

THE GOVERNMENT OF THE UNION OF MYANMAR
MYANMA ELECTRIC POWER ENTERPRISE

Letter No. 1468 /Sa Ma Ya (3) /2002
 Dated. the 11th December, 2002

OUR FAX : 095-1-221006

Attention : Mr. Akio Katayama
 Team Leader
 JICA Study Team

Subject : Concurrence on the site selection of Zi Chaung for
 Monitoring
 (Study on Introduction of Renewable Energies in Rural
 Arcas in Myanmar)

Reference : Your Letter No. LLE-02-11 dated 4 December 2002

Dear Sir,

With reference to the captioned subject, we would like to inform you of our concurrence for the monitoring of Zi Chaung Hydropower Station to prepare Operation and Maintenance Manual.

Best Regards,



for Managing Director

(Soe Myint Lwin-Deputy Chief Engineer.)

Received by

A. Katayama
 11 Dec. 2002

Copy to: Managing Director's Office

Address:
 197 - 199, Lower Kemmendine Road,
 Ahlone P. O.
 Yangon - Myanmar.

Cable / Telegram:
 E S B U B
 Yangon - 100 -

Telex:
 21306
 MEPEUM BM

Telephone:
 222866

THE GOVERNMENT OF THE UNION OF MYANMAR
 MYANMA ELECTRIC POWER ENTERPRISE

Letter No. 1525 /Sa Ma Ya (3)/2002
 Dated. the 31st December, 2002

OUR FAX : 095-1-221006

Attention : Mr. Akio Katayama
 Team Leader
 JICA Study Team

Subject : Study on Introduction of Renewable Energies in Rural Areas in Myanmar
 List of Meters and Tools for Monitoring

Reference : Your Letter No. LLE-02-12 dt: Dec-6,2002

Dear Sir,

We would like to inform you that your proposed attached list of electrical tools and Instruments for monitoring by your above reference letter is agreeable to us.

Best Regards,



for Managing Director

(Soe Myint Lwin- Deputy Chief Engineer)

Address:
 197 - 199, Lower Kemmendine Road,
 Ahlone P. O.
 Yangon - Myanmar.

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 Yangon

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Telephone:
 222866

MINUTES OF MEETING
FOR THE STUDY ON INTRODUCTION OF RENEWABLE ENERGIES IN RURAL
AREAS IN MYANMAR

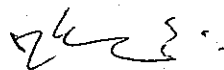
On June 24, 2003, the JICA Study Team headed by Akio Katayama for the technical cooperation on "Introduction of Renewable Energies in Rural Areas in Myanmar" held a joint meeting to present the Study results conducted so far, especially the contents of Manual.

The MEPE counterpart team headed by Dr. Sann Oo, Managing Director of MEPE, who opened the meeting, appreciated the monitoring and technology transfer made at Zi Chaung power station and Study results.

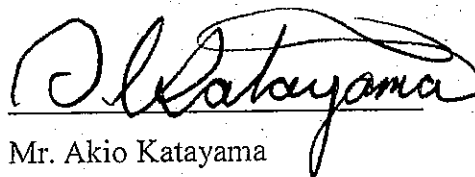
The Study team announced the final workshop is scheduled on the 5th of August. MEPE counterpart team acknowledged it.

MEPE counterpart team and the JICA Study team present this Minutes of Meeting in good faith.

YANGON, June 26, 2003



U Ye Win
Superintendent Engineer, MEPE



Mr. Akio Katayama
Team Leader, JICA Study Team

MINUTES OF MEETING
FOR THE STUDY ON INTRODUCTION OF RENEWABLE ENERGIES IN RURAL
AREAS IN MYANMAR

On August 5, 2003, the JICA Study Team headed by Akio Katayama for the technical cooperation on "Introduction of Renewable Energies in Rural Areas in Myanmar" held a final seminar to present the Study results in line with the Draft Final Report as per the Agenda attached to invite questions and comments.

The Myanmar counterpart team headed by Dr. Thein Tun, Director General of the Ministry of Electric Power and Dr. Sann Oo, Managing Director of MEPE, who opened the meeting, appreciated the Study including the Guideline and the Manual.

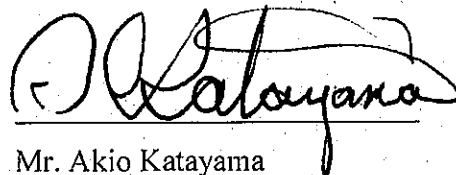
In light of the Guideline and the Manual, new organizational section to take initiative for Rural Electrification will be established within the organizational structure of MEPE after 2004 when the Grid generation capacity will be significantly reinforced. Comments to the Draft Final Report by Myanmar counterpart will be provided to the Study team through JICA Yangon office by August 20th.

