94	118.17	110.24	18.29	118.38	100.43	192.50	11240	11010	117.58	117.42	117.40
110.00	110.17	118.04	18.28	118.36	12.45	10.49	18.39	11818	17.55	117.01	117.45
10.100.40	100.20	100.22	12.28	10.40	101.42	100.01	105.58	10005	1758	100.07	106.33
18 00.40	135.30	100.22	100.08	100.40	198.43	140.51	100.29	100.05	00.00	196.17	106.34
10.00	112.12	118.25	118.29	1936	112.44	118.49	118.58	11816	117.54	112.41	217-46
13.04	118.18	118:20	118.29	112.37	18.47	112.49	118.38	11818	TPER	115.41	117.40
12 06 40	110.00	100.20	100.08	102.44	118.47	10.52	108.00	1818	1753	17.41	150.30
TH 00.45	10.35	100.10	18.57	100.44	110.44	10.62	1836	11814	10007	10010	100.00
20100.40	108.37	100.19	106.57	110.44	100.44	198-68	104.00	106.65	106.67	100.18	108.36
1 15 05	110.10	110.25	18.00	110-38	158.47	10.49	11226	21818	117.57	117.41	117.48
112.06	110.19	118.20	18.00	112.38	18.42	10.48	10.35	1812	17.532	117.41	117.40
32 00.40	14.30	100.17	10.00	10.42	101.45	10.55	106.00	10000	100.08	100.20	106.02
23100.40	18.30	100.98	1.00.53	118.42	198.40	100.54	100.05	100.05	106-08	196.21	106.37
24 06 AE	142.20	155萬	18.00	19.8	198.48	112.48	0431	100.00	11758	117.41	117.49
20.00	19.35	118,00	18.01	10.00	18.43	10.48	14833	100.04	117.48	17.41	117.00
118.00	11021	118.28	19.01	110.00	(18.AR.	10.48	112.20	118.09	17.48.	17.41	117.00
29 00-40	100.04	100.14	105.52	100.40	110.46	100.54	10600	200.04	100 ms	100.22	106.39
37106.45	198-33	100.14	100.34	110.43	100.46	100.55	104.01	100.04	105.05	146.28	100.30
201 06.40	11821	198.26	110-21	118.40	110.49	102.47	10001	120824	117.48	100.28	117.00
1.10.10	11821	118.20	18.21	12.45	12.48	12.47	15.50	118/07	17.47	17.01	117.00
25 0640	1	100.12	市社	110.41	125.48	10.51	1830	100.04	106.18	17.91	106.40
30 1 00.44	1	100.111	1.001.034	115.40	102.47	100.04	14829	100.04	0610	106.25	100.40
BT 1 06 44	1	100.11	1	105.42	1 10.00	100.04	100.01	1 interest	05.18	(ceal	100.41
Potential surv (Scare 1 201	i.e.	110.07	lan .	110.01	in.	12.46	11828	Lun	17.46	1000	117.60
Potentian suin tours (2011					a 1000 1	1402	1962	jour ,	1000		1540
is leynalt. For each day in as				THE ADDAY							
er in month . Bun naw (hrt.m		ing time (h			and firms in			1.1.1			

EGCO_Chaiyaphum_rav			2500-421 helysphu				3150 Innote	tora 73	4/34 echnolog	y Ayatha	19,269 Nov 20 nor for educational purpose
							Death	B	anits / 610 6/2 9 200	onnute	an@hiteal.com
SHADOW - Calenda	r per	WTG	_								
NTG: 24 - GWI Wind GW	121/2	500 25	00 121	0101h	ub: 120	0 m (T)	OT: 180	5m) (58)		
Assumptions for shado	w calc	ulation	rs.								
The coloulable times are "worst The sum is shiring all the day, The roor plane is sterays para The WTG is sheavy operating	First but	reiss to a	uneat								
January	Friman	7 78a-17	(April	Ney	yine.	skey	(August	-	lefő;teler	-	in Chamber
1 (00 A1	100.44	198.32	10610	19551	10042	18547	105.05	185	100.00	10511	100.25
2 (00.42)	118.12	108.22	10008	11033	10042	10.47	118.40	1923	105.06	147.46	137.65
147.00	148.52	198-22	11827	11832	1842	11849	(18.45	14.77	110.04	112.46	1.177.48
5 1 00 42 17 mil	120.00	166.21	196.09	18.55	18.42	1849	105.52	(保留)	100.04	186.12	100.26
4 00.42	100.48	1922	196.08	10549	105.42	10548	105.57	後位	105.05	100.12	100.27
5 100.43	100.40	100.28	10407	(25.49	05.42	115.42	105.57	100.02	101.00	100.12	106.27
117.00	10.12	10.23	1827	19832	12.43	11010	118.00	1925	10.01	117.44	117.42
147.87	110.74	16.23	(18,27	118.55	118.43	14880	112.43	110.24	118.01	112.45	117.42
7 (00:42) (17:00	100.42	06.28	108.05	18548	105.42	105.49	105180	100.02	100.05	100.10	100.28
3 08.43	05.42	06.27	06.65	10040	05.42	155.49	115.52	供应	00.05	100.13	108.25
9.10.44	10.15	198.23	1828	1834	1244	1218-	105.12	10日	17.58	(17.4) 140,14	117.48
177.00	118.18	118.22	(18.28	1824	110.44	11850	11840	1 10 22	112.00	117.40	117.48
10 (06.44	12.42	10028	106.03	195.47	00.43	100.00	(05.38	10.00	106-00	198.14	100.00
117 100 44	100.41	106.25	109.02	10546	108.48	10630	105.58	褐色	01.05	106.15	100-31
110.000	110.16	110.24	17828	18.25	118.42	112:50	118.40	10.25	117.87	117.42	117.46
12 100.44	(例)和 (接列)	20028	100.02	11826	105.43	100.50	118.40	100.02	17.50	105.0	106.37
12 / 06-45	1.00.007	10.24	10001	105.48	0143	10001	105.05	10.0	00.00	10.0	100 00
14 (0) 45	110.40	100.25	196.01	10545	05.41	116.51	105.28	08.00	00.00	178.16	100.35
10.00	100.28	100.22	19,29	18.36	128.48	112.49	13.35	10.0	117.50	112.40	117.40
110-00	118.12	18.24	11828	11836	12.46	11848	118.20	18.17	11734	112.01	137.40
10,100,40	100.00	100.22	100.08	105.45	0043	110.01	105.05	100.00	105.06	100.17	100.38
17 (00.40	178.35	100.21	100.09	10548	00.44	190.52	109.00	100,008	06.07	100.18	1.00:34
110.04	1213	19828	11825	10044	11849	10112	118.38	10.12	17.53	17.41	17.40
110.04	118.18	108.25	118.28	11837	1847	18.45	118.27	18.18	117.55	112.41	117.47
15 (00-40)	100.00	100.18	18357	105.44	00.48	186.62	105.00	100.00	100.07	12.01	106.05
29 (00 48	106.37	100-18	146.62	105.44	105.44	194.53	100.00	1 98 55	06.07	100.19	106.381
118.05	142.19	198.25	(1830)	110.08	11847	1249	118.00	100.00	117.51	117.41	117.48
1.10.00	112.18	118.23	118.38	118.54	112.48	118.48	118.00	108.12	115.28	112.81	117.48
22 00 40	100.00	100.17	100.04	10543	10545	105.52	108.00	100.00	100.00	100.20	101.27
10 1 06 46	100.00	106-10	105.58	05.43	00.48	199.04	105.00	100.00	06.00	180,21	06.37
24 05 45	1925	19826	118.36	118.43	112-48	195.54	118.04	100.00	172.00	117.41	117-48
110-07	118.00	148.28	1839	18.09	10.48	11848	118.30	108.100	117.48	117.41	1107-000
25 (90.45	100.34	100.15	17827	102.43	00.48	10054	106.01	00.04	100.00	100.22	106.36
2910045	100.24	00.54	100.53	105.45	105.46	18554	106.01	1.00.04	100.00	196.22	00.28
118-00 271 (90:46	1禄25	118,26	11831	18.40	18.49	11847	118.32	1000	00.05	107.01	117.01
1 18.00	118.25	198.26	11831	118.40	12.49	11847	178.31	1.42.07	117.48	117.40	197.00
28 1 06 48	11821	105.12	18.31	15.45	155.46	125.58	106.01	100.04	17.47	100.23	100.40
25 00 45	1	106.52	10152	10043	01:46	18634	105.01	00.04	06.10	108.24	06.40
30 (00.64	£	11826	118.92	118.41	100.47	12246	108.00	100.04	100.10	117.41	100.40
(1833)	1	11827	148.32	118.41	1846	110.45	118.29	10.00	17.46	1.12.41	147.021
.81 (DE 44 192.11	1	198.17	1	11841	1	18.46	106.01	1.	100.10		100.41
Potential autohoute 1 201	129	1254	1273	1 250	ine .	142	1.7902	ior .	1 268	(MI	1340
Burn inf minutes with fibres . It						r 1		0.0	1. I		
lattis layout. For such day in suc	A HOORS	the lose	wing mid	a visit							
Day in month Bun rate Driver Bun and Ork one		nt love (h					t black				

GCO_Chaiyaphum_re		ova 1211 Subyai, O					27/5/ barren bradit	2014 7 3	4/25 schoolog	y Ayeth	19,269 No
							- Déaleit	M	webs / 645 6/2.8.258		ter (freitreit au
HADOW - Calenda	r per	WTG						0.0000	0.6.0000		
TG: 25 - GWI Wind GW	/ 121/	2500 25	00 121	0.10 h	ub: 120	0 m (T	OT: 180	15 m) (59)		
assumptions for shade to calculated firms are "word The sun is sheing all the day The rotor plane is always per The WTCL is always spending	town' g from su persticul	iron by th Fries To 4	e followir unwit			ç.					
j.im-ury	feese	-	(April	-	ikee.	jky.	August	(Analysis	infiction	(however	a finaniar
11.00.41	1.00.04	100.22	10010	186.01	100.42	180.47	10526	106.52	105.04	106.11	10620
2106.42	112.12	118.22	18.27	118.00	118.42	18.49	100.24	11828	105.04	117.48	106.30
117.00	158.52	116.22	119.27	116.32	19.42	10.49	11845	11827	118.04	117.45	117.45
1.17.000	16.13	116.22	18.27	110.33	18.42	18.49	1245	118.26	1253	17.44	117.42
4 05 42	100.40	100.30	100.08	100.46	105.42	10.45	125.57	19642	105.04	1265	100.37
1 00 42	1.00.40	106:29	05.07	105.49	100.43	10.40	105.57	206.62	100.06	100.12	106.37
8106.40	112-12	192	19.27	100.00	100.42	10.10	105.67	11825	110.01	146.10	104.08
710548	198.40	110.28	1827	118.20	100.42	10.50	105.58	11224	118.01	117.43	1177.42
117.58	110.14	118.22	18.28	112.34	12.44	18.56	18.43	118.23	18.00	12.43	117.45
8 1 001 A21	188-62	108.27	19.05	12.46	120.42	10.45	1842	11812	100.05	11142	108.29
10 (00,44) (77,00)	101.42	1.00.27	100.04	100.47	100.43	105.49	110.58	100.02	106/68	108.04	100.00
10106-44	112.10	118.22	10/28	10234	100.43	110.00	10558	11822	17.08	100.14	117.42
117 (06.	10.40	146.25	10.28	19.30	118.40	192,50	11845	11821	117.58	117.42	117.42
110.00	1.10.10	118.24	10.28	118.00	118.40	18:50	13241	118.20	177.57	117.42	117.48
121 00:48	198.40	190.24	供留	10.4	105.43	12:50	10509	190.03	1705	109,10	126.21
1.01 (06.40	12.40	100.24	00.01	100-40	100.43	105.51	0000	100.02	100.00	100.10	100.52
1 15 01	19.17	110.04	18.29	110.00	100.43	19:55	11245	11010	117.58	117.42	117.40
10.00	112.17	18.04	18.28	123	12.45	10.49	1239	11818	117.55	17.81	112.45
1 18:00	1 10.17	11824	18.28	118.30	10.48	112.49	11839	ITATE.	1254	11.5.41	517.40
18 00 40	110.30	100.22	1.00.08	10.40	112-43	100.01	118.38	100.05	117.54	112.41	217.46
17100.40	10130	100.25	101.08	105-48	100.44	105.52	108.08	100.03	108.57	30.18	108.54
18.04	110.10	06.20	118.29	102.37	188.47	110.49	118.32	100.03	11758	117.41	117.40
1.58.06	110.10	1年月 1817日	14.25	10.07	118.47	144	18.57	1315	1733	17.81	117.47
TH 00.4E	12.10	138.25	12.30	118.37	110.47	10.45	1836	11814	1178.82	117.41	537.47
310 (00.40) (55.00)	100.37	100.19	101.57	18.44	100.44	10.62	1225	10685	106.07	100.18	108.38
21106.46	126.00	100.18	05:06	105.44	100.44	10.51	106.08	106.05	06/09	196.29	108.36
22 00.40	110.19	100.17	18.30	12.35	118.48	10.48	118.25	11812	100.05	117.41	117.40
1 10 00	110.20	118-28	18.20	10.36	18.42	10.48	118.54	11011	110.00	117.81	317.40
23 00 40 10.07	196.20	18.11	101.53	100.42	192.42	10.54	100.00	100.05	106-68	196.21	106.37
24 06 M	198.30	100.16	14.01	00.40	186.42	10.54	06.01	10640	106.08	196.21	101.30
20 00.40	105.54	06:10	10.54	100.43	105.45	00.54	05.01	100.04	01.08	09.22	106.38
10.00	119.21	100.14	18.01	110.00	110.48	112.48	10600	110.09	17.48.	117.41	11738
1 68 (06	1821	138.28	18.20	118.40	118.48	18.47	188.32	18.98	11548.	17.01	137.00
1 15 00	199-33	190.13	106.52	18.43	150.40	112.47	186.01	100.04	117.48	117.41	117.00
221 06.46	198.22	100.13	105.52	10.40	102.45	0.55	10001	100.04	1747	199.23	117.00
25106-40	1 mart	100.12	05.62	(10.42)	125, 48	100.00	10.001	005.04	106.18	00.24	106.40
210.44	1	110.20	10.00	118.41	110.45	10.00	11830	118/00	177.67	1741	1177.52
1.10.71	1	118.26	118.32	110.41	18.46	112.46	14829	118-05	177.46	117.41	157 84
BT 1 06 44	£	100.11	100	105.42	1.	100.00	110001	1	105.15	1	100.41
Potential auto hours (201	148	1.254	1000	1.000	1001	402	1.942	1047	1.346	1940	1.548
Lan of malutes with Noter 2										1.1.1	8 . E
this laynet. For each day in ea	oh mont	the follo	wing out	IN ADDA							

eGCO_Chalyaphum_rav			2500 421 helyspho				3150 Innote	tora 73	1) 25 schoolog	y Ayatha	1.9.269 Nov 20 nya hr educational purpos
							Death	B	anits / 64a 6/7 9 208	onnute	anghanal an
SHADOW - Calenda	r per	WTG	_								
NTG: 26 - GWI Wind GW	121/2	500 25	00 121	0101h	ub: 120	0 m (T	OT: 180	5m) (i	\$0)		
Assumptions for shado	w calc	ulation	s .								
The coloulable times are "word. The sum is shiring all the day, The rotor place is stiways perp The WTG is always operating	First But	visa lo a	uneat								
identity	Petroat	, March	(April	Hey	yine.	skip	Hopel	-	upi telar	-	in Chambler
1 100 41	100.44	188.32	100.10	100.01	10142	100.47	105.06	100	100.00	100.11	100.20
2/06/42	100.44	100.01	100.05	10540	00.42	100.47	100.00	100	105.06	100.00	100,20
147.00	118.52	198.22	11827	11832	1842	11849	(18.45	14.77	110.04	112.46	1.17.48
510042 (17.00)	100.00	100.21	196.09	1835	18.42	1849	105.52	(保留)	100.04	部位	100.28
4 101.42	100.48	199.20	196.08	10249	105.42	10548	105.57	後位	105.04	100.12	100.27
5 109.43	100.40	100.29	1.04:07	125.49	05.42	115.42	105.57	1.00.02	105.05	100.12	106.27
117.00	10.12	198.28	1827	118.32	10.43	110140	118.84	1925	100-00	117.44	107.42
147.87	110.14	18.23	(19,27	113.33	118.43	148.60	112.43	118.24	118.01	112.43	117.42
F (00.42) (17.98)	188.42	06.28	108.05	18548	105.42	125.49	105180	01.02	100.05	100.10	100.28
3 08.43	05.42	06.27	06.65	100.47	102.42	155.49	105.58	供信	00.05	100.13	108.25
0.105.04	(10.15)	118.23	118.08	1824	125.43	112.50	118-42	102	100.00	117.42	117.48
112.00	118.18	108.22	110.20	1824	100.44	11850	118-67	1422	117.00	117.43	117.42
10 y 00, 44 1 Y 200	110.40	10028	106.03	(1836)	18.45	18650	112.40	(0.0)	106-00	100.04	100.00
11 00.44	10041	105.25	109.02	10546	108.48	10630	105.58	褐色	00.00	106.15	100.31
12100.44	1後46	100.24	198.02	15.45	105.43	112.50	118.40	192	101.00	10.42	06.27
1 48 54	118.76	118.24	11828	118.95	12:45	11850	118.48	18.19	117.56	117.42	117.44
12-06-45	100.00	100.24	1829	112.05	10143	12.50	118.40	100	100.00	開作	100 82
14 100.45	100.40	00.29	196.61	10545	05.41	10.51	105.29	08.00	00.00	198.16	100.25
15 00.45	100.28	100.22	19,29	15.45	05.43	112.49	13.35	100.00	06.00	117.40	117.40
110.00	118.12	108.24	11828	118.36	12.46	11848	118.29	18.15	11734	117.81	137.40
18 106-40	110.38	198.22	100.08	145.45	100.43	110.01	100.00	100.00	105.06	112.41	105.38
17 (00.40	179.35	100.23	100.09	05.48	00.44	195.52	1.01.00	06,08	01.07	100.10	00.04
10.04	100.28	10020	11829	10044	11847	10682	108.00	1010	117.58	17.41	107.40
19.54	18.18	108.28	118,28	1837	13.47	11849	118.37	18.18	1738	112.41	117.47
110.00	100.37	100.18	18557	105.44	118.47	126.62	105.00	100,000	111.02	112.01	177.47
29 100 48	100.37	198-18	145.07	105.44	10544	11249	100.00	198.03	00.07	100.09	106.28
21100.48	18.36	00.18	10554	105.44	105.44	125.52	106.00	201 100	106.06	199.20	100.36
178.00	112.18	198.23	1938	10.18	12.48	18.48	15.00	0.02	11737	112.21	117.48
1 18:06	118.20	148.23	(18.30	110.04	132.48	11848	118.54	108.01	117.80	110.41	137.40
1010646	110.00	100.10	19558	105.43	10048	195.04	106.00	100.00	106.00	180.21	106.27
24 (06.46	196.22	105.15	19554	105.43	10148	195.84	100.05	00.05	00.00	180.21	00.38
110-07	148.00	148.28	10554	110.00	100.40	11848	118.30	10.10	117.45	100.00	147-48
110.00	10.21	118.28	11823	18.29	12.42	11040	118.88	10.06	17.49	117.81	177.00
29 100-45	100.34	100,14	100.03	100.42	105.46	18554	118.32	10.04	17.48	1002	100.26
27 100 46	國際部	100.13	145.53	105.43	01.44	195.58	106.01	100.04	00.05	100.28	00.38
2910040	1925	198.26	195.52	118.40	112.49	195.58	106.05	100.04	00.00	197.01	100.40
15.10	18.21	192.08	1839	118.40	12.48	11847	118.30	10.07	17.47	117.81	197 102
25 0145	1	106.52	18952	10.42	12.48	10.10	118.00	00.04	06.10 17.4P	158.26	100.40
30 100 64	1	208.71	100.01	105.42	100.47	100.00	108.01	1 95 04	100.10	100.25	100.40
110331 31 (100.44)		11828	14832	11841 (95.42	110.00	118.46	11828	1400	105.46	117.41	117.021
198.91	1	11827	See.	11841	1 mil	116.40	110.28	1.	317.46	law	1-07-68
Potential purchases (201 Burn of minutes with fisher #	100	194	1949	1000	100	140	1992	1968	1246	(M2	1348
lattic loyout. For each day in and	1.1		Sec. 1.		2.000	0.011.011					1
Day in month Sun raw Down		of love (h									

								27/5/2014 7:34 / 37 Institute Institute of Technology Ayothaya This license is Chi,Y to be used for educational purp					
							- Déaleis	H	writs / bio 6/2 8.258	otorulat	turiĝinstraal sun		
HADOW - Calenda	r per	WTG	<u> </u>					0.000					
TG: 27 - GWI Wind GV	Vi 121/3	2500 25	00 121	0.10 h	ub: 120	0 m (T	OT: 180	5 m) (i	61)				
assumptions for shade to calculated times are "work The sun is shering all the day The rotor plane is always per The WTG is always spending	t caes' g , how su peridio.li	ionen by the Period Bo M	e followir unsel			t,							
library	ferra	-	-	-	járe .	-	August	(index)	infortation	(Sec.1)	a Davaniar		
11.00.41	1.00.04	100.00	100.10	100.01	101.42	IMAT	10556	100.02	105.04	106.91	10628		
1.17.56 21.06.42	112.12	1922	18.37	118.52	118.42	18.48	100.04	11828	18.04	117.48	100.30		
117.00	158.52	116.22	119.27	116.32	19.42	10.49	11845	11827	1854	11245	117.45		
1.17.00	16.13	118.22	18.27	110.33	18.42	112.40	1245	1826	(1863	17.44	117.42		
4 (0) 42	100.40	100.00	1927	105.46	105.42	10.45	18557	186.62	105.04	126 12	106.37		
1 96 42	100.40	06.29	18.07	100.46	100.42	10.40	101.17	100.02	00.06	10012	106.37		
610648	100.43	00.25	00.06	10.48	100.42	10.48	105.67	100.02	10.01	146.10	100.08		
117.55	198.40	110.28	1827	118.20	141.43	110.55	10538	112.24	11801	117.43	117.42		
117.58	110.14	118.08	18.28	110.34	112.44	18.56	18.43	118.23	18.00	17.43	117-45		
R 100.43	180.42	100.27	19.05	18.47	12.42	10.45	1842	11822	100.05	11142	108.29		
# 00:44 17:00	101.42	110.27	100.04	10.07	100.43	10.49	10558	100.02	100.00	111.42	117.42		
10106-44	110.01	100.20	100.01	108.47	100.43	10.00	105.58	100.02	06.03	100.14	106.30		
117 08	110.10	148.25	118.28	19.30	118.45	192,50	11845	11821	117.58	117.42	117.42		
110.00	1.10.10	118.24	10.28	118.00	118.40	18:50	13841	118.20	177.5.5	117.42	1177-40		
121 00:48	198.40	196.24	供信	12.4	195.42	10.00	10509	199.02	100.05	109.10	100.31		
18 05 40	15.40	100.24	00.01	100-40	100.43	105.51	00.08	105.02	0000	1742	100.52		
14 00.40	19.17	198.24	48.29	19.8	100.43	12.49	112-40	100.05	05.05	106.00	109.00		
10.100.40	112.17	10.22	18.28	123	12.45	10.49	18.29	11818	17.55	17.81	112.46		
1 18.02	1 100.00	11826	18.28	118.30	10.48	112.49	11839	STATE.	17754	11.5.41	517.40		
18 00:40	136,30	198.20	100.08	19540	信用	100.01	118.59	100.05	117.54	106.07	217.46		
17100-48	100.00	100.21	101.08	10.40	12.44	10.52	108.00	100.03	198.07	38.18	100.34		
12 00.40	118.38	00.00	1.00.04	102.44	100.44	105.52	106.00	100.03	DEDF	06.18	(100.30)		
140.04	110.10	110.10	14.3	110.05	112.47	14.46	106.00	11818	10000	17.81	117.47		
1.18.08	112.10	138.05	18.30	118.37	110.47	10.48	11236	11814	1178.82	177.41	537.47		
3 10 (00.40) 1 15 06	106.37	100.19	10.37	18.44	100,444	10.63	12420	106.05	1196.07	12.41	100.30		
21106.45	100.00	100.18	10.05	100.44	100.44	10.53	105.08	106/05	106/09	19620	100.36		
32 00.40	1.08.36	100.17	100.08	10.43	100.45	105.53	06.00	100.00	80.99	00.20	106.32		
1 10 00	110.20	110.20	14.20	110.36	110.40	10.48	100.00	100.00	110.00	118.21	117.45		
1.18.07	110.00	158.25	118.00	118.00	110.48	118.48	118.84	11811	117.00	117.41	117.40		
24 06 AL 10 OF	192.20	100.16	18.04	00.40	18.42	10.54	1833	10640	17.48	106.21	117.40		
20 00.40	105.54	100.10	10.04	100.43	105.45	10.54	101.01	100.04	17.48	12.01	10138		
29 (00-46	1.06.04	100.14	105.02	100.40	1201-44	1054	10001	200.04	oces.	104.22	(06.26		
100.00	1821	1100.13	1420	118.40	110.48	1847	188.00	100.04	117.48	117.01	117.00		
1 10 00	118.21	110.00	118.20	118.40	118.49	18.47	118.81	118.67	117.48	112.41	197.00		
221 06.48	1982年	100.13	18.22	105.40	100.49	12.47	10021	126/24	17.47	198.23	2008-400		
25 00.40	1	D1.00	101.02	100.42	100.40	10130	100-01	105.04	00.15	100.24	106.40		
30106.44	1	100.11	1.00.01	115-42	100.47	105.04	100.01	100.04	06/18	106.25	100.40		
110.11	1	110.20	118.32	118.49	110.40	112.46	11829	11805	177.65	11241	117.00		
118.11	1.	118.27	1.	118.01	T.	12.46	11028	1	177.46	h.	3 12 68		
Potential survivours (201) Lanced metades with Robert 1	148	(44.)	100	1300	100	1402	1962	jour ,	1346	1940	1540 6		
	10.000		wing mat		1. The second second					1000			

EGCO_Chaiyaphum_rav			2500-421 helysphu				3150 Innote	tora 73	4/38 schnolog	y Ayatha	19,269 Nov 20 nyx for educational purpose
							Death	B	anis / 60 6/2 9 200	ormute	der@hiteal.com
SHADOW - Calenda	r per	WTG	_								
NTG: 28 - GWI Wind GW	121/2	500 25	00 121	0101h	ub: 120	0 m (T)	OT: 180	5m) ((92)		
Assumptions for shado	w calc	ulation	18								
The coloulated times are "word. The sum is shiring all the day, The story place is stiways pary The WTG is always operating.	First But	reins to a	uneat								
Jenury	Petroat	-	(April	(May	plane.	skey	itupat	-	angGritation	-	in the sector
1 (00 A1	100.44	188.32	10610	19551	10542	185.47	105.05	185	100.00	10611	100.25
2100.42	105.48	108.22	10008	11833	10042	10.47	118.45	192	100.04	117.46	137.66
117.00	118.52	198-22	11827	11832	1842	11849	(18.45	14.77	110.04	112.46	1.17.48
5 1 00 42 17 mil	100.00	105.21	196.08	18.55	18.42	1849	118.45	(保留)	100.04	部位	100.20
4 00.42	100.48	1922	196.08	10549	105.42	10548	105.57	後位	105.04	100.12	100.27
5 100.43	100.40	100.29	10407	(25.49	05.42	110.42	105.57	100.02	101.00	100.12	106.27
117.00	10.12	10.22	1827	19832	12.43	11010	118.00	1925	10.01	117.44	117.42
147.87	110.14	16.23	(18,27	118.55	118.43	148.60	112.43	110.24	118.01	112.45	117.42
F (00.42)	18.42	05.28	108.05	18548	105.42	105.49	10518	0.02	100.05	100.10	100.28
3 (8:43)	05.42	06.27	06.05	100.47	101.42	155.49	115.52	供应	00.05	100.13	100.25
1.F.200 D-1 (20) 44	10.15	198.23	110.00	1834	1244	112.50	105.12	10日	17.58	117.40	117.48
171008	118.18	118.22	(1828	1824	110.44	11850	11840	1 10 22	110.00	117.42	117.42
10 (06.44	12.40	10028	106.03	195.47	00.43	186.50	(05.38	10.00	17.58	100.04	106.30
117 100 44	100.41	106.25	0100	10546	108.48	10630	105.58	褐色	00.05	1-002-155	100-31
110.000	110.16	110.24	17828	18.25	118.42	112150	118.40	10.25	112:57	117.42	117.44
12 100.44	(例)和 (後州)	20028	10602	11826	105.43	100.50	118.40	100.00	17.50	105.0	105.27
12 / 06-45	1.00.007	10.24	10001	105.48	0143	1249	105.05	10.0	00.00	10.0	100.02
14 (0) 45	15.17	100.25	19081	10545	05.41	195.54	105.28	08.00	00.00	178.16	100.38
10.00	100.28	100.22	1929	18.36	128.48	112.49	13.35	10.0	117.50	112.40	117-65
110.00	118.12	18.24	11828	11836	12.46	11845	118.20	18.17	11734	112.01	137.40
10.00	100.00	100.22	100.08	105.45	0043	110.01	105.05	100.00	105.06	100.17	105.38
17 (00.40	178.35	100.21	100.09	105.44	00.44	190.52	109.00	100,008	06.07	100.18	1.00.04
10.04	1213.	1928	11829	10044	11849	10112	118.38	10.12	17.53	17.41	17.40
110.04	118.18	108.25	118.28	11837	1847	118.45	118.27	18.18	117.52	112.41	(17.47.
15 (00-40)	100.37	100.18	185.57	105.44	00.48	186.62	105.00	100.00	100.07	12.01	106.05
29 (00 48	106.37	100-18	146.62	105.44	105.44	196.53	100.00	1 98 55	06.07	100.19	106.38
118.05	142.19	198,25	11530	110.08	11847	11249	118.00	100.00	117.51	117.41	157.47
1.10.00	112.18	118.23	110.30	118.54	118.47	118.48	118.00	108.12	115.28	112.81	117.48
22 00 40	100.00	100.17	105.56	10543	10545	105.62	108.00	100.00	100.00	100.20	01.27
10 1 06 46	100.00	106-10	105.58	05.43	00.48	199.04	105.00	100.00	06.00	180,21	106.37
24 05 45	1925	19826	11836	118.43	112-48	115.48	118.04	100.00	172.00	117.41	117-48
110-07	118.00	148.28	18.20	18.09	10.48	11848	118.30	108.100	117.48	117.41	117.40
25 (90.45	100.34	100.15	10554	102.43	00.48	11040	106.01	00.04	100.00	100.22	100.38
2910045	100.34	00.54	100.53	105.45	105.45	18554	106.01	1.00.04	100.00	196.22	100.28
27 100 40	1425	188,26	1831	18.40	198.40	1547	118.32	100	00.05	112.41	17.01
1 18.00	118.25	198.26	11831	118.40	12.49	11847	178.31	1.42.07	117.48	117.40	177.01
29 1 06 48	11821	105.12	1831	105.45	155.46	125.58	106.01	100.04	17.47	100.23	100.40
25 00 45	1	106.52	10152	10042	01:48	18634	105.01	00.04	06.10	108.24	00.40
30 (00.64	£	198.11	11832	108.41	100.47	110.40	108.00	100.04	100.10	117.41	100.40
(1833)	1.	11828	148.32	118.41	1846	118.45	118.29	10.00	17.46	1.12.41	147.825
.81 (DE 44 192.91	1	11827	1	11841	1	15.40	106.01	1.	100.10		100.41
Potential autohoute 1 201	129	1254	1273	1 250	ine .	1422	1.7902	ior .	1 268	(MI	1340
Burn inf minutes with fibres . It								0.0	1. I		
lattis layout. For such day in suc	A HOURS	the toke	mod with	a visit							
Day in month Bun rate Driver Bun and Ork one	ni Pi	of long D	Accession in the	h facearic	of long D	a manufacture of	a minister of	-	dial and		

GCO_Chalyaphum_rev		ova 1211 Subyai, O					27/5/ bare built	2014 7 3	4729 echnolog	y Ayelly	19,269 No kya for educational p
							(Déalet	M	writu'i bio 6/2.8.258	orinda	to Grainei an
HADOW - Calenda	r per	WTG						0.000	100.0000		
TG: 29 - GWI Wind GW	and an owner where	Contraction Designs	and the second se	0.10 h	ub: 120	0 m (T	OT: 180) 5 m) (63)		
assamptions for shado to calculated firms are "work The sun is shining all the day. The rotor plane is stways per The WTG is always spending	town' p how all	iven by th Ariae to e	e followie unwil			e.					
j.me.urg	Frence	-	-	-	ikee .	jky.	August	Andres	infiction	(howen)	in Decesion
1100.41	100.04	100.22	10010	100.01	100.42	INCAT	10526	100.02	100.04	106.11	106.25
21.06.42	12.12	198.22	198.08	118.52	118.42	10.49	100.04	106.02	118.04	117.48	109.26
117.00	15.52	116.22	119.27	198.32	19.42	10.49	11845	11827	1254	11245	117.42
1.17.000	16.13	118.22	18.28	148.33	18.42	10.40	1245	18.26	14.8400	117.40	117.42
4 (06) 42	10140	100.30	100.08	105.46	105.42	10.50	185.67	186.62	106.65	10012	108.37
5.00.43	1214	106.29	18.07	100.46	100.42	10.40	105.57	100.02	100.05	100.12	100.35
6-(06.42)	100.40	100.25	01.00	100.40	100.42	10.48	105.67	100.02	105.00	106.13	109.28
117.57	110.14	110.28	18.28	110.04	10.43	10.55	14243	11224	115.01	117.44	117.42
117.58	110.14	118.08	18.28	110.34	12.44	18.56	18.43	118.23	18.00	117.48	117.45
R 100.44	188-42	100.27	19.00	12.40	122.44	10.45	1842	11822	17.08	17.42	108.29
8 00.44	18.42	100.27	100.04	10.07	100.45	10.49	10558	100.02	00.00	100.14	100.00
10106-68	118.42	100.20	100.01	105.47	100.43	100.00	105.58	100.02	06.03	100.14	106.30
/ 10:00	110.10	110.24	148.28	110.00	118.45	192,50	11841	11821	117.58	117.42	217.40
110.00	1.10.10	118.24	10.28	118.00	118.40	18:50	13241	11820	17757	117.42	137.68
12100.44	100.00	195.25	供信	111月	105.43	10.50	105.09	19183	100.00	100.10	108.52
1.0 1 (95.40)	12.0	100:24	00.01	100-40	100.42	05.51	00.08	100.02	100.00	100.10	00.52
14 100.40	198.47	198.24	18.29	15.8	100.42	19:50	11240	11819	117.50	117.42	117.40
10.00.40	110.17	118.04	118.28	110.38	12.45	10.49	18.39	11818	17.55	117.81	111.45
18.00	10.39	100.22	18.28	10.40	100.42	100.01	105.58	10105	105.06	115.41	106.30
18 00 40	110.30	182	100.08	10.40	192.44	10.52	100.29	100.05	117.54	19610	105.34
17100.40	100.00	100.25	101.08	105-48	100.44	105.52	108.08	100.03	106.07	30.18	108.54
12.04	110.10	118.25	11829	112.37	122.47	112.49	118.32	11815	117.53	117.41	117.40
110.04	112.12	118.20	14.25	10.07	118.47	14.46	11837	11818	117.52	17.81	117.47
1.18.08	110.19	18.25	18.38	118.37	110.47	10.45	11036	11814	10007	117.41	537.47
20100-40	106.37	100.19	101.57	18.44	100.44	10.62	1235	106.05	106.07	100.18	108.38
21106.46	128.20	100.18	105:06	105.44	100.44	10.51	106.08	106.05	106/09	196.29	100.36
10.06	110,20	100.17	18.30	122.28	12.42	10.49	105.00	1812	117.53	17.41	117.48
1 43 08	118.20	118.28	18.20	10.38	18.48	10.48	118.55	11011	110.000	117.61	317.40
23100.40	18,20	100.17	118.00	110.42	110.42	100.54	100.01	100.05	106-68	196.21	106.37
24 05 M	100.00	100.16	14.01	00.40	135.42	10.54	06315	100.04	106.08	196.21	109.38
30 00.40	105.54	00.10	10.24	100.43	105.45	00.54	01.01	100.04	01.08	09.22	106.30
10.00	11021	100.00	10.01	110.00	110.48	110.45	100.00	110.09	17.48	17.41	11730
1 68:08	1821	138.28	18.20	118.40	110.48	18.47	188.30	10.08	117.48	17.01	137.00
3710646	199,22	100.14	16.52	18.45	150.40	100.55	188.01	100.04	117.48	106.28	100.00
221 06.48	126.05	100.12	100.02	105.48	100.48	10.55	10001	100.04	06.78	105.24	206.40
25106-41	1421	118.20	18.52	10.40	12.48	10.47	18.35	100.04	117,47	17.81	117.00
1.18.70	1	100.00	10.00	110.41	122.45	10.40	18.30	18.00	17.47	17.01	117.52
and a set of the set o	2	158.27	1 18 32	110.41	110.49	112.46	14829	100.04	177.48	112.41	1177 84
30 1 00.44 1 18 11				105.40	1	105.54	10600	1	00.11	1	100.41
110.11	1	100.17	100	1.10.01	1.0	100.00					
138.01	in .	1927	in.	110.41	in .	112.46	1982	ine.	177.46	100	1540