MEPE counterpart team and the JICA Study team present this Minutes of Meeting in good faith.

YANGON, August 6, 2003



Dr. Sann Oo
Managing Director, MEPE



Mr. Akio Katayama
Team Leader, JICA Study Team

Final Workshop

For The Study on Introduction of Renewable Energies in Rural Areas in Myanmar

Date 5th, August 2003

Place: Mindon Room, 2F, Sedona Hotel, Yangon

TIME: 9:30-16:00

9:30

Registration and Delivery of Materials

10:00

Opening Address

Dr. Thein Tun, Director General, DEP

Dr. Sann Oo, Managing Director, MEPE

Mr. Yasushi Iwata, Embassy of Japan, Yangon

Mr. Takahiro Sasaki, Resident Representative, JICA Technical Cooperation Section, EOJ

10:20

Introduction of Experts for Rural Electrification

Study Outline by Katayama incl. Q&A 10:20-11:20

11:20

Guidelines

Institutional Aspects by Harris incl. Q&A 11:20-11:40

Social and Financial Aspects by Yamaguchi incl. Q&A 11:40-12:00

12:00-13:30 Lunch Break at SEC, 11F, Sedona Hotel

13:30

Manuals

Outline of Manuals by Katayama incl. Q&A 13:30-13:45

Monitoring and Manual of Waterway by Hane incl. Q&A 13:45-14:00

Visual Guide by Katayama incl. experience of Myanmar expert and Q&A 14:00-14:45

Coffee Break 14:45-15:00

Development Projects by Katayama & Nakagawa incl. Q&A 15:00-15:40

Database by Nakagawa incl. Q&A 15:40-15:55

15:55

Closing Address by Katayama

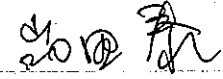
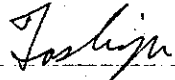
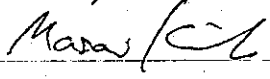
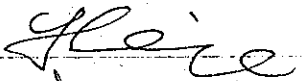
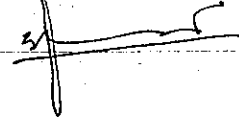
Study on Introduction of
Renewable Energies
in Rural Areas in
MYANMAR


✿ WORKSHOP ATTENDANCE LIST ✿

Date 05 Augst 2003

Place : Mindon Room, Sedona Hotel, Yangon

Subject : Final Workshop for the Study on Introduction of Renewable Energies in Rural Areas in Myanmar

No.	Name	Title	Signature
1	Mr. Yasushi Iwata	First Secretary, EOJ	
2	Mr. Takahiro Sasaki	Resident Rep. JICA	
3	Mr. Sato	Assistant Resident Rep. JICA	
4	Mr. Kido	JICA, Tokyo	
5	Mr. Kamiya	MD, Nippon Koei	
6	U Khun Kyaw		
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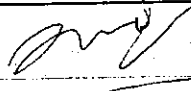
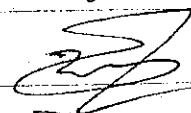

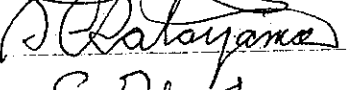
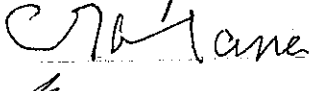
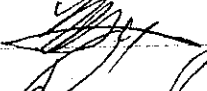
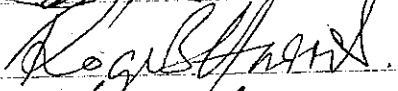
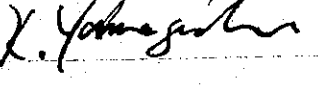

**Study on Introduction of
Renewable Energies
in Rural Areas in
MYANMAR**


WORKSHOP ATTENDANCE LIST


Date 05 Augst 2003

Place : Mindon Room, Sedona Hotel, Yangon

Subject : Final Workshop for the Study on Introduction of Renewable Energies in Rural Areas in Myanmar

No.	Name	Title	Signature
1	U Saw Win	Dy DG	
2	U Soe Myint Lwin	Dy CE	
3	U Maung Maung Than	Program Officer	
4	Mr. A Katayama	Team leader, JICA Study Team	
5	Mr. G Hane	Nippon Koei	
6	Mr. R. Sudo	"	
7	Mr. R Harris	"	
8	Mr. Yamaguchi		
9	Ms. Yuka Nakagawa		
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Study on Introduction of
Renewable Energies
in Rural Areas in
MYANMAR