EGCO_Chalyaphum_rav01 OW 131/350-42 W0Ts Subjex, Chalyaphum								tora 73	02 () schoolog	y Ayatha	19,269 Nov 20 nyx for educational purpose
							Death	B	anits / 64a 6/7 9 268	onnute	der@hiteal.com
SHADOW - Calendar	r per	WTG	_								
VTG: 30 - GWI Wind GW	121/2	500 25	00 121	0101h	ub: 120	0 m (T	OT: 180	5m) (6	54)		
Assumptions for shadow	w calc	ulation	18								
The coloulated times are "word". The sum is shiring all the day, The story place is stelling parp The WTG is sharps operating.	First But	visa lis a	unaat			1					
(Jenuey	Petroat	-	(April	(May	plane.	skey	itepat	-	erGitelar	-	in the sector
	100.44	188.32	10610	19551	10542	185.47	105.05	185	100.00	100.11	100.25
2106.42	105.48	108.22	10008	11833	10042	10.47	118.45	1928	105.06	117.46	137.64
147.00	118.52	198.22	11827	11832	1842	11849	(18.45	14.77	110.04	112.45	117.42
3100.42	100.00	100.21	(19)27	18.55	18.42	1849	105.57	(保留)	100.04	18.12	10028
4 /00/42	100.48	198,315	196.08	10549	105.42	100.48	105.57	後位	105.00	100.12	100.27
5 109.45	100.40	100.28	10407	(25.49	05.42	105.42	105.57	100.02	01.05	100.12	106.28
117.57	10.14	1023	1827	1932	12.43	11830	118.00	1925	15 02	117.84	117.42
112122	110.14	16.23	110,00	112.54	1243	13.50	112.43	110.24	1 18.01	117.44	117.47
F (00.42)	1814	105.28	10005	18548	105.40	125.49	105180	10.02	100.05	100.10	100.28
2 05.44	0.42	06.27	06.05	100.48	105.43	155.49	105.52	0.0	00.05	100.14	100.25
117.00	10.15	198.23	110.00	1834	1248	112.50	105.12	10日 新型	101.00	117.40	117.48
111-02	110.10	100.27	(1828	1804	120.44	11850	118.42	11227	117.08	117.40	117.42
10 (08.44	18.42	148.24	106.03	(1235	18.43	18650	112.40	0.00	106-00	190.14	106.00
11 100 44	100.47	196.25	100.03	14547	108.43	10030	105.00	0.02	00.00	100.02	100-31
1 12:00	110.16	110.24	17828	10.25	118.42	112150	118.40	100.000	11288	117.42	117.44
12 100.44	(例)和 (接列)	200,25	100.02	11008	105.43	100.50	155.79	100.00	17.67	105.15	100.22
12 06-45	1.00.007	1024	00.01	105.48	0143	10001	105.05	10.00	00.00	価格	100.00
14 100.40	15.17	100.24	19051	105.45	105.43	18.51	105.00	10.0	00.00	110.42	100.25
10.00	110.17	19824	1929	15,36	0143	112.49	13.35	10.0	117.52	19.0	117.40
10 00.40	18.18	18.24	10000	1826	12.48	(1845	118.20	10.17	100.00	112.81	117.40
11116-42	100.00	198.22	100.08	105.45	10548	196.82	105.05	100.00	105.06	100.17	100.28
17100.40	178.00	100.23	100.09	10548	0044	110.49	109.00	00.00	06.07	100.18	100.04
170:04	112.18	11828	11829	11837	11847	(13.49	118.08	18.10	117.88	(17.41	117.48
12 00.45	106.38	10020	11828	10044	1847	11845	118.37	10.03	106.07	112.41	106.30
19 (00-40	100.08	100,210	18557	105.44	18.47	186.62	105.00	100.00	106.07	100.16	106.05
29 (0) 45	106.37	100-18	145.02	105.44	105.44	196.53	100.00	1 98 125	00.07	100.19	106.38
110.05	12.19	198.25	11830	110.08	11847	11249	118.30	1.42.52	117.51	10.41	117.48
1.102.000	118.20	118.23	110.30	1834	112.48	110.49	118.00	108.12	115.27	112.81	117.48
27 (0) 40	例果	108.17	100.06	10544	10545	100.62	106.00	1 (90,000,	105.08	100.20	01.27
101-06-46	100.00	18.17	19538	05.43	00.48	199.04	105.01	100.00	06.00	110.21	106.37
24 06 45	1925	19828	118.36	118.43	112-48	115.48	118.54	00.04	177,58	117.41	117-46
110.000	118.00	148.28	1839	18.09	10.48	11848	118.50	18.10	117.48	117.41	1-07-000
25 100.45	100.34	100.15	10554	102.43	00.48	10054	106.01	11010	100.00	100.22	100.36
29 100-45	100.34	100.14	100.53	105.43	105.46	18555	118.32	10.04	100.00	100.22	00.26
27 100 46	國際部	100.14	11831	100.43	01.44	195.58	106.51	1 10 14	00.05	100.28	100.38
1 %8.00	118.25	198.26	118831	118.40	12.49	11847	178.31	1.12.05	117.48	117.40	137.81
19 100.45	118.00	105.12	19552	15.45	155.46	125.58	106.05	100.04	105.10	100.04	100.40
25 00.45	1	106.52	10152	10043	01:48	18634	108.01	00.04	06.10	108.24	00.40
30 (06.64	£	11826	100.01	118.41	100.47	110.40	108.00	100.04	100.10	117.41	100.40
[1603]	1	19827	148.82	11841	1846	118.45	11828	10.00	17,46	112.41	1479 828
81 100.4A	1	11827	1	(15.45	1	1540	106,62	1	106.11	1	100.41
	100	1254	1373	1 250	1204	1475	1.7962	1007	1268	int .	1.540
Potential purchases 1 201											
					· ·	F 1		6 () ()	1	0	e e

GCO_Chalyaphum_re	w01	GVM 1211 Subyei, G					27/5/ bare built	2014 7 3	1/31 scheeling	y Ayelly	19,269 No kya for educational
							- Déalei	M	writs / bio 6/2 8.288	otinuta	tur@issteel.com
HADOW - Calenda	ar per	WTG						0.5000	12.5750		
/TG: 31 - GWI Wind GV	Ni 121/	2500 25	00 121	0.00 h	ub: 120	0 m (T	OT: 180	15 m) (35)		
assemptions for shad to calculated times are "worn The sun is ablering all the day The rolor plane is always per The WTG is always operation	it cares' (y, from a rpendio.)	piron by th Arrian 31 M	e followir unwit			e.					
Jamora	fees	-	(April	-	ikee.	jky.	August	Andres	-	(howen)	a formation
1 100.41	100.04	100.00	100.10	100.01	105.42	Inter	10556	106.52	100.04	100.11	100.20
2106.42	128.44	100.21	100.08	186.00	(18.47	100.47	100.24	106.02	00.04	196111	106.26
117.00	10.12	114.22	119.27	198.32	19.42	10.49	11845	11827	1854	117.45	117.42
4 (19) 41	16.13	1922	18.27	19.30	158.42	10.40	1245	11826	12.00	117.45	117.42
177.06	11010	118.22	18.27	178.85	118 42	18.50	172.64	11826	18.82	117.44	117.42
1.00.43	12.10	100.29	105.07	100.46	100.42	10.48	12.44	1825	100.05	100.12	100.35
6(0).40	198.40	100.25	100.06	10.40	100.42	10.48	105.67	100.02	108.00	10613	100.38
P10648	198-48	100.28	105 08	105-44	100.43	10.49	10538	10642	06.05	10612	119.25
117:58	110.14	118.23	18.28	112.34	112.44	10.55	18.43	11823	158.00	117.48	117-45
17.58	18.10	190.27	18.28	12.34	12.44	10.50	1842	11833	17.58	17.42	117.40
17.00	112.10	118.29	11828	110.04	10.44	18.50	118.42	11822	17.08	117.42	117.42
10:00.44	118.42	100.30	100.01	10.47	110.40	100.00	105.58	108.02	100.03	100.14	106.30
11 100.44	108.41	106.25	198-00	105.47	105.43	105.50	105.68	100.53	06.08	100.15	150.21
1210048	110.10	196.26	11221	110.00	118.42	10:50	105.09	100.00	1757	117.42	117.48
1.18.01	10.15	118.24	1228	1928	18.45	18:50	118.48	11819	11757	117.42	11744
1.0 (96.40	18.17	100.24	18.29	118.00	18.48	19:51	1240	11819	17.54	115.42	117-40
14 00.40	128.40	100.28	1000	10.4	108.42	10.51	1229	120.05	105.05	126.18	109.32
18.100.48	100.20	100.22	04.00	101.40	101.42	100.51	0138	10005	17.52	100.07	06.30
18 00:40	110.30	100.22	100.08	100.40	100.44	100.52	100.29	100.05	05.00	19617	106.04
1.02.00	1218	158.25	118.29	19536	118.44	110.49	118.58	11816	117.54	117.41	217-46
110.04	110.10	118.20	118.29	118.37	TRAF	112.49	119.32	11818	TPER	115.41	117.40
13 06 40	110.00	106.20	100.08	102.44	118.47	10.52	106.00	1818	1733	17.41	100.30
TH 00.4L	110.00	106.20	18.57	100.44	110.44	10.52	1836	11814	10007	10019	100.00
20100.40	106.37	100.19	106.57	110.44	100.44	110.62	104.00	106.65	106.07	1-04110	108.38
1 15 06 21 1 06 45	110.10	110.10	18.00	110.00	158.47	10.49	11236	100.05	117.57	117.41	117.48
10.06	110,00	110.17	18.00	12.38	12.42	10.49	18.35	1812	17.53	17.41	117.48
1 sh OF	110.20	118.28	18.20	10.38	18.42	10.48	118.35	10011	11080	117.81	317.40
23 00:40	116.20	198.07	101.53	19.40	192.42	10.54	100.01	100.05	1758	196.21	106.37
24 06 85	192.00	100.16	14.01	00.40	186.42	100.04	10631	100.04	100.08	196.21	101.36
20 00:40	105.54	100.10	10.54	105.43	105.45	00.54	05.01	100.04	01:08	09.22	106.30
29 100-46	100.04	110.20	100.00	110.00	110.48	10.48	10601	100.04	17.48.	106.22	11730
1 08 08	1421	11828	18.20	118.40	110.45	18.47	18.52	1008	117.48	117.01	117.00
1 10 00	118.21	110.00	118.21	118.49	158.49	112.47	118.01	11818	117.48	(12.41	117.80
22106.48	198.00	100.13	18.02	100.40	112.45	12.47	18.21	100.04	117.47	105.24	117.00
25 06 46	1	100.12	101.122	10.41	125.48	10.55	18.30	105.04	06.18	17.01	106.40
30 (00.44	1	100.111	1.00.01	1151-40	100.47	105.54	100/01	100-04	00.18	106.25	100.40
110.71	1	118.27	118.32	10.41	118.48	112.46	14829	11805	177.48	11241	1.07.00
198.91	1	110.07	1	110.01	E.	1246	11028	1	117.46	here.	117.63
Potential part hours (201 East of malates with Notes	, inter	1 (Sec.)	100	130	1001	1401	1962	jour.	1346	1940	1540
able legent. For each day in a				the sector							
Day in merch	-	ing time (t	trees) int	h ficher L							

EGCO_Chaiyaphum_rav			2500-421 helysphu				3150 Innote	tora 73	() 33 ectonolog	y Ayatha	19,269 Nov 20 nya hr educational purpose
							Death	B	ants / 5%	ormite	dor@hiteal.com
SHADOW - Calendar	per	WTG						100019			
NTG: 32 - GWI Wind GW	121/2	500 25	00 121	0101h	ub: 120	0 m (T	OT: 180	5m) (8	56)		
Assumptions for shadow											
The coloulated times are "word". The sum is shiring all the day, The story place is stelling parp The WTG is sharps operating.	Hot but	visa lo a	uneat								
(denory	ferrar	, March	(April	May	plane -	skey	ikapat	-	angGr, the last	-	in Chambler
	100.44	188.32	10610	18551	10042	185.47	105.05	185	100.00	100.11	100.25
2106.42	18.12	108.22	10008	11833	10042	10.47	118.45	192	105.06	117.46	137.61
117.05	199.52	198.22	11827	15832	18.42	11849	(18.45)	942	158.54	10.45	117.42
17.68	10.10	148-22	19,27	1835	18.42	1849	118.40	14.26	1.18-02	117.40	147.42
4 100.42	100-48	199.20	196.08	10249	105.42	100.48	105.57	後位	106.00	100.12	108.27
5 109.45	100.40	100.28	10407	(25.49	05.42	105.42	105.57	100.02	101.01	100.12	106.27
117.57	10.14	198.23	1827	118.32	12.43	11810	118.44	1925	100-00	117.44	117.42
147.87	18.14	16.23	110.08	112.54	1843	148.60	112.43	110.24	118.01	117.64	117.42
F (00.42)	1814	195.28	100.05	18548	105.40	125.49	105180	100.02	100.00	100.10	100.28
2 00.44	05.42	06.27	00.05	10040	05.43	155.49	105.58	供应	00.05	100.14	100.25
9100.44	10.15.	118.23	118.28	11034	1248	112.50	105.12	10日 1時間	105.00	117.40	117.48
111200	18.18	108.22	(1828	1824	110.44	11850	11840	1 10 22	112.00	117.40	117.40
10 (08.44	12.42	148.24	106.63	(1838)	100.43	10000	112.40	(0.0)	106-00	100.14	100.00
11 06.44	100.41	106.25	0100	10547	108.48	10630	105.09	00.62	01.05	106.15	100-31
110.00	後袖	10234	118.28	13,25	105.43	112.50	118.40	190.02	12.17	100.10	06.27
1.48.64	18.76	11824	11828	11898	112.45	11850	118.48	18.19	117.67	12.42	117.44
12 / 06-45	10.40	0.24	1828	105.48	1845	12.50	118.40	10.10	100.00	100	100.00
14 (0) 45	100.48	00.29	196.61	105.45	05.48	116.51	105.28	0.00	00.00	178.16	100.25
10 100 40	18:17	10022	1929	15336	0143	112.49	13.35	100.00	00.00	112,40	117.40
110-00	18.18	18.24	11828	11836	12.46	11845	118.20	18.17	177.88	112.01	137.40
111111	196.38	19823	100.08	1044	10548	11849	118.38	1.06.00	105.06	112.41	100.34
17 (10.40	10.00	100.21	100.09	05.48	0244	190.52	109.00	06.00	06.07	100.18	1.00:104
10.04	1213	100.20	195.04	10044	11849	(13.49)(01.12)	118.38	10.12	177.52	17.41	117.40
19,04	18.18	108.25	118,28	1837	13.47	18.45	118.37	10.10	117.52	112.41	117.47
110.00	10.18	188.28	(1830)	118.07	1847	118.49	(18.36	110.14	11/52	112.01	137.47
20-100-40	12.15	198-18	145.07	105.44	10544	11249	100.00	100.00	00.05	100.00	106.00
21100.45	100.24	106.18	10554	105.44	105.44	120.52	106.00	200.020	106.06	110.20	100.26
110.00	18.20	198.23	11230	11826	112.48	12.48	15.00	100.00	117.57	112.81	117.48
1 18 196	18.20	148.23	1830	110.04	12.48	11848	118.00	18.11	117.80	110.41	137.00
1010646	100.00	100.17	19558	105.43	100.48	199.04	118.54	100.00	106.00	180,21	106.27
24 (06:45	100.20.	100,118	19554	105.43	65.45	195.54	imm	00.04	00-00	180.21	100.38
1 16 18 25 1 00 45	148.00	148.28	1829	10043	00.40	11848	118.30	100.04	117.48	10.01	1-07-000
112.10	110.21	118.26	17825	12,29	12.42	11040	118.88	10.06	117.49	117.81	177.00
29 100-45	10.34	100.14	100.03	105.42	105.46	18555	118.32	10.04	101.00	100.22	100.26
27 100-45	後加	100.14	146.03	105.43	12.49	185.58	106.51	100.04	00.06	100.23	100.38
29106-45	100.00	146.13	0152	105.43	05.46	195.58	106.01	01,04	01.70	199.23	100.40
18.10	1821	100,02	1832	18.45	123.48	1547	18.21	10.07	17.48	1.12.81	117.52
(18.10	1	1826	18.92	18.41	12.00	1240	118.00	10.00	117.42	158.26	117.00
30 100.04	E	198,11	10051	105.42	100.47	120.00	108.01	195.04	100.12	102.0	100.40
81 ± 00.44	10	298.77	1 Internet	(95.42	1.000	195.04	106.62	1.00	100.11	1000	100.41
Potential aux house 1 201	-	11827	lan .	1041	ine .	1546	19.28	iner .	17.46	int .	107.53
Burn of principles with fisher R	100					1.00					
lable layout. For each day in set					2.000				C. (1)		

1/7.40 UE12 UE22 UE23 UE23 <thue3< th=""> UE32 UE32 <th< th=""><th>_rev01 Ove 131/2 Subyel, Ch</th><th>100 43 WGTs Wyliphum</th><th></th><th></th><th>2016 2016 Interest</th><th>2014 7 3</th><th>4/25 schoolog</th><th>y Ayeth</th><th>19,269 No kya for educational (</th></th<></thue3<>	_rev01 Ove 131/2 Subyel, Ch	100 43 WGTs Wyliphum			2016 2016 Interest	2014 7 3	4/25 schoolog	y Ayeth	19,269 No kya for educational (
ATTG: 33 - GWI Wind GWI 121/2500 2500 121.0 101 hub: 120.0 m (TOT: 180.5 m) (67) Assumptions for shadow calculations The statulated states and water cancel of the state states and the states and t					(Déale	M			tor@totmai.com
Assumptions for shadow calculations to advalation forms un-barrier to several The orbitalized form of the barrier to several The orbitalized form of the barrier to several The orbitalized form of the barrier to several to the barrier	ndar per WTG					0.5000	1.1.1.1.1.1.1		
The analogical of the same, the servines is searching. The analogical of the same, the servines is searching. The same is ablened if the same servines is searching. The WTG is ableging affecting of the same servines is searching. Jammary Jammary J	GWI 121/2500 250	0 121.0 10	hub: 120	0 m (T	OT: 180)5m)(67)		
1 00.44 00.54 00.	word case" given by the day, how surrise to so perpendicular to the in	following assur							
17.40 18.22 18.27 18.28 18.42 18.40 <th< th=""><th>way if the way the th</th><th>April (May</th><th>járe.</th><th>iky</th><th>August</th><th>Andres</th><th>ing Column</th><th>(town</th><th>a formation</th></th<>	way if the way the th	April (May	járe.	iky	August	Andres	ing Column	(town	a formation
2 0									100.20
3 0.0.4 0.0	42 128.44 106.21	100.08 100.00	(18:42	10.47	100.24	106.02	00.04	196.11	109.26
IFE IE-30 I	42 128-84 100.01					106.62			117.42
1 F120 1 B12 1 B22 1 B20 1 B20 <t< td=""><td>18 1818 1922</td><td>18.27 192.30</td><td>18.42</td><td>18.49</td><td>1248</td><td>118.26</td><td>18.00</td><td>112.46</td><td>117.42</td></t<>	18 1818 1922	18.27 192.30	18.42	18.49	1248	118.26	18.00	112.46	117.42
1 Free 100 M 002.7 002.8 002.7 002.8 002.7 002.8 002.7 002.8 002.7 002.8 002.7 002.8 002.7 002.8 <t< td=""><td>26. 110.13 110.22</td><td>10.27 19.30</td><td>118 42</td><td>18.50</td><td>172.64</td><td>118.26</td><td>18.82</td><td>117.44</td><td>117.42</td></t<>	26. 110.13 110.22	10.27 19.30	118 42	18.50	172.64	118.26	18.82	117.44	117.42
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	6P 18 H 19 23	18.07 185.46		10.50	122.44		100.05		108.35
P 0	40 100.40 100.25	100.00 100.40	100.42	101.44	105.67	100.02	105.02	10613	100.38
B M	43 100-43 100-28	0.08 (0.4)	100.43	100.49	10538	106.02	06.05	106.12	119.25
IFTA IMPS IMPS <th< td=""><td></td><td></td><td></td><td>10.55</td><td>18.43</td><td></td><td>100.00</td><td>100.14</td><td>117-45</td></th<>				10.55	18.43		100.00	100.14	117-45
1 7 m 1 (25.5) 1 (25.5) 1 (25.5) 1 (25.6) <th1 (25.6)<="" th=""> 1 (25.6) <th< td=""><td>08 (1816 11828</td><td>10.10</td><td>1,12,64</td><td>18.50</td><td>1842</td><td>11872</td><td>117.08</td><td>17.42</td><td>117.40</td></th<></th1>	08 (1816 11828	10.10	1,12,64	18.50	1842	11872	117.08	17.42	117.40
1 400 1 414 0.55 0.53 0.54 0.44 0.45 <th0.45< th=""> 0.45 <th0.45< th=""> <th< td=""><td>00 11215 11820</td><td>11028 11024</td><td>10.44</td><td>18.50</td><td>110.42</td><td>11822</td><td>117.08</td><td>117.42</td><td>117.42</td></th<></th0.45<></th0.45<>	00 11215 11820	11028 11024	10.44	18.50	110.42	11822	117.08	117.42	117.42
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			100.43						106.30
12 06.44 05.47 06.43 06.44 05.47 07.59 07	44 108.41 106.25	·*** 10.4	100.43	155.50	105.68	100.53	05.00	100.15	109.21
1500 19-19 19-20 <th1< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>117.48</td></th1<>									117.48
Model (H17) (H29) (H29) <th< td=""><td>01 110.16 110.24</td><td>19.28 19.28</td><td>118.45</td><td>18:50</td><td>18.48</td><td>11819</td><td>117.57</td><td>117.42</td><td>137.44</td></th<>	01 110.16 110.24	19.28 19.28	118.45	18:50	18.48	11819	117.57	117.42	137.44
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$									117.48
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$									109.52
10 00.40 MK.36 00.50 MK.46 00.54 00.56 00.55 00.56 00	40 100.30 100.32	04.00 (01.4)	101.43	05.51	05.08	100.05	06.06	100.07	06.30
17 00.40 00.80 00.25 00.26 00.44 00.27 00.84 00.27 00.84 00.27 00.84 00.27 00.84 00.27 00.84 00.27 00.85 00.84 00.85 00									100.00
Hole Hole <th< td=""><td>00 (1218)1825</td><td>118.29 119.30</td><td>118.40</td><td>110.49</td><td>118.58</td><td>11816</td><td>17.84</td><td>112.41</td><td>217.46</td></th<>	00 (1218)1825	118.29 119.30	118.40	110.49	118.58	11816	17.84	112.41	217.46
100.4 101.8 102.9 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>108.34</td></th<>									108.34
III O.4.1 IME.20 O.1.9 IME.31 IME.44									100.30
300 60.47 60.87 60.37 60.44 60.44 60.43 60.44 6	41 126.28 100.10	100.57 100.44	100.44	105.52	106.00	200.03	0007	1.06.19	100.00
16.00 (14.10) (12.20) (13.20)		100.37 100.57	100.44	10.45	11836	106.05			177.47
Hole Hole <th< td=""><td>06. 118.18 118.25</td><td>110.00 110.00</td><td>158.47</td><td>112.49</td><td>118.36</td><td>21818</td><td>117584</td><td>117.41</td><td>117.48</td></th<>	06. 118.18 118.25	110.00 110.00	158.47	112.49	118.36	21818	117584	117.41	117.48
13.00 16.20 19.20 <th< td=""><td>06 (10.00)18.00</td><td>18.00 (10.00</td><td>12.42</td><td>10.48</td><td>118.35</td><td>11812</td><td>117.83</td><td>117.41</td><td>117.40</td></th<>	06 (10.00)18.00	18.00 (10.00	12.42	10.48	118.35	11812	117.83	117.41	117.40
323 60.42 (M.20) (M.7) (M.6) (M.4)									106.27
24 06.44 08.38 08.94 08	40 (196.20 (196.57	101.53. 136.42	198.48	100.54	100.01	100.05	106-68	196.21	106.37
10 00.44 00.54 00.54 00.64 00.64 00.54 00.54 00.54 00.54 00.54 00.55 00	40 100.00 100.10	1854 00.40	135.42	100.54	104.51	100.04	106.88	196.21	117.49
ULM ULM <thulm< th=""> <thulm< th=""> <thulm< th=""></thulm<></thulm<></thulm<>									117.02
10:00 1027 1028 1027 1038 1025 1048 1044 1047 1022 1058 1748 1791 17 37 0848 10533 1014 1053 1014 1053 1014 1054 1054 1050 1045 1045 1045 1045	00 11221 11020	10.01 10.00	(18.AR	10.48	12.25	118.09	17.48.	17.41	11730
1500 1927 1928 1929 1929 1939 1944 1944 1924 1927 1929 1948 19748 1974	08 11021 11028	18.20 118.40	118.48	18.47	18.32	10.08	11/48	17.01	106.36
									106.00
	48 100.00 100.12	105.02 105.40	100.4%	0.55	10001	100.04	06.78	100.23	106.40
26 06 41 1 106 12 106 12 106 42 106 46 106 10 10 10 10 106 10 106 10 106 10	41 100.02	01.12 (10.42	105.48	100.00	100 01	006.04	106.18	00.24	117.00
140.20 (40.20 (40.20 (10.41 (10.40 (10.00 (10.00 (10.00 (10.42 (10.00	100 100	10.20 110.01	178.49	10.00	1830	118.00	177:47	17.01	100.40
13031 [13027 [10:32]10:41 [10:46 [10:46 [10:25 [10:26]17:46]17:41]17	11. 1.18.27	(18.32) (0.4)		112.46	14#29		177.48		1177 (6)
			1.0			1		1	100.41
Potential wan febra (2011) 1201 1204 1205 1206 1201 1401 1202 1202 1206 1242 124	1 1.000 1.014	1275 1268		401	1.942	ine	1.346		1.548
Earl of indiana with Notes 2 2 8 8 0 8 2 9 8 8 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1			- T						

EGCO_Chaiyaphum_rav			2500-421 helysphu				3150 Innote	tora 73	4) 34 echnolog	y Ayatha	19,269 Nov 20 nyx for educational purpose
							Death	B	anis / 60 6/2.9.268	orresta	dor@hiteal.com
SHADOW - Calenda	r per	WTG									
NTG: 34 - GWI Wind GW	121/2	500 25	00 121	0101h	ub: 120	0 m (T	OT: 180	5m) (6	56)		
Assumptions for shado	w calc	ulation	s .								
The coloulable times are "worst. The sum is shiring all the day, The rotor plane is sterays para The WTG is always operating.	First but	reins to a	uneat								
January	Person	, 18a-17	(April	Ney	yine.	skiy	(August	-	lerGitvier	-	in Chamber
1 (00 A1	100.44	198.32	10610	19551	10042	18547	105.05	185	100.00	10511	100.25
2 (00.42)	115.12	108.22	100.05	11033	10042	112.49	118.40	1923	105.06	117.46	137.60
117.00	148.52	198.22	11827	11832	1842	11849	(18.45	14.77	110.04	112.45	117.42
510042 (17.00)	100.00	105.21	196.09	18.55	18.42	1849	105.57	(保留)	100.04	18.12	10028
4 00.42	100.48	1922	196.08	10549	105.42	100.48	105.57	後位	105.05	100.12	100.27
5 109.45	100.40	100.28	10407	(25.49	05.42	110.42	105.57	100.02	101.00	100.12	106.27
11757	10.14	10.23	1827	19832	12.43	11010	118.44	1925	10.01	117.44	117.42
147.87	110.14	16.23	110.08	118.55	1843	148.60	112.43	110.24	118.01	112.45	117.42
F (00.42)	1814	05.28	100.05	18548	105.40	105.49	10518	100.02	100.05	100.10	100.28
2 00.44	0.42	06.27	06.65	10040	05.43	155.49	115.52	供应	00.05	100.14	100.25
11100	10.15	198.23	1828	1834	1248	112.50	105.12	10日	17.58	117.40	117.48
171208	118.18	118.22	(18.28	1824	110.44	11850	11840	1 10 22	112.00	117.40	117.48
10 (08.44)	12.42	10028	106.03	195.47	00.43	186.50	(05.38	10.00	106-00	198.14	100.00
11 06.44	100.41	106.25	109.02	10546	108.48	10630	105.09	褐色	01.05	106.15	100-31
110.000	110.16	110.24	17828	18.25	118.42	112150	118.40	10.25	117.87	117.42	117.44
12 100.44	(例)和 (接列)	20523	100.02	11826	105.43	100.50	118.40	100.02	17.67	105.02	100.27
12 / 06-45	1.00.007	10.24	10001	105.48	0143	12.50	105.05	10.10	01.08	10.0	100 00
14 (0) 45	110.40	100.25	196.01	10545	05.41	10.51	105.28	0.00	00.00	178.16	100.25
10.00	118.17	100.22	19,29	18.36	128.48	112.49	13.35	10.0	117.50	112.40	117-65
110.00	118.18	18.24	11828	11836	12.46	11845	118.20	18.17	177.00	112.01	137.40
10,100,40	100.00	100.22	100.08	105.45	10148	110.45	105.00	100.00	105.06	100.17	105.38
17 (00.40	10.00	100.21	100.09	10548	00.44	190.52	109.00	100,008	06.07	100.18	1.00.04
110.04	122.10	1928	11825	10044	11849	10112	118.38	10.12	17.53	17.41	17.40
110.04	118.18	108.25	118.28	11837	1847	118.45	118.27	18.18	117.55	112.41	(17.47.
15 (00-40)	100.00	100.18	18357	105.44	00.48	186.62	105.00	100.00	100.07	12.01	106.05
29 100 48	106.37	100-18	146.62	105.44	105.44	01.53	100.00	1 98 55	06.07	100.19	106.38
118.05	142.19	198,25	(1830)	110.08	11847	11249	118.00	100.00	117.51	117.41	117.48
1.10.00	118.28	118.23	118.38	118.54	112.48	118.48	118.00	108.12	115.28	112.81	117.48
22 00 40	「例果」	108.17	100.06	10545	10545	105.62	106.00	100.00	100.00	100.20	01.27
10 1 06 46	100.00	18.17	105.58	05.43	00.48	199.04	105.01	100.00	06.00	180,21	106.37
24 06 45	1925	19828	118.36	118.43	112-48	11848	118.54	00.04	172.00	117.41	117-46
110.000	118.00	148.28	1839	18.09	10.48	11848	118.50	18.10	117.48	117.41	1-07-000
25 (90.45	100.34	100.15	17827	102.43	00.48	10054	106.01	10.04	100.00	100.22	100.36
2910045	100.24	100.14	100.53	105.45	105.46	10555	106.01	1.00.04	100.00	196.22	100.28
118-00 271 (90:46	1禄25	118,28	11831	18.40	18.49	1847	118.32	100	00.05	107.01	17.01
1 18.00	118.25	198.26	11831	118.40	12.49	11847	178.31	1.12-05	117.48	117.40	177.01
29 1 06 48	11821	105.12	18.31	15.45	155.46	125.58	106.05	100.04	17.47	100.23	100.40
25 00 45	1	106.52	10152	10043	01:48	18634	108.01	00.04	06.10	108.24	00.40
30 (00.64	£	11826	118.92	105.42	100.47	110.40	108.00	100.04	100.10	117.41	100.40
(1833)	1	11827	148.32	11841	10.00	118.45	11828	10.00	17.46	1.12.41	147.825
.81 (DE 44 192.11	1	198.17	1	(154)	1	15.40	106,62	1.	100.11		100.41
Potential autohoute 1 201	129	1254	1273	1 250	ine .	1422	1.7962	ior .	1 268	(MI	1340
Burn inf minutes with fibres . It						F . 1		0.0	1. I		
lattis layout. For such day in suc	A HOORS	the toke	wing mid	a visit							
Day is much Sun rate Driver Sun and Orknow		nt love (h					n bowerho				

GCO_Chalyaphum_rev		ova 1211 Subyai, O					27/5/ banel	2014 7 3	4/25 scheeling	y Ayeth	19,269 Not kya for educational p
							(Déaleté	H	writu'i bio 6/2 8,258		tu (frainsi an
SHADOW - Calendar	r per	WTG						0.000			
VTG: 35 - GWI Wind GW	121/2	2500 25	00 121	0.101h	ub: 120	0 m (T	OT: 180	(5 m) (8	39)		
assumptions for shador to cato/ated times an 'word	case' g	ion by th	e followir	g ann an	itora.						
The sun is shiring all the day, The rotor plane is always perp The WTCI is always operating				te WTG	10.774 76.7						
ilevery	ferra	-	-	-	ikee.	-	August	Andres	-	(1.ver.)	a finania
11.00.41	100.00	105.22	10010	100.01	101.42	180.47	10526	106.52	100.04	106.11	10628
2106.42	12.12	1922	18.37	118.00	118.42	18.48	100.04	11828	100.04	117.48	109.28
110.00	18.12	116.22	119.27	118.32	118.42	18.49	11845	11827	1884	117.45	11P.42
3100.42	16.13	100 31	18.08	110.00	18.42	10.40	10557	186.62	100.04	1981年	100.26
4 (0) 42	100.40	100.30	192.08	10.49	105.42	10.45	105.67	186.62	105.85	17.44	100.37
1. 00.43	10140	00.29	05.07	105.49	126:42	10.40	105.57	206.62	00.05	100.12	106.37
0 (00 AU	10.10	1923	19.27	110.40	100.42	10.50	105.67	1825	100.00	117.44	117.42
117.53	118.14	110.28	18.28	110.22	148.43	10.00	1243	118.24	118.01	117.44	177.42
P10643 11758	1 (M) - 44 1 (k) 14	106.28	18.28	100.48	100.42	10.49	105.58	1823	118.00	106.12	117.45
8 100.44	18.42	100.27	19.28	12.40	12.43	10.45	0538	206.02	17.08	1743	108.09
10 (DE A4	185.42	1.00.27	100.04	100.47	100.43	105.49	105.58	106.02	106.68	100.04	100.00
10,00,44	112.15	118.22	1928	110.04	100.43	19.50	100.68	11822	117.08	100.14	117.42
1 10 00	118.18	118.24	148.28	110.00	118.40	110.00	11841	11821	117.58	117.42	117.44
11 00.44	102.41	106.25	供加	10.4	105.43	18:50	100.68	100.53	105.00	100.15	100.21
12:00:44	100.41	196.25	供助	10.41	105.43	10.00	105.09	19988	100.00	109.10	106.31
15.01	10.15	118.24	1228	115.25	118.45	19:50	168.48	11819	117.57	117.42	117.44
15.01	18.17	110.24	19.29	19.8	18.48	19:50	1245	11818	17.58	17.42	117.40
110.00	128.40	118:04	118.28	118.36	100.43	10.51	18.29	11818	177.88	117.81	117.45
18.00.48	101.20	100.22	04,00	10.40	101.42	100.01	05.58	10005	08.06	100.07	106.30
18 00:40	100.00	100.22	100.08	100.40	110.44	100.52	100.29	100.05	105.00	19617	106.04
100.00	12.12	198.25	118.29	19536	112.44	19.45	118.50	11816	117.54	112.41	217-46
1 12.04	110.10	118:20	18.29	112.37	12.47	112.49	118.32	11010	TPER	117.41	117.40
18 05 48	101.20	100.20	100.04	102.44	100.44	10.52	108.00	100.03	1753	06.18	108.30
TH 00.46.	10.25	100.10	10.57	100.44	100.44	10.62	0100	100.00	1782	17.41	100.00
20100-40	106.37	100.18	106.57	110.44	100.44	100.62	104.00	106.65	106.07	100.18	108.38
1 15 06 21 1 06 46	110.10	110.18	18.00	110.00	158.47	10.49	100.00	21818	117.57	117.41	117.48
112.06	118,28	118.20	118.30	110.08	18.42	10.48	118.35	11812	117.82	117.41	117.40
32 00.40	100.00	100.17	10.00	110.44	100.40	10.55	100.00	10000	101.08	100.20	206.07
23100.40	18.30	100.57	1.00.03.	118.42	100.40	100.54	100.01	100.05	00.00	196.21	106.37
24.00 AL	14.20	1953年 1963年	18.00	19.8	110.48	112.48	04.01	100.04	1758	117.41	117.49
10.08	10.20	100.10	18.01	10.00	118.42	10.48	14833	100.04	17.48	17.41	11702
118.00	11221	118.28	19.01	110.00	112.48.	10.48	112.20	118.09	177.48	17.41	117.00
29 00-40	100.04	100.14	105.52	100.40	110.46	10.55	10000	206.04	100.05	106.22	100.20
2710645	199-33	100.14	06.52	110.43	100.46	100.00	04.01	100.04	105.05	146.28	100.00
211 06 40	118.21	1100.12	110.20	118.40	110.49	112.47	10001	1200.04	117.48	112.41	117.00
1.10.10	1821	118-26	18.21	12.45	12.46	12.47	18.95	11007	17.47	17.01	117.00
2510648	1	100.12	10.12	110.40	120.48	10.55	1830	18:00	106.10	17.91	106.40
30 0K.44	1	100.11	1.001.034	110.40	110.47	105.04	14829	100.04	06.15	106.25	100.40
		100.11	1	105.42	L'IN MA	105.54	106.00	1	105.11	i com	100.41
BT 1 06 44		118.07		110.01		110.44	11028	1	117.46	1	117.63
III 1 06 44 1 18 11 Potential sur Yours 1 201	ine .	274	in a	1.000	1001	402	362	1.567	346	1.040	1.548

EGCO_Chaiyaphum_rav			2500 42 l helyspho				3150 Innote	tora 73	a) 35 ectoration	y Ayatha	19,269 Nov 20 nya hereolusational purpos
							Death	B	anits / 64a 6/2 9 200	onnute	der@hiteal.com
SHADOW - Calendar	r per	WTG	_								
NTG: 36 - GWI Wind GW	121/2	500 25	00 121	0 10 h	ub: 120	0 m (T)	OT: 180	5m) (7	70)		
Assumptions for shado	w calc	ulation	15								
The coloulable times are "word. The sum is shiring all the day, The story place is always parp The WTO is always operating	First But	rins to a	uneat	-							
identity	Petroat	, March	(April	Ne	yine.	skip	Hopel	-	laplicitudar	-	in Chamber
1 (00 Åt	100 AL	188.32	100.10	100.01	10142	100.47	105.06	100	100.00	100.11	100.20
2 (00.42	00.44	100.01	100.01	10540	00.42	100.47	100.00	100.00	105.06	100.00	1 00 28
1 17 88-	198.52	198.22	11827	11832	1842	11849	(18.45	14.77	110.04	112.46	1.177.48
3 1 00 42 17 00	100.00	100.21	196.08	1835	18.42	1849	118.45	(保留)	100.04	部位	100.28
4 100.42	100.48	199.20	196.08	10249	105.42	10548	105.57	192	106.00	100.12	108.27
5 106.40	100.40	100.28	1.06.07	125.49	05.42	105.42	105.57	100.00	105.05	100.12	106.20
117.00	10.12	198.28	1827	118.32	10.43	110140	118.84	1925	100-00	117.44	101.20
147.87	118.14	148.23	(19.28	193.33	118.43	148.60	112.43	110.24	118.01	112.43	117.40
F (00.40) 17.10	100.40	195.28	100.65	18548	105.42	125.49	105180	100.02	100.00	100.10	100.28
2 00.44	05.42	06.27	06.05	10040	05.42	155.49	105.58	供应	00.05	10014	100.29
017.08	(10.15.	118.23	118.08	1224	125.43	112.50	118-42	102	105.00	117.40	117.40
117.00	118.18	108.22	110.20	1824	10044	11850	118-67	102.22	112.00	117.40	117.48
10 100.44	12.42	148.24	106.03	(1836)	00.43	18650	112.40	(0.0)	106-00	198.14	100.00
11 00.44	10041	106.25	1.04:02	10546	108.48	10630	105.58	褐色	00.00	106.15	100:31
12:00:44	後後	10234	118.35	15.45	105.43	112.50	118.40	190.02	127.57	107.02	00.22
1 48 94	18.76	118.24	11828	118.95	18.45	11850	118.48	18.19	117.00	117.42	112.44
12 06 45	100.40	10.24	10001	10548	0143	10001	118.40	10.10	12.00	価格	100.00
14100.45	100.40	00.25	196.61	10545	105.43	10.51	105.29	0.00	00.00	198.16	100.35.
15 00 45	18:17	100.22	1929	15.36	05.43	112.49	13.3F	00.00	06.00	117.41	117.40
100.00	518.12	108.24	11828	118.36	12.46	11845	118.25	18.15	11734	112.81	132.40
10106-00	196.38	198.22	100.08	10.45	1848	110.01	100.00	100.00	105.06	112.41	100.38
17 (00.40	175.20	100.23	100.09	05.48	00.44	195.52	1.01.00	06,08	01.07	100.10	00.04
110.04	1218	19828	11825	11007	11847	(13.49	118.38	10.12	117.58	17.41	117.48
110.04	18.18	108.28	118.28	11837	1847	11849	118.37	18.18	117.52	112.41	(17.47.
15 (00-40)	100.00	1828	185.57	105.44	18.47	125.49	105.00	(例如)	106.07	12.01	106.06
29 (00 46	106.37	100-18	145.07	105.44	10544	196.53	100.00	1 98 55	00.07	10.4	106.28
2110046	112.19	116.25	21830	110.08	158.44	11249	118.00	100.00	106.06	199.20	(100.36)
178,00	100.000	198.23	19.30	18.56	12.48	1249	18.00	100.00	117.31	112.21	117.48
1 18 19	18.20	148.23	(1830	110.04	132.48	11848	118.00	188.01	117.80	110.41	137.48
1010646	100.00	100.10	19558	105.43	10048	1848	100.00	100.00	106.00	180.21	106.27
24 (06:46	196.25	105.15	19554	105.43	10148	195.84	100.05	04,05	00.00	180.21	00.38
110-07	148.00	148.28	1829	110.00	10.48	11548	118.30	10.10	117.40	10.00	1-07-40
118.100	10.21	118.28	17827	18.29	12.42	11040	118.88	10.06	17.49	117.81	17.00
29 100-45	100.34	100.14	100.03	105.42	105.46	10554	118.32	10.04	100.00	19622	00.26
27 100 46	南部	100.14	140.03	105.43	01.44	195.58	106.01	100.04	00.05	100.28	00.285
118.00	112.25	198,28	195.52	112.40	12.49	11847	178.27	100.04	05.10	10.0	117.01
115-10	18.21	18.08	1839	118.40	12.48	11847	118.00	10.07	17.47	1.12.81	117.00
29 00 45	1	186.12	189.92	10.42	12.48	10.10	118.00	00.04	0K.10 1F.4P	1524	100.40
30 100 94	1	208,111	10001	105.42	100.47	100.00	108.04	1 196 04	3100.10	100.25	1.00.40
100.31		11827	14832	118.41	118.46	118.46	11828	1.9.00	107.46	117.41	117.02
110.11	1	11827	1.	11841	1	116.40	110.28	1.	117.46	1	1-07-08
Potential purchases (201 Burn of principal with States #	129	1344	1243	1998	1000	142	1962	1997	1268	(M2	1545
Little loyout. For each day in set	1.1.1		Sec. 1.		2.000	0.011.01			C. 0.1		
	15 11										