WORKSHOP ATTENDANCE LIST

Date 05 Augst 2003Place : Mindon Room, Sedona Hotel, YangonSubject : Final Workshop for the Study on Introduction of Renewable Energies in Rural Areas in Myanmar

No.	Name	Title	Signature
1	DR. THEIN TUN	Director General, D.E.P	
2	DR. SANN Oo	Managing Director	
3	U TIN Aung	Chief Engineer	
4	U Tin Co	C.I.C	
5	Daw San Keywe	staff officer, DHP	
6	Daw Thida Sunn	Staff Officer, DHP	
7	Daw Saw Ohmar Har	" , DHP.	
8	Daw Saw Ohmar Har		
9	May Phyu Win	Secretary, JICA Study Team	
10	Moe Shwe Sym Nang	Secretary, NK, Yon	
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Study on Introduction of
Renewable Energies
in Rural Areas in
MYANMAR

WORKSHOP ATTENDANCE LIST

Date : 05 Augst 2003

Place : Mindon Room, Sedona Hotel, Yangon

Subject : Final Workshop for the Study on Introduction of Renewable Energies in Rural Areas in Myanmar

No.	Name	Title	Signature
1	Daw Wai Wai Myint	S.A.E	
2	Daw THIDA HTUN	S.A.E	
3	U SOE WIN	EXECUTIVE ENGINEER	
4	H Kyaw Tin	Director	
5	U Myo Aung	E.E	
6	U Cho Aye	Asst. CE	
7	U Kyaw Zay Ya	Glougaard	
8	U Thein Naing Tun	FALAM	
9	U. Myint Swe	HAKHA	
10	U MAW SI THA	NAM MOP	
11	U Soe Tin	A.E.E - M.E.P.E	
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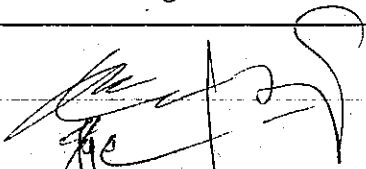
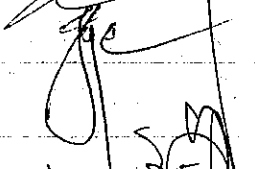
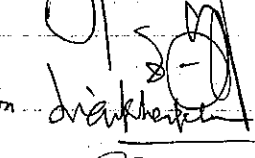
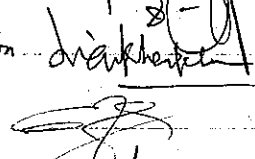
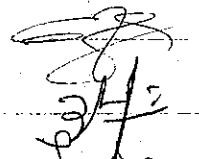
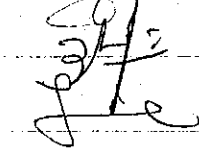
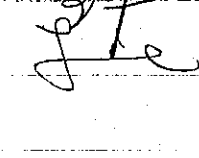
**Study on Introduction of
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MYANMAR**

WORKSHOP ATTENDANCE LIST

Date 05 Augst 2003

Place : Mindon Room, Sedona Hotel, Yangon

Subject : Final Workshop for the Study on Introduction of Renewable Energies in Rural Areas in Myanmar

No.	Name	Title	Signature
1	U Tin Hla	E.E. (A) Planning	
2	U Kyaw Khin Tin	DEF Zaukyi I HPS	
3	U Tin Myo Thant	Nam Han. HRA H.P.S.	
4	U LIAN KHAN KHAM	ZALU Hydro power station	
5	U Romas	CHINKHRA KHA H.P.S	
6	U Khin Thio	HA KHA	
7	U KANAYA	Nippon Koei	
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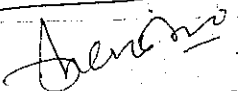

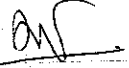
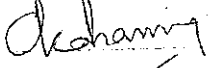
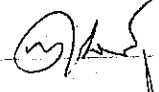
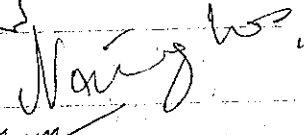


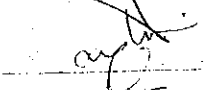
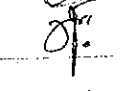

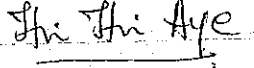
Study on Introduction of
Renewable Energies
in Rural Areas in
MYANMAR

WORKSHOP ATTENDANCE LIST

Date 05 Augst 2003

Place : Mindon Room, Sedona Hotel, Yangon

Subject : Final Workshop for the Study on Introduction of Renewable Energies in Rural Areas in Myanmar