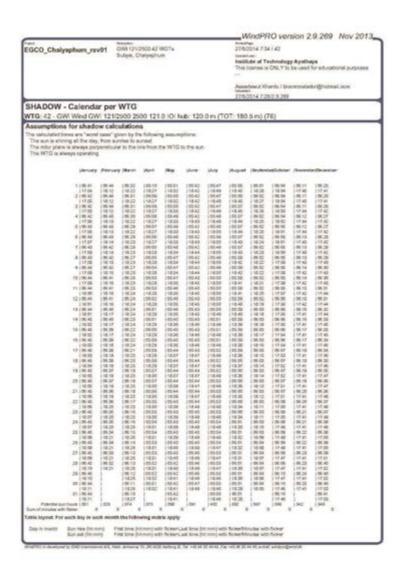
1 FAB 1 FAB <th< th=""><th colspan="7">2014/2014 7:34 / 37 Interview Institute of Technology Apotheys This litenese is CPU,Y to be used for educational purpo</th><th colspan="7">Subyai, Chaiyaphum</th></th<>	2014/2014 7:34 / 37 Interview Institute of Technology Apotheys This litenese is CPU,Y to be used for educational purpo							Subyai, Chaiyaphum						
NTIG: 37 - GWI Wind GWI 12102900 2500 1210 010 hub: 1200 m (TOT: 180.5 m) (71) Assumptions for shadow calculation: The durated forms an 'ward area 'given ty the following assuration: The durated forms an 'ward area 'given ty the following assuration: The durated forms an 'ward area 'given ty the following assuration: The durated forms any 'ward area 'given ty the following assuration: The durated forms any 'ward area 'given ty the following assuration: The durated forms any 'ward area 'given ty the following assuration: The durated forms any 'ward area 'given ty the following assuration: The durated form any format 'given ty the 'given' ward in the following assuration: The durated form any format 'given' following assuration: The durated format 'given' following assurated 'given' following assurated 'given' following assur	(frainsi aat	atur	otoruta			Desires								
Assumptions for shadow calculation: The ark shadow calculation: The ark shadow calculation: The set is about the shadow calculation: Image: shadow calculatin: Image: shadow calculatin:											NTG	r per l	- Calenda	
The under a large system of graves the for the formula manufactors: The under a large system of the sky, we want is a same system. The WTG is a large system of under the first two from the WTG is a large system of under		_		71)	5 m) (7	T: 180	0 m (TC	Ar: 120	0.10i hi	00 121	500 25	121/2	WI Wind GV	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$							ę			followin mail	rine toy the	cases' giv from sur	ines are "word ring of the day e is stways per	
1 1	December		-	-	Andres	August	iky.	ikee .	(May	iApri	-	ferrary	ileury	
2 0.6.2 0.8.4 0.8.7 0.8.7 0.8.7 0.8.7 0.8.8 0.8.8 0.8.6 0.8.6 0.8.6 0.8.6 0.8.7 <th0.7< th=""> <th0.7< th=""> <th0.7< th=""></th0.7<></th0.7<></th0.7<>	0125							101.42	100.01					
1 1	17.41	1	117.48	100.04	1828	100 54	110.49	118.42	118.00	118.37	1922	12.12	2 06 47	
(*) (*) (*)	17.45	- I	117.45	18.94	1827	11845	12.49	118.42	118.02	1927	114.22	118.52	110.00	
1 1	17.42	1	17.44	148.00	18.26	1245	112.40	18.42	110.33	18.27	118.22	16.13	1.17.000	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	64.3F 17.42							105.42						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	00.25	1	100.12	00.05	20.00	101.17	105.40	170:42	105.49	06.07	06.29	100.40	1 00.42	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	17.42.		146.10	105.02	00.02	105.57	10.48	100.42	10.48	00.06	00.25	100.43	0.00.40	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	17.42	e i	112.48			1243	10.55	24.43		18.2P	110.20		1 12 52	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	17-45	. 1	17.48	18.00	18.23	18.45	18.56	12.44	110.34	18.28	118.28	110.14	117.58	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	08.29		17.42											
$ \left[\begin{array}{cccccccccccccccccccccccccccccccccccc$	68.00	2.5	106.14	DOM: NO	66.52	105.58	105.49	100.43	185.47	100.04	1.00.27	101.42	10 (0) Ali	
11 00.44 00.45 00.00 00	17.42	1	100.14	06.01	-06/62	105.58	100.00	100.43	10.47	100.01	100.20	118.41	10106-44	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	17.43	1	11142	11158	1821	11845	148.60	118.40	119-30	148.28	148.25	118.18	117.08	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	37.44	Εi	117.42	1757	18.20	13841	18:50	118.40	118.85	10.28	118.24	1.10.10	12.00	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	19.12 17.44													
$ \left[\begin{array}{cccccccccccccccccccccccccccccccccccc$	00.52	1.1	100.10	106.06	06.62	00.08	05.51	100.43	100-40	00.01	100:24	18.40	1.0 05.40	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	17.45					100309	1930	100.43				198.47		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	17.45	0.1	117.81	117.88.	1018	12.29	112.49	112.45	118.36	118.28	118:04	110.17	118.00	
10 04.00 05	17.40	1.3	117.41	1754	TATE.	11839	112.49	10.48	118.30	18.28	11826	10.10	18.00	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	06.34 17.46							190.43						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	00.54	1	30.10	106.57	00.05	108.08	105.52	100.44	105-48	101.08	100.25	100.00	17100:40	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	17.40													
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	17.47	0.1	17.41	117.52	1315	1837	112.46	118.67	118.07	118,28	118-28	110.10	118.06	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	08.00 17.47	1.1	12.41	11782	1814	1826	10.45	110.47	118.37	18.30	「味酒」	118.19	118.08	
10 65 70 65 70 65 70 <th70< th=""> 70 70 70<!--</td--><td>08.36</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th70<>	08.36													
10 06.00 07	08.36	6.3	96.29	06.09	06.05	105.08	10.53	100.44	100.44	05:05	100.18	126.00	21 105.45	
(9.0.0) 18.2.9 (9.2.9) 18.2.9 (9.2.9) (9.4.9)	17.40													
9.67 12.38 12.38 12.39 12.38 12.39 12.38 12.39 12.38 12.39 12.38 <th1< td=""><td>17.40</td><td>1</td><td>13.8.81</td><td>117.00</td><td>1011</td><td>1836</td><td>10.48</td><td>18.48</td><td>10.36</td><td>18.20</td><td>118-28</td><td>14.20</td><td>110.00</td></th1<>	17.40	1	13.8.81	117.00	1011	1836	10.48	18.48	10.36	18.20	118-28	14.20	110.00	
14 06.40 06.30 06.34 06.34 06.34 06.34 06.34 06.36 06.37 06	06.3F 17.49	1.1	117.41	117.08	1811		118.48	110.48	118.00		158.25		1.18.07	
10 00.44 00.54 00.55 00.54 00.54 00.54 00.55 00.54 00.55 00.54 00.55 00.54 00.55 00.54 00.55 00.54 00.55 00.54 00.55 00	01.38	1.1	196.21	106.88	06.03	04.01	10.54	135.42	105.43	185.54	106.16	100.000	24 06 AL	
28 00-46 126 24 00-14 125 28 126 42 126 45 126 54 126 25 126 26 126 27 12 126 26 126 27 126 26 126 27 126 26 126 26 126 27 126 126 126 126 126 126 126 126 126 126	06.38	- 1	109.22	01/08	00.04	01.01	00.54	105.45	105.43	100.04	06:15	105.54	20 00.40	
108/06 1021 1020 1020 10800 10840 10847 1022 1080 11948 11941	1730.04							110.40						
	37.02	- 1	17.01	11/48	18-18	188.30	18.47	110.49	118.40	18.20	178.28	18.21	1 (8:08	
	17.01													
2010646 19622 10612 10522 10548 10549 10520 10521 10524 10529 10523	01.40	1.1	100.23	06.18	205:04	10021	10.55	100.48	105.43	100.02	100.13	100.00	221 06.48	
26(064) 100.02 00.02 00.42 00.48 00.00 00.01 00.04 100.05 00.24 00	06.40	1.1	00.24	106.18	106.04	10.001	100.00	105.48	(10.42)	01.02	00.12	100	25 06 41	
	17.52											1		
130/1 1927 1922 1924 1924 1924 1924 1926 1926 1926 1926 1926 1926	17.84	1.3		177.48		14829	112.46		110.41		18.27	1	138.01	
	12.63		1					1		100		1		
Potentian such tours (201 1 201 1 201 1 201 1 201 1 201 1 201 1 201 1 201 1 201 1 200 1 2	348	1	1940	346			1402							
Lucified uses with follow 2 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5					00.0				1.1.1.1	1110				

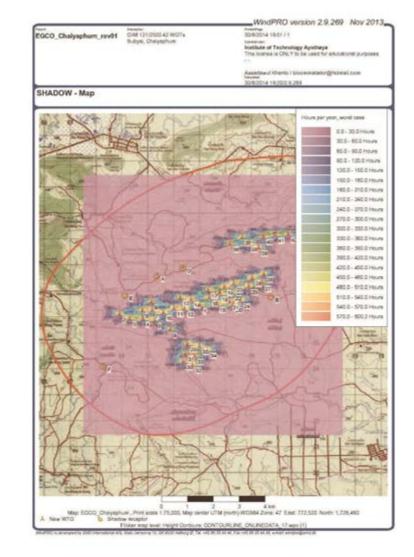
EGCO_Chalyaphum_rav			2500-421 helysphu				3150 Innote	tora 73	AC 138	y Ayatha	9,269 Nov 20 na hr educational purpose
							Death	B	anits / 64x	ormuta	tor@hiteai.com
SHADOW - Calenda	r per	WTG									
NTG: 38 - GWI Wind GW	121/2	500 25	00 121	0101h	ub: 120	0 m (T	OT: 180	5 m) (72)		
Assumptions for shado											
The coloulated times are "word. The sum is shiring all the day, The rotor plane is stiways part The WTG is always operating.	First But	reins to a	unaut								
(Among	Petroat	y 78a-yr.	(April	Ney	yine.	skiy	(August	-	erGiteler	-	a Georgian
1 100 41	100.44	186.32	106.10	100.01	10142	100.47	105.06	100	100.00	100.11	100.20
210642	100.44	100.01	100.05	10540	00.42	100.47	100.00	100	105.06	100.00	100.20
117.00	198.44	19.22	11827	11832	1842	118.49	(18.45	942	110.04	117.45	117.41
17.00	计操作器	148.02	19,27	1835	18.42	1849	118.40	148.24	1.18-02	117.04	117.45
4 100.42	106-48	198,310	196.08	100.49	105.42	10548-	105.57	後位	105.05	10612	106.27
5 100.43	100.40	100.29	10407	(25.49	05.42	105.42	105.57	100.02	10.01	100.12	106.27
5.106.40	100.40	198.28	1827	11832	10.43	10140	105.07	192	00.00	100.43	00.28
1 17 87	110.14	148.23	(18,27	113.32	1843	11850	112.43	10.24	112.01	12.45	117.42
117.00	18.16	198.28	1828	18.94	12.44	118.50	118-48	10.28	110.00	1.17.45	117.46
8 00.44	0.40	18.27	100.05	10247	1844	1218	118-42	保留	17.00	100.14	100.255
D (00:04)	136.40	106.27	136.64	285.4F	05.4.8	105.49	105.18	100.02	106.00	108.14	1991.202
117.05	110.15	198,22	100.03	11824	120.44	11850	11842	0.02	117.08	117.42	117.42
1.177.000	12.48	198.28	(18,28	(1836	18.45	11850	11240	148.21	1 12 58	17,42	147.45
11 06.44	100.47	100.25	100.02	15546	100.48	18638	105.58	192	100.00	10615	100.31
12 100.44	例和	205.28	106.02	155.45	105.43	10550	105.19	1.00.02	100.00	10635	06.21
112-01-40	18.16	11824	110,01	11835	15245	11850	11240	10.10	117.56	17.42	117.44
1.168-01	118.17	10.24	1829	118.95	11848	118.90	118.40	12.12	17.56	117.42	100 EE 177-46
14 100.45	100.40	10025	196.01	105.45	105.48	11249	105.39	0.00	100.00	192.00	100.35
15 06.45	10128	06.22	00.00	05.43	0543	10000	05.89	100,000	05.00	106.17	08.22
10.00	1817	198.24	11828	11836	1246	110.01	118.20	1817	11734	112.81	117.40
119-09	118.18	118.28	1829	118,96	18.48	118-49	118.38	158.16	117.54	112.41	117.46
17 190.40	100.00	100.21	11829	10548	11847	190.52	108.00	10.08	17.58	117.41	1.00.04
12 00:40	06.38	100.20	195.08	10044	00.44	10182	106.00	06.63	1 06.0P	100.12	08.35
15 (00.40)	10.00	10725	10107	105.44	13.47	118.49	118.37	00.00	06.07	12.4	106.05
110.00	12.15	1828	1830	11837	1847	12.49	118.36	110.14	06.07	12.01	177.47
1 18 06	112.16	116.25	21838	110.08	11847	11849	118.00	1 100 100	117.58	117.41	137.47
21 100 45	100.00	100.12	10558	10544	105.44	11848	106.00	100.00	106.08	100.20	100.36
.22 (00.40	101.04	100.1.7	100.04	105.42	10045	105.62	106.00	1 (8, 61	100.00	108.20	06.27
118.06	118,27	108.23	11830	110.04	132.48	11848	118.30	100.01	117,80	10.41	117.48
110.07	118.00	116.26	11836	118.39	1848	118.48	118.54	1.58.55	17.00	112.41	1.1.2 48
24 (06:46)	148.00	148.28	19554	185.43	105.45	195.54	198.95	100.05	108:00	1021	100.38
25 1 00.45	0134	00.15	0554	105.43	00.48	10034	106.01	00.04	101.00	100.22	106.38
112.100 216 1 00 - 45	100.21	100.14	11821	100.40	12.48	11040	118.88	10.04	00.00	196.22	00.28
118.00	18.25	118.26	118-01	118.00	110.00	1547	118.32	110.00	117-48	112.40	117.00
27 196-46	(後部)	100.13	146.63	100.43	12.49	195.58	106.51	100	00.00	100.00	100.38
28 06 40	(第二位)	05.12	05.62	1543	155.46	125.58	106.01	01.04	01.10	198,23	100.40
25 00 45	1	06.52	1831	10042	01:48	18634	105.01	00.04	17.45	108.24	08.40
118,100	£	118,21	1892	118.41	12:48	12.40	118.00	10.04	117.42	117.01	1.19.40
(1833)	î	11827	118.32	118.41	1846	118.45	11828	100	117.46	124	117.825
21 - DE 44 1 10-11	1	198.17	1	11841	1	185.04	106.01	1	100.10	1	100.41
Potential autohoute 1 201	129	1254	1273	1 250	ine .	1422	1.7902	ine	1268	in:	1340
Burn information with Kinker						F 1		6.0			
attis layout. For each day in sec	A month	the loate	wing mid	LR VEBA							
Day in words	-	of loca D	Arrent and	a farmeric	of long in	a mania wat		-	ALC: NO		

GCO_Chalyaphum_re	v01	GVM 1211 Subyei, G					27/5/ barren bartet	2014 7 3	4/36 scheelug	y Ayeth	19,269 No
							(Déaleté	H	writu'i bio 6/2.8.288		ter@iscinai.au
HADOW - Calenda	r per	WTG						0.5000	12.5.1		
TG: 39 - GWI Wind GV	Vi 121/	2500 25	00 121	0.10 h	ub: 120	0 m (T	OT: 180	(5 m) (73)		
assumptions for shade to calculated times are "work The sun is abeing all the day The rolor ptene is always per The WTG is always operators	t caes' q , how a pendicul	piron by th Arrian To A	e followir unwit								
ilenary	Ferse	-	(April	-	ikee .	jky.	Argent	(instead	infiction	(howen)	a finaniar
1 (00.41	100.04	100.00	10010	186.01	100.42	185.47	10556	100.02	105.04	106.11	100:20
117.56	112.12	118.20	18.27	118.00	118.42	18.48	100.04	11828	100.04	117.48	106.36
117.00	158.52	158.22	119.27	116.32	110.42	12.49	11845	11827	118.04	117.45	117.45
1.47.000	16.13	118.22	18.27	110.33	18.42	18.49	12.45	118.24	12.53	17.44	117.42
4 (05 4)	100.40	100.00	118.08	105.46	105.42	10.45	185.57	196.62	105.04	1265	100.37
5 00 42	1.00.40	00.29	05.07	105.49	100.43	10.40	105.57	200.02	100.06	100.12	106.37
0100.42	1213	100.25	19.27	100.00	100.42	10.10	109.67	11825	100.00	146.10	109.28
117.57	110.14	110.28	18.27	118.20	14.43	10.55	10558	118.24	118.01	117.48	117.42
117.58	110.14	118.22	18.28	110-34	112.44	18.56	18.43	118.73	18.00	12.43	117.48
R 100.44	1842	100.27	19.05	110.47	120.42	10.45	1842	206.02	100.05	11142	108.09
8 00.44 (7.00)	181.42	1.00.27	100.04	100.47	110.42	105.49	110.58	106.02	100.00	105.14	100.00
10106-44	112.15	118.22	10/28	10234	(10.44	19.50	105.68	11822	17.58	100.14	117.42
117 08	110.10	148.25	10.28	1931	118.40	14.50	11845	11821	117.08	117.42	117.42
112.00	1.10.10	118.24	10.28	118.00	118.40	18:50	13841	118.20	177.5.5	117.42	117.48
1210048	199.40	190.24	供留	10.4	105.43	12.50	10509	100.02	17.05	109,10	106.31
1.0 05.40	12.40	100.24	00.01	100-40	100.43	105.50	0000	106.62	10000	100.10	100.82
14.00.40	198.17	110.24	18.29	110.00	100.43	192.55	11240	11010	117.58	117.42	117.44
110.0040	112.17	100.04	18.28	123	12.45	10.49	1839	11018	117.55	17.81	112.45
1 18:02	1 10.17	11824	18.28	118.30	10.48	112.49	11839	ITATE.	1754	11.5.41	517.40
18 00 40	110.30	100.20	1.00.08	192	110.43	100.01	118.58	100.05	117.54	112.41	217-46
17100:48	100.00	(00.21	101.08	105.44	100.44	10.52	108.08	100.03	106.07	30.18	108.54
10.05	118.18	106.20	118.29	102.37	122.47	110.49	118.32	100.03	117.53	117.41	117.40
118.06	110.10	1928	14.25	10.07	118.47	144	18.57	1315	1733	17.81	117.47
118.08	112.10	138.25	12.30	118.37	110.47	10.45	1836	11814	1178.82	117.41	117.47
30100.40	106.37	100.19	101.57	18.44	100.44	100.60	10470	106.05	106.07	100.18	109.36
21 1 06.46	126.00	100.18	05:06	105.44	100.44	10.53	106.08	106.05	106/09	196.29	100.36
10.00	110.19	118.20	18.30	1238	112.42	10.48	105.00	1812	100.00	117.41	117.40
1.00	110.20	118-28	18.20	10.36	18.42	10.48	118.54	11011	11080	117.81	317.40
23 90.40 58.07	116.20	19.55	101.53	100.42	110.40	10.54	100.00	206.65	106-08	196.21	106.37
24 06 M	192.30	100.16	14.01	00.40	186.42	10.54	10035	106.03	106.08	196.21	101.30
20 00.40	105.54	100.10	10.54	100.43	105.45	00.54	05.01	100.04	01.08	09.22	106.38
/ 18.08 29.1 00-46	110.04	100.14	18.01	110.00	110.45	10.48	10601	110.09	17.48.	117.41	11738
1 68:08	18.21	18.28	18.20	118.40	110.45	18.47	188.30	10.00	117.48	17.01	117.00
1 15 00	110.23	190.43	106.52	18.43	100.40	100.55	1881	100.04	117.48	117.41	100.00
221 06.48	198.00	100.13	105.52	10.40	100.4%	0.55	10001	100.04	06.09	199.23	117.00
25 05.40	1.00	106.12	05.62	(10.42)	125.48	100.00	100.01	006.04	106.18	00.24	106.40
30100.44	1	100.00	10.00	118.41	112.45	10.00	1830	100.04	106.18	1741	117.52
138.71	1	1 18 26	118.32	110.41	18.49	112.46	14829	1005	177.48	117.41	157 84
BT 1 00 4A	£	100-10	100	105.42	1.0	105.56	11828	1	105.15	1	100.41
Potential sur fours 1 201	148	1.054	1015	1.000	1001	402	1342	jour.	1346	1940	1.548
Lan of malutes with Noter 1									1 1		8 . E
this laynat. For each day in ea											
lay in month . Bun have (hrt m Bun and (hrt m		instance (h						rides with			

EGCO_Chalyaphum_rav			2500-421 helysphu				3150 Innote	tora 73	() 40 Inchinalog	y Ayatha	19,269 Nov 20 nyx for educational purpose
							Death	B	anits / 64x	ormute	der@hiteal.com
SHADOW - Calendar	r per	WTG						100019			
NTG: 40 - GWI Wind GW	121/2	500 25	00 121	0101h	ub: 120	0 m (T	OT: 180	5m) (7	74)		
Assumptions for shadow	w calc	ulation	18								
The coloulated times are "word". The sum is shirring all the day, The rotor plane is stways parp The WTG is sheeps operating.	Fore au	visa lis a	uneat								
(Jenuey	Ferrar	Harr	(April	Ney	plane.	skey	itupat	-	erGitelar	-	in the sector
	100.44	180.32	10610	19551	10042	18547	105.05	-	100.00	10611	100.25
	100.44	198.22	100.01	110032	10042	112.49	118.40	1923	105.06	147.46	137.60
1 17 100	148.12	198-22	11827	11832	1842	118.49	(18.45	14.77	110.04	117.46	1.17.48
3100.42	18.0	106.21	196.08	1835	18.42	18.47	118.45	(保留)	100.04	186.12	100.20
4 /00/42	100.40	1922	196.08	10549	105.42	10548	105.57	後位	105.04	100.12	100.27
5 100.43	100.40	100.29	10407	(25.49	05.42	110.42	105.57	100.02	101.05	100.12	106.27
11710	10.12	1922	1827	118.32	12.43	11010	118.00	1925	18.01	117.44	117.42
147.87	110.14	16.23	(18,27	193.33	118.43	148.60	112.43	110.24	118.01	112.45	117.42
F (00.42)	18.42	05.28	108.05	18548	105.42	125.49	105180	100.02	100.05	117.45	100.28
2 00.44	05.42	06.27	06.05	100.47	101.42	155.49	115.52	供应	00.05	100.13	100.25
117.00	10.15	1828	110.00	1834	1844	112.50	105.12	10日	10100	117.40	117.48
112.00	110.18	10.22	(1828	1824	110.44	11850	11840	1 10 22	110.00	117.42	117.42
10 (00.44	12.41	100.28	106.03	11836	18.43	18650	105.38	100.00	106-00	100.04	106.00
17 08.44	100.41	105.25	0100	10546	108.48	10630	105.58	褐色	00.08	1-06-15	100-31
1 12:00	110.16	110.24	119.25	10.25	105.43	112.50	118.40	192	11258	100.10	06.27
12100.44	調用	20524	11828	11898	18:45	11650	118.48	18.19	100.00	12.42	117.44
12 06-45	100.40	10.24	1828	10548	0143	12.50	105.05	10.02	100.00	価格	100.82
14 (0) 45	100.48	100.25	196.61	10545	05.41	176.51	105.28	08.00	00.00	178.16	100.38
10 100 40	18:17	100.22	1929	118,345	112.48	112.49	13.35	100.00	05.00	112.40	117.40
110-00	18.12	18.24	11828	11836	12.46	11845	118.20	18.17	11734	112.01	137.40
10,100,40	196.38	198.22	100.08	10545	105.43	110.01	100.00	100.00	105.06	110.17	100.28
17 (196.40)	176.25	100.21	100.09	05.44	00.44	190.52	100.09	100,008	01.07	100.13	1.00.04
12 00 40	11213	19828	11825	10044	17847	118.49	118.00	10.12	117.58	12.41	117-48
110.04	118.18	108.25	118.28	11837	1847	118.45	118.27	18.18	117.52	112.41	(17.47.
19 (00-40	100.37	100.18	185.57	105.44	00.48	186.62	105.00	100.00	106.07	100.16	106.05
29 100 48	106.37	100-18	146.62	105.44	10544	01.53	100.00	1 96 125	00.07	100.09	106.28
21100.45	112.19	116.25	21830	110.08	105.44	11249	118.36	100.00	106.06	110.20	100.26
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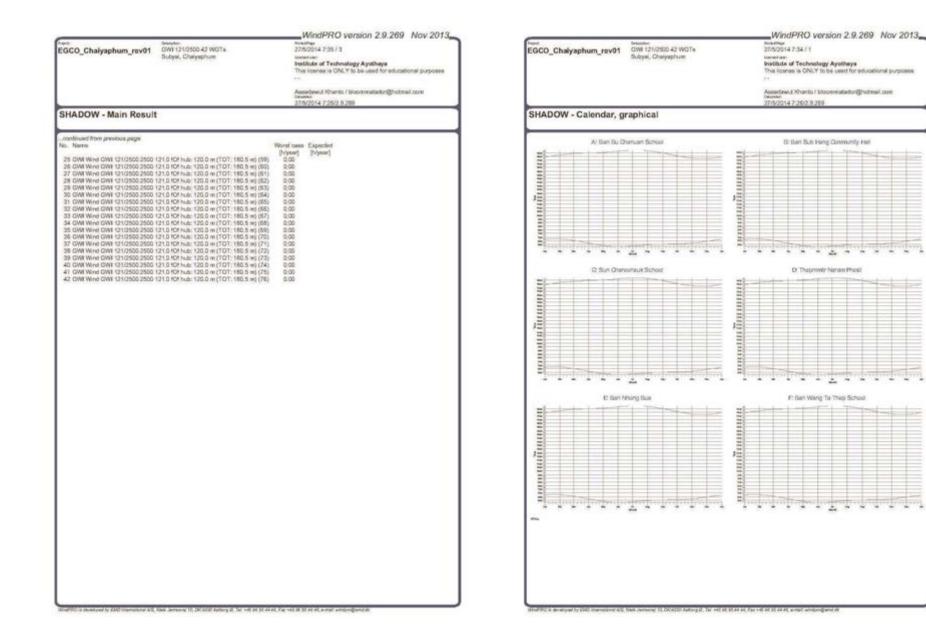


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Social Due Diligence Report

I. INTRODUCTION

A. Project Description

1. CWF is developing a wind power project under a 90 MW SPP PPA in Subyai subdistrict, Subyai district, Chaiyaphum province which is scheduled to reach COD on 1st December 2016. The Project will install 32 WTG's manufactured by Goldwind a leading Chinese WTG manufacturer, with rated capacity of 2.53 MW each and total rated capacity of 80.96 MW to generate electricity for a total contracted capacity of 90 MW.³ The selected WTG model uses direct drive technology which does not require gearbox and was granted the Design Approval certification by Chino General Certification Centre (CGC) in Beijing.

B. Methodology

2. This report was based on the following: project documents reviewed, on-site observation (during due diligence last October 2-3, 2014) and interview with a land owner/farmer, EGCO technical staff and Greener consultant engaged by EGCO to prepare the IEE Report.

II. FINDINGS OF THE SOCIAL DUE DILIGENCE

A. Land Acquisition and Involuntary Resettlement

3. The Project will be located in Subyai sub-district, Subyai district, Chaiyaphum province where 32 wind turbine generators (WTGs) will be installed. The project has a total land requirement 7.35 hectare (45.93 rais) and 6.88 hectare (43 rais) during construction and operation respectively.⁴ The proposed project site is owned by the Agricultural Land Reform Office (ALRO) and the project will not displace any individual or household.

4. Chaiyaphum Wind Farm Company Limited (CWF) entered into a long-term lease agreement with the ALRO for the location of turbines, substation and green area. The ALRO lease agreement also includes consent from 39 farmer beneficiaries who are using the area for agricultural production. Consent of these individuals were obtained by the project sponsor after consulting and negotiating with them.⁵ The agreed rental rate for ALRO land is per annum⁶ for a 27 year term. A fixed rate per plot or per rai per annum was agreed to be paid by CWF to the affected farmer beneficiaries and the consent given was good for the duration of the project.

5. Summary of farmer beneficiaries who gave their consent to CWF to use part of their land for the project area as follows:

Table 1: Summary of Farmer Beneficiaries Who Gave Consent

³ 32 WTGs have been proposed by EPC contractor in which an energy yield is optimized.

⁴ One rai = 1,600 square meters

⁵ Consultation and negotiation with farmer beneficiaries started in 2009, consent was secured between 1 December 2009 to 1 February 2011.

⁶ The rental rate is subject to change in accordance with the relevant regulation of Land Reform Committee (LRC).

	Number of Affected Farmer Beneficiaries		
Project Structure	Male	Female	Total
Turbine, Sub-station	25	14	39
Green Area only	25	14	39
Sources: ECCO and LTA Bapart			

Sources: EGCO and LTA Report

6. To date, consent of all the affected farmer beneficiaries have been secured by the project sponsor. The lease agreement with ALRO, which include the consent of the farmer beneficiaries as attachment, have been registered with the land office.

7. **Willingness of Farmer Beneficiaries to Give Consent.** 2 landowners/farmers who were initially identified as project affected person were interviewed during Due Diligence Mission. They have been around when the negotiation with land owners and farmer beneficiaries started. They expressed that the affected individuals, including them, willingly agreed to give their consent and allow the project sponsor to use portion of the land that they are utilizing for cassava production for the implementation of the project. The consent was given with the understanding that there will be an agreed fee depending on the area of land that will be affected. She also reported that negotiation was done openly and free from coercion or intimidation and that there are no outstanding issues related to land acquisition.

8. The willingness of the affected farmers, according to them, were due to the following reasons: (a) the percentage of the area that will be affected as against the total area utilized for cassava production is considered small, and (b) the rental fee is higher than the net income from the land.⁷

9. **Grievance Mechanism.** During interview with an EGCO staff, the ADB Safeguards Team was informed that a Grievance Redress Mechanism has been devised to provide a venue to discuss issues through conflict resolution and address issues adequately. EGCO will be hiring a Community Relations (CR) officer that will be based in the project site and will be reporting directly to the Plant Manager. This CR officer has already been identified and reported to have been involved during consultation and negotiation with the project affected persons and is very familiar with the project.

B.Indigenous Peoples

10. Chaiyaphum Province is around 250 kilometers from Bangkok and although it was founded over 2 centuries ago during the early Rattanakosin period by a group of Vientiane people, majority of the people in the project site identify themselves as Thai. The project area and vicinity is not known to be settled, claimed or owned by any ethnic/Indigenous Peoples group.

C. Other Social Dimensions

11. Women were significantly represented during public consultation conducted and during the conduct of perception survey, they articulated their concerns about the project.

⁷ Cassava is planted once a year with an average income of 10,000 baht per rai.

The participants in the consultation requested to be clarified on the following matters: potential impact of the project to the community, how the community can benefit from the project, possible restrictions on land use, rental fee for affected land area and employment opportunities during construction, These issues were satisfactorily explained by the project sponsor representatives during the activity. Those present in the activity has no objection on the proposed project. It was just requested during the consultation that the community be regularly updated on the schedule of project activities.

12. During the construction phase, there will be employment opportunities among local community members. Although the project sponsor expressed its position that there will be no discrimination in hiring of workers/labourers during construction, direct employment of women may be limited because of the nature of the work available.

III. CONCLUSIONS AND RECOMMENDATIONS

13. Based on information gathered, the following conclusions relevant to Safeguard Policy Statement (SPS) SR 2 principles and requirements are made:

- (i) The project will temporarily affect areas used for farming during the construction phase and permanently during the operation phase. The compensation in the form of rental fee for permanent damage to crops in the affected area has already been agreed to the satisfaction of the affected farmers. The consent of the farmer beneficiaries forms part of the lease agreement with ALRO. No physical displacement will occur.
- (ii) The amount of agreed rental fee is higher than the net income that can be derived from the affected agricultural land which is presently planted to cassava. The requirement of replacement cost compensation is sufficiently met.
- (iii) The lease agreement concluded with ALRO which is the legal owner of the land is conducted according to the laws of Thailand. The compensation agreement with the affected farmers was reached openly and freely without the use of coercion, intimidation or deceit.
- (iv) The project area and vicinity is not known to be settled, claimed or owned by any ethnic/Indigenous Peoples group.
- (v) Significant number of women participated during public consultation. Due to the nature of work required by the project and national regulations, there will be limited opportunities for direct employment for women during construction.
- (vi) Grievance Redress Mechanism will be set up to address project-related issues during construction and operation. EGCO will be hiring a Community Relations (CR) officer that will be based on the project site and will be reporting directly to the Plant Manager.

14. Except for the timely operationalization of grievance redress mechanism, the arrangements for land acquisition and compensation are found to be compliant with the SPS SR2 policies and principles. There are no outstanding issues nor any corrective actions required for the proposed project.

ANNEX

Names of People Met

Name	Position	Affiliation	
Pissamai Lanork	Project Afffected Person/Farmer		
Amnaj Tangpol	Project Afffected Person/Farmer		
Sorasak Thammapitakporn	Consultant	Greener	
Sarocha Payungpongsanond	Vice President - Business Development	EGCO	
Somphop Kianduangchan	Vice President – Operation and Maintenance	EGCO	

COPY OF ATTENDANCE LIST IN PUBLIC PARTICIPATION

MEETING

ใบอาหาะเบียน

การประชุมวับพังความศิตเท็บโครงการโรงไฟฟ้าพลังงานตม ขัยภูมิ วินค์ฟ่าร์ม จังหวัดขัยภูมิ ของบริษัท ขัยภูมิ วินค์ฟ่าร์ม จำกัด

วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมพี่ว่าการอำเภอขับไหญ่ ด้านลขับไหญ่ อำเภอขับไหญ่ จังหวัดขับภูมิ

ลำดับ	ชื่อ-มามตกุล	พ้านหน่ง	พน่วยงาน/ที่อยู่	โพรศัพท์	อายเซิน
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หมายเหตุ : การลงหะเบือนนี้เป็นการลงทะเบือนผู้อย้าร่วมประชุณห่านั้นไม่ใช่การลงชื่อเพื่อได้การรับรอกเรือเดินขอบต่อไครงการแต่อย่างใด

. *

ใบองของปียน

การประชุมวันพื่งความศิลเพิ่มโครงการโรงให้พ้าพลังงานลม ข้อภูมิ วินด์ฟาร์ม จังหวัดข้อภูมิ ของบริษัท ข้อภูมิ วินด์ฟาร์ม จำกัด

วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอขับไหญ่ ดำบลขับไหญ่ อำเภอขับไหญ่ จังหวัดขัยภูมิ

ลำคับ	ชื่อ-มามสกุล	ตัวแหน่ง	พน่วยงาน/พี่อยู่	โทรศัพท์	ตายเข็น
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หมายแหตุ : การลงทะเบียนนี้เป็นการลงทะเบียนผู้เข้าร่วมประชุมเท่านั้นไม่ใช่การลงชื่อเพื่อให้การรับรองหรือเพิ่มขอบต่อโครงการแต่อย่างใด

ใบอาหะเบียน

การประชุมรับพีงความติดเห็นโครงการโรงไฟฟ้าหลังงานอม ขัยภูมิ วินต์ฟาร์ม จังหวัดข้อภูมิ ของบริษัท ข้อภูมิ วินต์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอขับใหญ่ คำบอขับใหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

ลำตับ	ชื่อ-นามสกุล	ต่ำแหน่ง	พม่วยงาน/พื่อยู่	โทรศัพฟ	ลายเซ็น
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ใบอาหะเบียน

การประชุมวับพังความคิดเห็นโครงการโรงไฟฟ้าพลังงานอม ขัยภูมิ วินด์ฟาร์ม จังหวัดขัยภูมิ ของบริษัต ขัยภูมิ วินด์ฟาร์ม จำลัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ ห้องประชุมที่ว่าการอำเภอขับไหญ่ ดำบลขับไหญ่ อำเภอขับไหญ่ จังหวัดขับภูมิ

ลำดับ	ชื่อ-นามสกุล	ตำแหน่ง	พน่วยงาน/พื่อยู่	โทรศัพท์	ลายเข็น
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หมายเหตุ : การลงหมเบือนนี้เป็นการลงหมเบือนผู้เข้าร่วมประชุมเท่านั้นใบให่การลงชื่อเพื่อให้การรับรองหรือเพิ่มขอบต่อโครงการแต่อย่างใด

ใบลงหะเบียน

การประชุมรับพื่งความสัตเพ็นโครงการโรงไฟฟ้าพถังงานอม ขัยภูมิ วินต์ฟาร์ม จังหวัดขัยภูมิ ของบริษัท ขัยภูมิ วินต์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอขับใหญ่ คำบลขับใหญ่ อำเภอขับใหญ่ จังหวัดขัยภูมิ

ลำคับ	ชื่อ-นามสกุด	ตัวแหน่ง	พบ่วยงานที่อยู่	โทรศัพท์	อาองซีน
ŧ.	54 RO 500012		118 14.5		200
1	พ.ศ. สกัญลา สุของภักสี		148 4.5		สูกัญญา
3	N. S. Brin wat name		144 2.5		8781
4	MALLA GANOG TOWAR		145 N. 5		189609
5	กลิมัคนไว้ แพ้ เพ		96 N. S		r.u
4	น.ศ. หนี่ ระกาณ	_	56/1 215		น วกไ
۲	พาง บรีพันว์ ชัยวงต์	ł	0N.5		มรีเมอร์
1	no endlation	9	1921.5		4
9	いののないろいんのののかっ	9 X	12-21-5		อันกร์เนื่อย
10	HAJ WILL GATTOON	5	13 4 5		לבסתרוגט אנע
11	200 Are du Hadinin	¢	9 2.5		#rood4
U.	193 ลักษณ์ คระรักงรีมั่ง	2	29/2 2 5		Taxas

หม่วยเหตุ : การลงหมเบียนนี้เป็นการลงหมเบียนผู้เข้าร่วมประชุมเท่านั้นไม่ใช่การลงชื่อเพื่อให้การรับรองหรือเพิ่มของต่อโครงการแต่อย่างได

ใบอาหะเบียน

การประชุมรับฟังความคิดเพิ่มโครงการโรงไฟฟ้าพดังงานลม ข้อภูมิ วันด์ฟ่าร์ม จังหรัดข้อภูมิ ของบริษัท ข้อภูมิ วินต์ฟาร์ม จำกัด วันที่ 20 มิอุนายน 2557 เวลา 08.30-12.00 น.