No.	Name	Title	Signature
1	U Aung Thit	Ka la y myo	
2	U Thein Tun.	Work Shop. AE	
3	U TAR TAR	ZEE CHANG. AE	
4	U TUN CHIT	Sedaw gyi P.S	
5	U KO KO NANG	NAM SAUNG GAWNG KYAUK ME (AG)	
6	U Kyi Lin	Chi Chang	
7	U Nang Wz.	S.E	
8	U Tun Nang	Deputy Director	
9	U MYINT OO	A. D	
10	U BA Ngwe	SE	
11	U Aung Tun	A.E	
12	U Khine Min Wai	AE	
13	Daw Hnin Hnin Aye	EE. Planning Dept.	
14			
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Additional Discussion for the Workshop on Introduction of Renewable Energies in Rural Areas in Myanmar, 5th August 2003.

Date: 6~7th August 2003

Place: LDC Room, MEPE

Contents: Principals and operation and maintenance of equipments for

- Generator
- Governor
- Excitor

Seminar on electric equipments was held in response to the request in the Workshop on 5th August 2003. It was to provide basic knowledge of principal of electric equipment and know-how of its operation and maintenance to the engineers from hydro power stations in various places in Myanmar.

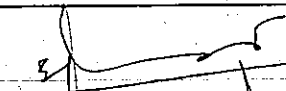
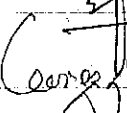

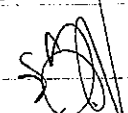


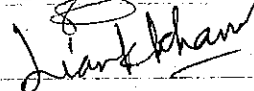

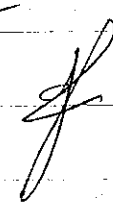
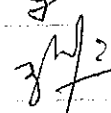

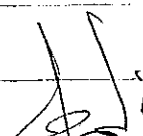
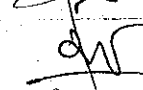

Study on Introduction of
Renewable Energies
in Rural Areas in
MYANMAR

WORKSHOP ATTENDANCE LIST

Date 06-07 Augst 2003

Place : LDC Room, MEPE

Subject : Additional Discussion and Q&A for the Workshop in 5th August 2003

No.	Name	Title	Signature
1	U KHUN KYAW	Shan. Hydro Eng.	
2	U MAW SI TUN	NAM WOP Hydro Stal	
3	U Aung Thit	Zi Chaung P.S	
4	U Tin Myo Thant	Nam Kbar. Kba H.P.S	
5	U Kyaw Zay Ya	Glaing Chaung	
6	U RO MAS	CHyan Hkranj HKA	
7	U LIAN KHEN KHAM	Zakui Hydro power station	
8	U Tin Oa	Twei Sacum Power Station	
9	U Myint Swe	Dauing VA Station	
10	U Khua Thio	Lai Va station	
11	U KO KO NAING	Nam Saung Naung Power	
12		Station, Kyaukse, North-	
13		ern Shan State.	
14	U SOE TIN	Nam Myaw, Hydro. L.S.O	
15	U TUN CHIT	Sedawgi-P.S.	

Study on Introduction of
Renewable Energies
in Rural Areas in
MYANMAR



WORKSHOP ATTENDANCE LIST

Date 06-07 Augst 2003Place : LDC Room, MEPESubject : Additional Discussion and Q&A for the Workshop in 5th August 2003

No.	Name	Title	Signature
16	X U Kyaw Khaing Tun	Zaw Gyi I HPS. South ⁿ Shan St.	
17	Z U Thet Naing Tun	Falam - CHIN state	
18	X U NAING WIN	S. E	
19	X U BANgaw	SE	
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THE GOVERNMENT OF THE UNION OF MYANMAR
MYANMA ELECTRIC POWER ENTERPRISE

Letter No. /
Dated.

To Mr. Akio KATAYAMA
Team Leader, JICA Study Team, Tokyo
Fax: ++81-3-5276-3082


via Mr. Takahiro SASAKI
Resident Representative of JICA, Yangon
Fax: 255477

Subject: Draft Final Report
The Study on Introduction of Renewable Energies in Rural Areas in Myanmar

Dear Sir,

Please be informed that MEPE has no comment on the Draft Final Report. You are requested to proceed with finalization of the Report and submit to us in the near future.

Very truly yours,


Dr. Sam Oo
Managing Director
Myanma Electric Power Enterprise

Address:
197 - 199, Lower Kemmendinge Road,
Ablone P. O.
Yangon - Myanmar.

Cable / Telegram:
E S B U B
Yangon

Telex:
21306
MEPEUM BM

Telephone:
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