ณ ห้องประชุมที่ว่าการลำเกอขับไหญ่ คำบอขับไหญ่ อำเภอขับไหญ่ จังหวัดข้อภูมิ

ลำดับ	ชื่อ-นามตกุด	ต่ำแหน่ง	หน่วยงาน/ที่อยู่	โทรศัพท์	ลายเข็น
15	พ.พ. ปลุมา เวเมาร์ม		41 4.5		unian .
54	HOS GHALL ENDERNE		23 25		4946 040
p	หาว อำเลี้ยน มีมาก		137 2 5		บ้ารับแ
×	111 R. 000 Roving		144 319		A.009-
X	uniter on ante		141 8.9	_	anger
X	will do an annadas		219	_	divin .
19	MA WEON PROVIDEN		25 24 5		WIDY
21	18 R Guman Maks		20/1		gman.
21	no under too where a		64 7.5		1000
22	he an abritto		35 25		Jaus
25	422 21219 284		11825		wag
24	201 MM TO Jom	a.d.	54315 Bulnd		Of

หมายเหตุ : การลงที่ตะเบียนนี้เป็นการลงทะเบียนผู้เข้าร่ามประชุมเท่านั้นในใช่การลงชื่อเพื่อให้การรับรองหรือเห็นขอบต่อโครงการแต่อย่างใด

โบองหะเบียบ การประชุมรับฟังความพิดเพิ่นโครงการโรงไฟฟ้าพดังงานอม ข้อภูมิ วิแต่ฟาร์ม จังหวัดข้อภูมิ ของบริษัท ข้อภูมิ วินต์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอขับใหญ่ ดำบอขับไหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

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ลำดับ	ชื่อ-มามตกุล	สำนหน่ง	พน่วยงาน/พี่อยู่	โลรสโพลโ	ลายเซ็น
15	SCAN ASSCAUCH		1. 4.5		20100
26	MUSHAW STOPM		15 21.5.		SURV
27	DU JUNSLAS TSOUTH		81 21.5-		alNatins
Z1	Shins aninita		7625		สมพร์
	หาง พามพาวง จองกรักษ์		53 94.5		NAMASS
30	השא אזנגולא נהג	*\$	121 74 5	_	A
R	and don't remaining and		149 2.5		montiner
ŝz	หาซเล่ว สวีการต์		13 x.5		7 22
55	Robridger Castrologe	N9m/202	91 2.5		Twater
34	CLOUNTER PREVERS		165 21. 5		RESR
13	years lever		165 91.5		NADON
x	Stown instructions		165 W.3		Shews

หมายเหตุ : การตอหะเบียนนี้เป็นการออหะเบียนผู้เข้าร่วมประชุมเท่านั้นใบใช่การองชื่อเพื่อให้การรับรออหรือเห็นขอบต่อโครงการแต่อย่างใด

ใบอาหะเบียน

การประชุมรับพีงความติดเพิ่มโครงการโรงไฟฟ้าพดังงานถม ข้อภูมิ วินด์ฟาร์ม จังหวัดข้อภูมิ ของบริษัท ข้อภูมิ วินต์ฟาร์ม จำกัด วันที่ 20 มิอุนายน 2557 เวลา 08,30-12,00 น.

ณ ห้องประชุมที่ว่าการอำเภอขับใหญ่ ต่าบอขับใหญ่ อำเภอขับใหญ่ จังหวัดขัยภูมิ

ำสับ		ต่ำแหน่ง	พน่วยงาน/พื่อยู่	ไหวทัพท์	ดายเซ็น
		SONM M5	OSION Dar Prov		fre
52	neren land		02001 2019m		pro
-					
-					

หมายเหตุ : การลงทะเบียนนี้เป็นการลงทะเบียนผู้เข้าร่วมประชุมเท่านั้นในใช่การลงชื่อเพื่อให้การรับรองหรือเห็นขอบต่อโครงการแต่อย่างโค

ใบองทะเบียน

÷.

การประชุมรับฟังความคิดเห็นโครงการโรงไฟฟ้าพลังงานลม ขัยภูมิ วินศ์ฟาร์ม จังหวัดขัยภูมิ ของบริษัท ขัยภูมิ วันด์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 06.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอขับไหญ่ ดำบอขับใหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

ำตับ	ชื่อ-นามสกุล	พ้าแหน่ง	หน่วยงาน/ที่อยู่	ไทรศัพท์	ลายเข็น
4	me ADH invitiona		1 <u>02</u> م. د		20
2	In UN IUSYUNG		35 N.L		เพียม
3	2/5-535 0357		R 2.4		Jacestle
4	จีนม่องคะ		18/9 21.6		34
5	Nazio NEVADA		1/2 21.6		1
6	abigs Frähune =		227 Hb		deres
7	เป็นสิกร โบรงมกก		232 N.L		เป็นจิกร
8	ALE TOMATE AND THE		88.4 - 21.L		מעותאד אותה
9	สอว่ ยาลานกล		159 N.L		24
10	Twyse Zama		100 ar-L		Too
11	manifico storener		43 4.6		18 all
12	41MANNEO 42000 .	A.C.M.M	33 4.6		12006

หมายเหตุ : การลงทละเบียนนั้งปีนี้การลงทละเบียนผู้เข้าร่วมประชุมเท่านั้นในปีข่าวรลงชื่อเพื่อได้การรับรองหรือเด้นขอบต่อโครงการแต่อย่างได

ใบอาหะเบียน

การประชุมรับพังความคิดเห็นโครงการโรงไฟฟ้าพดังงานอม ข้อภูมิ วินต์ฟาร์ม จังหวัดข้อภูมิ ของบริษัท ข้อภูมิ วินต์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ ห้องประชุมที่ว่าการอำเภอขับใหญ่ คำบลขับใหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

ลำดับ	ชื่อ-มามสกุด	ตำแหน่ง	พน่วยงาน/พี่อยู่	โพรศัพท์	ดายเซ็น
13	not server and here	storian fragina	Ra. Ni b		2mm2
41	sou to intuiner		209 a. b		5
15	ากป สมเราป เพียงกากก	yens of the wint	51 31.6		Re
11	NIC MARTIN CIENAS		149 216		musul
19	พระกันญา เพียงพล		51. N.L	_	Regel 2
18	2002201 41111 4152		39. sl.L		หาศก
19	antition data		36. 21.6		Tites
-	HOS KTAS WOUTS	สาในพาร์น	201 be-b		NYAS
4	นารโลงโลม หังแล	-	157 4-6		TRATOMI
22	และกลุ บังค์สังเม		21A 31-6		NOTES.
13	พวศีกรม เจริญหาย	Suc 60SNOW	186 21.6		เลือบ

หมายแหตุ : การลงหะเบียนนี้เป็นการลงหะเบียนผู้เข้าร่วมประชุมแท่านั้นใบให้การลงชื่อเพื่อให้การรับรองหรือเพื่มขอบต่อไครงการแต่อย่างโค

โบอสหองบียน

การประชุมวับฟังความศิตเต็บโครงการโรงไฟฟ้าพลังงานอม ชัยภูมิ วินต์ฟาร์ม จังหวัดชัยภูมิ ของบริษัท ชัยภูมิ วินต์ฟาร์ม จำกัด

วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอขับไหญ่ ด้านลขับไหญ่ อำเภอขับไหญ่ จังหวัดข้อภูมิ

ลำคับ	fla-มาปุตกุล	ตำแหน่ง	หน่วยงานที่อยู่	โทรศัพท์	ลายเชิน
×	tod rained upper	Suguron auto	cours forther		1-
2	wanthan anna Galt		15 W 9 M. Bulund		1/3400
3	1219 3124 กลี่หนดสี	6. M. N	169 3.9 0.97.940		3121
H	Anoros dola		167 21 9 on Barbook		downos
Б	osimus bang		ALBAIG ON BANJARON		cos mais
6	Fine carla		164219 on DA/500	<u>11</u>	13'00
7	OPN 1142402		153 H.G. Malun		(P)
9	บายนา แม่ชื่อกาปร		424		UTUWI
9	INTERN NORTH		187 2.9 309 WN		110180-
10	หายนาด แรงเป็นเพื่อง		137 N.9 wight		470 11505-12
11	more wards and		166 21.9 Zulan		BUN
12	me deter gottont	TO DAM.	89 AL 9 Bartun'		at-

หมายเหตุ : การลงหมเนียนนี้เป็นการลงหมเนียนผู้เข้าร่วมประชุมเท่านั้นในใช่การลงชื่อเพื่อให้การรับรองหรือเห็นขอบต่อโครงการแต่ออ่างโค

ใบอาหารเบียน

การประชุมวับพึงความติดเพ็นโครงการโรงไฟฟ้าพลังงานอม ซัยภูมิ วินด์ฟาร์ม จังหวัดขัยภูมิ ของบริษัท ขัยภูมิ วินด์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ ห้องประชุมที่ว่าการอำเภอขับใหญ่ ดำบอขับใหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

ลำดับ	ชื่อ-นามสกุด	ตัวแหน่ง	พน่วยงาน/พี่อยู่	โพรศัพท์	ตายเชิ่ม
13	คลาวทางาร์ เคราง		6 640		ANIADIN A
14	alle TAPU & alen TA		11 apr 9		RATUN
15	Aconcorp Look erm		stary 9.		5005
16	นายล้าน เมื่อปนาก	16	Pul 9		274
57	una Janton Jufuite		16 mx 9		Asnitha
Н	אילוטאלה מיאלים שרור	6	Kup a		onunp
19	มาย พิก เสียมพุทกป	1	145 m/ 9		Rey
20	LOU OTHOU MANDER	W Pap NINEHA	166 01.9 or Sugap		A
21	Insont Marth	/	42 11.9		INTEN
11	ารีรถาว์ เชื่องกับหมา		175 8.9		miltout
23	and and transfer		167 4.9		Alla
24	The Broad AMAS =		11 X21 9		182123

หมายเหตุ : การองหละเบียนนี้เป็นการองหละเบียนดู้เข้าร่วมประชุณท่านั้นในให้การองชื่อเพื่อให้ประวัยร่องหรือเพ็นขอบต่อโครงการแต่อย่างใด

MADY

Tuesevertiers	
การประชุมรับที่งครามศิตเห็นโครงการโรงไฟฟ้าพอังงานอม ขัยภูมิ วิบด์ฟาร์ม จังหวัดชัยภูมิ ของบริษัท ข้อภูมิ วินด์ฟาร์ม จำกัด	
วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.	

ณ พ้องประชุมพี่ว่าการอำเภอขับใหญ่ ตำบอขับใหญ่ อำเภอขับใหญ่ จังหวัดขัยภูมิ

ชื่อ-นามสกุล	พำแหน่ง	หน่วยงาน/ที่อยู่	โทรศัพท์	ตายเซิน
word wago Friend		5 82 9		14.005
anagre invo baine		5 2 9		BAUDOR
pices matunit		1400 21.9		154000
HAD ON Sont		141 249		45mo 5
reaging hearings		150 WG		Jayna .
VER WERSHE		121		V
there acound form	08.5.218	106 AV."		ghy.
SAWA BENNA		2.7		Edinah 2
				_
	אסיתועישה עליניייי אובעאישע אולי ארמע בפטה לבורה	เนอาฮ เสียง สีนอกอก สิทสุดาย เลี้ยง อีลเกิด ลเอธง ค. ครั้งเกินไ พัทดา ออมรีอาร์ หมุ่ง ออมรีอาร์ ปุ่น พุษธ์เรียงไ สาวเชื้อ ครออ เรียงวิช เช. ช. 246	щото иня чо 7 чита 5 кд 9 днаята насованото 5 кд 9 днаята насованото 5 кд 9 лово платител 141 209 продо полбот 150 219 Ци Малята 150 219 Ци Малята 121 Ди Малята 121 Ди Малята 121	иного иля чо 7 листа 5 кд 3 днаяте настранойс 5 кд 3 днаяте настранойс 5 кд 3 лов - ло листа 1940 дн. 9 инот отбани 1941 209 на пранокок 150 дн.С. 194 ни пранокок 194 ни пранокок 194 лист 194 лист 106 вч.

หมายเหตุ : การลงหะเบียนนี้เป็นการลงทะเบียนสูงข้าร่ามประชุมเท่านั้นไม่ใช่การลงชื่อเพื่อให้การรับรองหรือเพิ่มขอบต่อโครงการแต่อย่างใด

ใบอาหาะเบียน

การประชุมรับฟังความคิดเห็นโครงการโรงไฟฟ้าพอังงานคม ชัอภูมิ วินค์ฟาร์ม จังหวัดชัอภูมิ ของบริษัท ชัอภูมิ วินค์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ ห้องประชุมที่ว่าการอำเภอขับใหญ่ ดำบอขับใหญ่ อำเภอขับใหญ่ จังหวัดขัยภูมิ

ก้คับ	ชื่อ-นามสกุด	ต้านหน่ง	หน่วยงาน/ที่อยู่	โทรศัพท์	ดายเซ็น
1	เกอโกสนน์ ฟรสนเชิ		23.4.5 2745419100		log
2	พ.ส. จิ๋ากัทร กลงกลาง		RE1 พ.ร. ม้านวังทากังว		สี่รถังร
3	เม็ญฟรี พาสงร์น์		71 2.3 UT4 2 Von TT		650 N3
4	23 Basidda		68		22
2	58 obsioms de		110 3		обнотны
6	นอง ประจัตรขอน		93 3		พี่น ม่ายวิสเวอ
7	why willy		28		(it)
8	INN to disherd		23 INNOR defend		1Win BS
7	ua enri Linte		N N.S		an
10	140 durine Journa .	er.N. U	154.3		-

หมายเหตุ : การองหมะเบียนนี้เป็นการองหะเบียนผู้เข้าร่วมประชุมเท่านั้นใบให่การองชื่อเพื่อให้การรับรองหรือเพิ่มขอบพ่อโครงการแต่อย่างใค

ใบอาหาะเบียน

การประชุมรับพึงความคิดเห็นโครงการโรงไฟฟ้าพลังงามลม ขัยภูมิ วินด์ฟาร์ม จัยควัดขัยภูมิ ของบริษัท ขัยภูมิ วินด์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 06.30-12.00 น.

ณ พ้องประชุมพี่ว่าการอำเภอขับไหญ่ คำบดขับไหญ่ อำเภอขับไหญ่ จังหวัดขัยภูมิ

ำตับ	ชื่อ-นามสกุล	ต่ำแหน่ง	หน่วยงาน/ที่อยู่	ไทรศัพท์	ตายเข็น
1	17473 drab122		155 N.3		p*++77
2	unoiddanty mains	45009	TILLY'S SOUTH		Au J
3	na obn draiessa	/	155,213		Sim
4	mensor plant		214mis	-	annon
5	NOU BOOK WAYES		224 111/2		Daw Mon
6	100 27574 STOUS		63 44 3		and -
7	เกอกอฮลบ์ ชอเอเก		012 erat 3		ash4
	HANT COUSACH		42 20 13		ARNON
X	HIPPORE DIANA		36 2131 132		สมกิจ-
X	เลยสลานีย เร็กหรืน		7		
)				

หมายเหตุ : การลงขอเบือนนี้เป็นการลงขอเบือนผู้เข้าร่วมประชุมเท่านั้นไม่ใช่การลงชื่อเพื่อให้การรับรองหรือเพิ่มขอบต่อโครงการแต่อย่างใด

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ใบอาหะเบียน

การประชุมรับพึงความติดเพิ่มโครงการโรงไฟฟ้าหลังงานอม ข้อภูมิ วินด์ฟาร์ม จังหวัดข้อภูมิ ของบริษัท ข้อภูมิ วินด์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ ห้องประชุมพี่ว่าการอำเภอขับไหญ่ คำบลขับไหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

ลำดับ	∜อ-นามสกุล	สำนหน่ง	พน่วยงาน/พื่อยู่	โพรศัพท	ตายเซ็น
1	473 KHO'S AUSONO		93 24 17		อมศั.
2	14.ส.ศักสุกรณ ครสัปร		153 2. 12		4กัสวัสวุรรัณ
3	เธรป เกอลันเทย.		107217		100
4	welpa used 21 dian Bro		45 . 17		WIDAN
5	4.6. อยารักน์ นชั่วแต่ เกา		91 vá 17		amina
6	way BILO MOTIVILL		159 HW 17		あらの
7	いわりのろうてもないないないない		91 14		2002521
8	พางพรร สิรีรรง		109 42 17		8312
			1		

หมายะหตุ : การลงทะเบียนนี้เป็นการลงทะเบียนสู้เข้าร่วมประชุมแท่วนั้นในให่การลงขึ้อเพื่อให้การรับรองหรือเส้นขอบต่อโครงการแต่อย่างใด

ใบอาหอะมีอน

การประชุมรับฟังความติดเต็บโครงการโรงไฟฟ้าพลังงานลม ข้อภูมิ วินต์ฟาร์ม จังหรัดข้อภูมิ ของบริษัท ข้อภูมิ วินต์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอขับไหญ่ ต่าบอขับไหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

่ำตับ	ชื่อ-นามสกุล	ต้าแหน่ง	พน่วยงานเพื่อยู่	โทรศัพท์	ลายเข็น
1	ษาย สู่ลอกา สุม.วม	W-DJ.3J	24 21 19		SI
2	พาง แพง หรือบูนทล	กฎมการ์	47 NJ 17		1/245
3	WWENDOU JNER	Arunad	9 4 × 14		Saplas
4	INDJAA NURANA	15521175	35 UN 14		SAN
5	มาวสองหา ของกุราอี	n או א און	132 ani 14		Amorg
6	נותחפטר גנאשק		8 a uj 17		สมส่วน
9	พาง พระกา กองค้าง พค		152 Wh 17		W58 517
8	พร กรีสมอกออนสาว	155321795	27 22 17		~35
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หมายเหตุ : การลงทอเนื่อนนี้เป็นการลงทอเนื่อนผู้เข้าร่วมประทุณห่านั้นในใช่การลงชื่อเพื่อให้การรับรองหรือเพิ่มขอบต่อโครงการแต่อย่างใด

ใบลงหะเบียน

การประชุมวับพื้งความคิดเห็นโครงการโรงไฟฟ้าพดังงานอม ขับภูมิ วินด์ฟาร์ม จังหวัดขับภูมิ ของบริษัท ขับภูมิ วินด์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอซับไหญ่ ดำบลขับไหญ่ อำเภอซับไหญ่ จังหวัดขัยภูมิ

ลำดับ	ชื่อ-มามสกุล	สำนหน่ง	หน่วยงาน/ที่อยู่	โละระดังกล์	ลายเซ็น
1	รณาสัก กระเริการ์เร	6.5.	101 21.10 2. Mainstr		Je-
2	AND THOM INDON		100 N 10 N. THUNDING		and .
3	นารศูณิ เพราะชา		10 8 20/14 11 Jac 10 5 11		904
4	ขาวรัญ สวนสะมัต		110 mille m. Tomresie		-Ša
5	นาง กาษสง มัพกระโกก		112 HS 14 21 Twood 17		mu a-a
6	MEN TON MAN TERMAN		112 80 IL allamatic		ROA
7	vasa dusidà		111 NAIR + SHAME		4030
8	ค่มควร อุ่นสรรีต์		111 20 14 Junios PL		dums
9	SHORE THUBUSUNA		84 × 14 FAMISSA		sin
10	Tes ANDAINDISH	~5	el M. 14 Trented		8
11	น้ำคอน พิพธ์โคตง		64 W. 14 THANDOT		45-1 00 2
12	สำหม กุมม้าสา		14 9441050	5	Showler

หมายเหตุ : การลงหะเบียนนี้เป็นการลงหะเบียนสู้สตัวร่วมประชุมแท่วนั้นในใช่การลงชื่อเพื่อให้การรับรองตรีอเดียงต่อใคร[ั]ดการแต่อย่างโค

ใบลงพระบัตน

การประชุมวับพังความคิดเห็นโครงการโรงไฟฟ้าพลังงานอม ขัยภูมิ วินค์ฟาร์ม จังหวัดขัยภูมิ ของบริษัท ขัยภูมิ วินค์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมพี่ว่าการอำเภอขับไหญ่ ด้านอขับใหญ่ อำเภอขับใหญ่ จังหวัดขัยภูมิ

ำคับ	∜อ -มามสกุด	ตำเหหน่ง	พน่วยงาน/พี่อยู่	โทรศัพท์	อายเซ็น
13	the property and	-	37 milly uniterrolas		on OK
14	พระ สูริยา ปะมะศัง	5	184 เหม่ 14 มักนโนนเชิก		Auger .
15	ma tessions producto	-	164 mitracion		1 his
16	אוז לאוגד להאוש	-	12 บ้างวันงาววิฮ		and the
17	no mi dinião		21 2716 944152		JFS
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หมายเหตุ : การลงหมเบียนนี้เป็นการลงหมเบียนสู่เข้าร่วมปรดขุมเท่านั้นในใช่การลงชื่อเพื่อให้การรับรองหรือเห็นขอบค่อโครงการแค่อย่างใค

z, 1

ในอาหาะเบียน

การประชุมรับพังความคิดเห็นโครงการโรงไฟฟ้าพดังงานตม ข้อภูมิ วินด์ฟาร์ม จังหวัดข้อภูมิ ของบริษัท ข้อภูมิ วินด์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอขับใหญ่ ด้าบลขับใหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

ลำดับ	ชื่อ-มามสกุด	ต่ำแหน่ง	หน่วยงาน/ที่อยู่	โทรศัพท์	ลายเข็น
1	1041 20 Ap 207 20		21 113		dian
2	ung da na Nollão		36 22 13		สมเดิด
	413 KW4 209960		98 242/19		100000
	A.G. 1025 1841720		12 22 13		1025
5	หาม ข้ามมัน ซับสีบรง		13 2 13		ข้อลับธ
6	ห.ต. พระกงออก ซึ่งสะด		78 a. 15		9-1521-057
2	44 3 mon Vienneselou		16 24, 13		15000
8	ma Soung		13 2-13		20214
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หมายเหตุ : การลงหมะเบียนนี้เป็นการลงหมะเบียนผู้เข้าร่วมประชุมเท่านั้นในใช่การลงชื่อเพื่อให้การรับรองครือเห็นขอบต่อโครงการแต่อย่างใด

ใบลงพะเบียน

การประชุมรับฟังความดิดเห็นโครงการโรงไฟฟ้าหลังงานชม ขัยภูมิ วินด์ฟาร์ม จังหวัดชัยภูมิ ของบริษัท ชัยภูมิ วินด์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ ท้องประชุมพี่ว่าการอำเภอขับใหญ่ ด้าบลขับใหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

ลำสับ	ชื่อ-นามสกุล	พ้าแหน่ง	หน่วยงาน/ที่อยู่	โทรศัพท์	การเข็ม
1	HIN PULSER POTOPS		42/13		maria
2	110 ลาเมือง ไฟกระไทก		35/15		Actes
	no Int managements		84/19		Test
4	เรียง พุกุลิยเมีย		29/13		6500
5	Hen KINDOSE		87/13		
6	Thesene of algos		891B		Ber
1	LOUVERAS DUL		10 81.13	_	2/2

หมายเหตุ : การลงทะเบียนนี้เป็นการลงทะเบียนผู้เข้าร่วมประชุมเท่านั้นในใช่การลงซึ่งเพื่อให้การรับรองหรือเห็นขอบต่อไครงการแต่อย่างใด

หมู่ที่ 13 บ้านโนนจำปา ต่าบอนายางกลัก

ใบลงหะเบียน

การประชุมวันพังความสิดเห็นโครงการโรงไฟฟ้าพดังงานอม ข้อภูมิ วินด์ฟาร์ม จังหวัดข้อภูมิ ของบริษัท ข้อภูมิ วินด์ฟาร์ม จำกัด วันที่ 20 มีภูนายน 2557 เวลา 08.30-12.00 น.

ณ ท้องประชุมที่ว่าการอำเภอขับไหญ่ สำบลขับไหญ่ อำเภอขับไหญ่ จังหวัดข้อภูมิ

ลำดับ	ชื่อ-นามสกุด	ตัวแหน่ง	พน่วยงาน/พื่อยู่	โพรศัพท์	ดายเชิ่ม
1	พอนามมียา โพธีอาณ		45 314		મહ્યા માર્ગે મ
2	ธเรียง ยุษาจักรัช		59 214		51802
3	26-12 02226-mai		109 x1.4		2/5-1253
4	wear, No anau		312 214		945-55
s	442 981 2000000		196 2 4		9
6	Staling Manzelas		233 24		1.
7	purper and the		17 21.4		etratation Nampa
8	un mar deads		266 240		mider
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หมายแหตุ : การลงหะเบียนนี้เป็นการลงหะเบียนผู้เข้าร่วมประชุณเท่านั้นไม่ใช่การลงชื่อเพื่อให้การรับรองหรือเพิ่มขอบต่อโครงการแต่อย่างใด

ใบองหะเบียน

การประชุมรับฟังความสิตเห็นโครงการโรงให้พิวพถึงงานขม ข้อภูมิ วิบด์ห่าร์ม จังหรัดข้อภูมิ ของบริษัท ข้อภูมิ วินต์ฟาร์ม จำกัด

วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอขับใหญ่ ดำบอขับใหญ่ อำเภอขับไหญ่ จังหวัดข้อภูมิ

หมู่ที่ 4 บ้านวังอ้ายโพธิ์ (คุ้มเขานางรักษ์) ด้ายอบ้านไร่

ต่ำคับ	ชื่อ-นามสกุล	ต่านหน่ง	หน่วยงาน/พื่อยู่	โทรศัพท์	ตายเข็น
	viola ordebas		45. 4 5000 25		LL LL
1	you NEONWO	N.J.N.	69 24 2-2		yas new
3	Não manos		25214		1600
4	Nov original		26 21.4	_	argo
5	ADUM CALINDOON		2724		ATUNE
4	ned there in the meta	al 4 m 2 m 2 31.4	5 21.4 01. 2021/2		(Sino
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หมายเหตุ : การลงทะเนื่อนนี้เป็นการลงทะเบือนผู้เข้าร่วมประชุณเท่านั้นในใช่การลงซื้อเพื่อให้การรับรลงหรือเพ้นขอบต่อโครงการแต่อย่างใด

ใบอาหารเบียน

การประชุมวับฟังความสิดเห็นโครงการโรงไฟฟัาพดังงานขม ขัยภูมิ วินด์ฟาร์ม จังหวัดขัยภูมิ ของบริษัท ขัยภูมิ วินด์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอซับไหญ่ ดำบอขับไหญ่ อำเภอซับไหญ่ จังหวัดขับภูมิ

ถ่าตับ	ชื่อ-นามสกุด	ตำแหน่ง	พน่วยงาน/ที่อยู่	โพรศัพท์	อาธเขีน
1	WEIER No Presor	of to a star	48 N.5		o/s
2	KING WALLAN		145 215		-
3	H.S. HETER HARRAGOT		48 215		Down
4	หกนอย มีตรงงาวส์		113 5		47402
2	おんしろ しわうのかち		130 5		THAS
6	Warde Schand	4504	F16 M. 5		R.
Ŧ	ล้าเกา เลี้ยมรัตร์ส		30215		8176777
8	distant counsitions		146 H.S.		Serios
7	desin หรือมินตรีย	end.w.	181 2.5		Roho
10	หมือ มันหันเมือ		130 MG		No-
1	ans ohinn		19725		600
12	nashi guko		19925		noodd

หมายเหตุ : การละทะเบือนนี้เป็นการละทะเบือนผู้เข้าร่วมประชุมเท่านั้นใบให้การละซื่อเพื่อให้การรับรองหรือเพิ่มขอบต่อไครงการแต่อย่างใด

ใบอาหาะเบียน

การประชุมรับพี่งความพิดเพ็นโครงการโรงไฟฟ้าพลังงานลม ข้อภูมิ วินต์ฟาร์ม จัดหวัดข้อภูมิ ของบริษัท ข้อภูมิ วินต์ฟาร์ม จำกัด วันที่ 20 มิอุนายน 2557 เวลา 08.30-12.00 น.

ณ ห้องประชุมที่ว่าการอำเภอขับไหญ่ ด้านอขับใหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

หมู่ที่ 5 บ้านวังตาเทพ ต่าบอบ้านไว่

ลำดับ	ชื่อ-นามตกุต	ต่ำแหน่ง	หน่วยงาน/พี่อยู่	โทรศัพท์	ตายเชิ่ม
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หม่วยเหตุ : การลงทะเนื่อนนี้เป็นการลงทะเนื่อนผู้เข้าร่วมประชุมแท่านั้นไม่ใช่การลงซึ่งเพื่อให้การรับรองหรือเพิ่มขอบต่อโครงการแต่อย่างโค

ใบองทะเบียน

การประชุมวับพีงความคิดเห็นโครงการโรงไฟฟ้าพลังงานอม ขัยภูมิ วินต์ฟาร์ม จังหวัดขัยภูมิ ของบริษัท ขัยภูมิ วินต์ฟาร์ม จำลัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ ห้องประชุมที่ว่าการอ่าเกอขับไหญ่ ดำบลขับไหญ่ อำเภอขับไหญ่ จังหวัดขัยภูมิ

กลับ	ชื่อ-นามสกุล	ตัวแหน่ง	พนัวยงาน/พี่อยู่	โทรศัพท์	ลายเข็น
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7	เหลื่อง ญาตรีตรีวี		345		and
10	ครั้ง ปราณีพพลกสัง		17 2.4		620
11	พลอม ประสบชิน		22 24 4		ITAF
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หมายเหตุ : การลงทะเบียนนี้เป็นการลงทะเบียนผู้เข้าร่วมประชุมเท่านั้นไม่ใช่การลงชื่อเพื่อให้การรับรองหรือเพิ่มขอบต่อไครงการแต่อย่างใด

ใบอาหะเบียน

การประชุมรับพีงความดิดเพิ่มโครงการโรงไฟฟ้าหลังงานอม ขัยภูมิ วินด์ฟาร์ม จังหวัดข้อภูมิ ของบริษัท ขัยภูมิ วินด์ฟาร์ม จำกัด

วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ ห้องประชุมที่ว่าการอำเภอขับใหญ่ คำบอขับไหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

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ตำตับ	ชื่อ-นามสกุล	พ้านหน่ง	หน่วยงาน/ที่อยู่	โหรศัพท์	ลายเช่น
1	นายณัฐวุฒิ วีระชุนย์	นายอำเภอขับใหญ่	ที่ว่าการอำเภอขับไหญ่		Freyd
2	นายชิสระ พรหมเตชบุญ	รู้อำนวยการ	สำนักงานหวัพยากรอรรมชาติและสิ่งแวดล้อม จังหวัดร้องนี้		
3	An Will William	นอก. ร้อหาง จัดงามเพาะ/	สำนักงานหวัดอากวอวรมชาติและสั่งแวดล้อม จังหวัดร้องนี้		Q6 AY
4	นายนวินทร์ สุวรรณไณ	พดังงานจังหวัดขัยภูมิ	สำนักงานหลังงานจังหวัดขัยภูมิ		an /
5	นายไหโรงน์ พละาด	เทษครอำเภอขับใหญ่	สำนักงานเทษตรอ่าเกอขับใหญ่		"n
6	นายชาติชาย พนิชีพ	นักวิชาการสาธารณสุษร่ำนาผู่การพิเศษ	สำนักงานสาธารณสุขย้านกยบ้าเหน็จณรงค์		(4444)
7	นายอนินพร์ มาตรสงคราม	นักวิชาการสาขารณสุขข้านาญการ	รพ.สต.บ้านโคกเพชร		SAF Ste
8	นายวันซีอ เกาะสูงเนิน	พัวหน้าฝ่ายนไยบายและแผน	สำนักงานอุตสาหกรรมจังหวัดีอภูมิ		
9	นาะสุพรรณมี สำขัยภูมิ	นักวิเคราะห์บไขบายและแดน	สำนักงานธุดสาหกรรมจังหรียภูมิ		
10	นายกวัน ใครพิพธ์	นักวิชาการสาธารณสุข	ไรสพยาบาลซับไพยู่		n.g_
11	אלואלי ארביבנפובריקטאווייאויי גוענעקאוויי וועידועניאוייא	ชอ์ จากราสิ่งสาวการ การสมองร์ร่า นักวิทยาศาสตร์การแพทย์	โรงพยาบาลขับไหญ่		วิตวรรณ ชิชามชาย
12	นางสาวเมตดา ยี่งขับภูมิ	รักษาการผู้อำนวยการ	าพ.สพ.บ้านบุณนวน		plannight env

หมายเหตุ : การลงหมะเบียนนี้เป็นการลงหมะเบียนลู่ไข้าร่ามประทุณเท่านั้นไม่ใช่การลงชี่ละพื่อให้การรับรองหรือเพิ่มขอบต่อไครงการแต่อย่างใด

ในอาหารเบียน

การประชุมวับฟังความคิดเห็นโครงการโรงไฟฟ้าพลังงานอม ขัญปี วินต์ฟาร์ม จึงหวัดขัยภูมิ ของปริษัท ขัยภูมิ วินต์ฟาร์ม จำกัด

วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอขับใหญ่ ดำบอขับใหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

hiliu	ชื่อ-นามสกุด	พ้าแหน่ง	พน่วยงาน/พี่อยู่	โทรศัพท์	สายเข็น
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หมายเหตุ : การลงละเบียนนี้เป็นการลงละเบียนผู้เข้าร่วมประชุมเล่านั้นไม่ใช่การลงชื่อเพื่อให้การรับรองหรือเพิ่มขอบต่อโครงการแต่อย่างโค

ใบลงหะเพื่อน

การประชุมวับพึงความติดเต็นโครงการโรงไฟฟ้าหอังงานชม ข้อภูมิ วินต์ท่าร์ม จังหวัดข้อภูมิ ของบริษัท ข้อภูมิ วินต์พ่าร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมพี่ว่าการอำเภอขับใหญ่ คำบอขับไหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

ต่ำตับ	ชื่อ-มาแตกูล	พ้าแหน่ง	พน่วยงาน/พี่อยู่	ไหรศัพท์	ลายเซ็น
1	นางสุปราณี สงคราม	รถนผู้อำนวยการ	โรงเรียนบ้านขันจะรัญสุข		Selmin.
2	นายวิทย์ กัญญาสุด	12	ไรงเรียนบ้านขับเจริญสุข		
3	นายสาวสมสร ดาวรถาย	ผู้ยำนวยการ	โรงเรียนบ้านวังคนทพ		
4		เส้นอาจาส	จังสัง พราม โฟสาร์) น่า		N24680
5	พระพาลา เพรองไม	BAFERO in AZ	รักมอนระ		NYABBO Law-
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หม่ายแหตุ : การลงหะเบือนนี้เป็นการลงหะเบือนผู้เข้าร่วมประชุมเท่านั้นไม่ใช่การลงชื่อเพื่อให้การรับรองหรือเพิ่มของพ่อไครงการแต่อย่างได

ใบอาหะเบียน

การประชุมรับพังครามคิดเห็นโครงการโรงไฟฟ้าหลังงานขม ข้อภูมิ วินด์ฟาร์ม จังหรัดข้อภูมิ ของบริษัท ข้อภูมิ วินด์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ ห้องประชุมที่ว่าการอำเภอขับใหญ่ ค่าบอขับใหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

สำคับ	ชื่อ-นานสกุล	ตำแหน่ง	พน่วยงาน/ที่อยู่	โพรศัพท์	ลายเซ็น
1	นายสุระ พึ่งใจ	นายกองค์การบริหารส่วนคำบอขับใหญ่	องค์การบริหารส่วนคำบลขับใหญ่		- Speli
2	นายบุญหลั่น แก้วดีไว	ประธานสภาองค์การบริหารส่วนด้านเสขับ โหญ่	องค์การบริหารส่วนคำบลขับไหญ่		d-
3	นายชัยพร กลิ่นจันหรั	รองนายกองค์การบริหารส่วนคำบล โคก เพรรทัฒนา	องที่การบริหารส่วนทำบลโคกเพรรพัฒนา		atumps)
4	นายมนตรี สติราญวัฒน์	ปสัดองศ์การบริหารส่วนด้ายสบ้านไว่	องค์การบริหารส่วนคำบอบ้านไว่		
5	นายโอฟาร เจริญรักไทย	สมาชิกสภาองค์การบริหารส่วนจังหวัดข้อภูมิ	องค์การบริหารส่วนจังหวัดข้อภูมิ		
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หมายแหตุ : การลงหละเบียนนี้เป็นการลงหละเบียนสู้เข้าร่ามประชุมเท่านั้นใบให้การองชื่อเพื่อให้การรับรองหรือเพิ่มขอบต่อไครจการแต่อย่างใด

ใบอาทะเบียน การประชุมวับฟังความคิดเห็นโครงการโรงไฟฟ้าพดังงานอม ชัยภูมิ วินค์ฟ่าร์ม จังหวัดชัยภูมิ ของบริษัท ชัยภูมิ วินค์ฟ่าร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมพี่ว่าการอำเภอขับไหญ่ ด้านอขับไหญ่ อำเภอขับใหญ่ จังหวัดข้อภูมิ

กลับ	ชื่อ-นามสกุด	ทำแหน่ง	หน่วยงาน/พี่อยู่	โทรศัพท์	ดายเข็น
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หมายเหตุ : การลงหะเบียนนี้เป็นการลงหะเบียนสูงข้าร่ามประชุมเท่านั้นในใช่การลงชื่อเพื่อให้การรับรองหรือเพิ่มขอบต่อไครงการแต่อย่างได

* * ***

ไมตะพะเบียน

การประชุมวับพังความศิตเพิ่มโครงการโรงไฟฟ้าพลังงานถม ขับภูมิ วินต์ฟาร์ม จึงพวัดขับภูมิ ของบริษัท ขับภูมิ วินต์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอขับไหญ่ ดำบอขับใหญ่ อำเภอขับไหญ่ จังหวัดข้อภูมิ

าดับ	ชื่อ-นามสกุล	สำนงหน่อ	พน่วยงาน/พี่อยู่	โทรศัพท์	อาธเชิน
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,	นาย เรือก พรน์วันไ		121/8 000000 - 20 2021 - H	6740)	Pan
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หมายเหตุ : การลงหะเบือนนี้เป็นการลงหะเบือนผู้เข้าร่วมประชุมเท่านั้นในใช่การลงชื่อเพื่อให้การรับรอกเรือเดินขอบต่อโครงการแต่อย่างใด

ใบลงทะเบียน

การประชุมรับพี่งความคิดเห็นโครงการโรงไฟฟ้าพลังงานอม ขับภูมิ วินต์ฟาร์ม จังหวัดชัยภูมิ ของบริษัท ชัยภูมิ วินต์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอขับไหญ่ ด้าบลขับใหญ่ อำเภอขับไหญ่ จังหวัดขับภูมิ

ลำตับ	ชื่อ-นามสกุล	ต่ำแหน่ง	หน่วยงาน/พี่อยู่	โพรศัพท์	ลายเข็น
1	นายคมกฤข ขึ้มเหรีญ	ผู้ข้านาญการสี่งแวดล้อม	บ.กวีนเนอร์ คอนซ้อแทนท์ จำกัด		Dien de
2	นาสมงลักษณ์ เพียงตาท์	นักวิทยาศาสตร์สิ่งแวดลัยมอาวุไส	น.กรีนเมอร์ คอนซัลเอกมพ์ จำกัด		osin me
3	นายามการ ปีแกรงองโ	WANNESWINESWIN	SGCO		Clury
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9	w all the summer	ร้องประเทศสารายร้อง			and
10	า.ส. อัรกลรมี เครื่อรู้	* พักว์ธาตาร์ส์ระเวลล์อ>			Ismarol
ft	นายชีรธรรณน์ ลังฉฤกษ์	จักริยา ทรด้อมรดอัลฟ			XN5 ON
12	หล่งการ ศรีชาพร์พรรับ	ที่รุงไฟซ์ของอนที่เหลียง			35

หมายเหตุ : การลงหละเบียนนี้เป็นการลงหละเบียนสูงข้าร่วมประชุณเท่านั้นไม่ใช่การลงซื่อเพื่อได้การรับรองหรือเพิ่มขอแต่อโครงการแต่อย่านัด



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ใบละหะะเบียน

การประชุมรับพีงความคิดเห็นโครงการโรงไฟฟ้าพดังงานอม ขัญมี วินค์ฟาร์ม จังหวัดขัญมี ของบริษัท ขัญมี วินต์ฟาร์ม จำกัด วันที่ 20 มิถุนายน 2557 เวลา 08.30-12.00 น.

ณ พ้องประชุมที่ว่าการอำเภอขับไหญ่ คำบลขับไหญ่ อำเภอขับไหญ่ จังหวัดขัยภูมิ

สำคับ	ชื่อ-นามสกุล	ต่ำแหน่ง	. พม่วยงาน/พื่อยู่	ไหรศัพท์	ลายเข็น
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หมายเหตุ : การลงหมะเบียนนี้เป็นการลงหะเบียนผู้เข้าร่วมประชุมเท่านั้นไม่ใช่การลงชื่อเพื่อให้การรับรองหรือเพิ่มขอบต่อใครงการแต่อย่างใด

LAND CONSENT AGREEMENT WITH BENEFICIARIES

(This information has been removed as it falls within the exceptions to disclosure specified in para 97(x) of ADB's Public Communications Policy (2011))