

Declassified E.O. 12356 Section 3.3/NND No. 785016

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Declassified E.O. 12356 Section 3.3/NND No. 785016

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34.41- Electric Power Meetings
November 1943 - March 1944

HQ AAI (ADM ECHelon)
LOCAL RESOURCES SECTION
C.M.F.

REF:- 8/2/LR

21 MARCH 1944

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

1. The fifth meeting of the Electric Power Committee was held at 09.30 hours, 21 March 44 in the Conference Room at HQ AAI (Adm Ech).

Present:- Brigadier D.L. Anderson, DDW. - Chairman

Representatives of:-

CE, FES.
DDW (HQ AAI - ADM ECH)
CE, NO.2 DISTRICT.
CE, NO.3 DISTRICT.
AAFSC/MTO
ACC

In Attendance:-

Vice-Chairman (Br) - Allied Force Local Resources
(Italian) Board

2. The minutes of the last meeting held on 22 FEB 44 were approved.
3. No matters arose for discussion out of the meeting of the Board held on 13 March 44.
4. A memorandum from AAI Central Electrical Board notifying increase in the available electric power was received and noted (Appendix "B" to Agenda of 15 March 44).
5. Applications for revised allocations for electric power were received and it was decided to make the following increases:-

Kilowatts x 10³

No.2 District
No.3 District
P 3 S

3983

CE, NO.3 DISTRICT.

AMFSC/MTO

ACC

In Attendance:-

Vice-Chairman (Dr) - Allied Force Local Resources
(Italian) Board

2. The minutes of the last meeting held on 22 FEB 44 were approved.
3. No matters arose for discussion out of the meeting of the Board held on 13 March 44.

4. A memorandum from AAI Central Electrical Board notifying increase in the available electric power was received and noted (Appendix "B" to Agenda of 15 March 44).

5. Applications for revised allocations for electric power were received and it was decided to make the following increases:-

	Kilowatts x 10 ³	
No.2 District	4	3983
No.3 District	1.1	
P B S	0.6	

34,41

All these increases being subject to scrutiny at the next meeting, the Committee instructed that each of these three consumers, in particular No.2 District, should make every endeavour to reduce their present consumption. A revised list of allotment of electric power for APRIL 1944 is attached as Appendix "A."

6. A request from HQ ACC for the allocation of 90,000,000 to 100,000,000 KWH per annum to the Montecatini plant for the production of ammonia sulphate was not considered because ACC representative stated that the plant would not be ready for operation for some considerable time.

7. In reply to letter 1459/Q of 3 March 44 from HQ, No.2 District, it was decided to transfer the responsibility of the control of the Calabria Company from No.2 District to ACC. ACC expressed willingness to accept responsibility for control of this Company.

8. In response to a query raised by HQ, No.2 District, in regard to allocations of power to various companies, it was stated that the figures are for delivered loads from the SME Grid and not generated power. When power stations have their own distribution stations which are not part of the SME grid, their output is not included in the allocations mentioned above, but is an additional amount available to the Company.

S./

- 2 -

9. It was recommended to the Board that a member from the Central Electrical Board be elected to membership of the Committee.

10. As a result of over-loading of the power lines in many areas, ACC has undertaken to investigate power users and eliminate sufficient non-essential users to reduce requirements to come within allocations previously made. ACC have agreed to submit a report at the next meeting and each subsequent meeting of non-essential users who have been eliminated. ACC informed the Committee that a governmental decree is being issued on THURSDAY, 23 MARCH 44, giving the power companies authority to cut off supply of electric power to users who overdraw their allocations or who are considered to be non-essential. ACC representative promised a visible reduction in power consumption within the next four weeks.

11. In reply to a report from CE, No.2 District, that the San Severo railway had reverted to electric operation, DEW undertook to investigate the reasons for the use of this power.

12. The sixth meeting will be held at 09.30 hours on TUESDAY, 18 APRIL 44, in the Conference Room, HQ AAI (Adm Ech).

J.C. Ramsden
J.C. RAMSDEN
Major

S.J.B. Loudon
S.J.B. LOUDON
Captain
Joint Secretary (Am) Joint Secretary (Br)
Allied Force Local Resources (Italian) Board

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35	FA (Dr)
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38	CE, No.2 District.
39	CE, No.3 District.
40	DPA, FES.
41	ADW (Works)
42/51	Local Resources Section
52	AFIR (Sicilian) Board
53	AFIR (Sardinian) Board
54	AFI Central Electrical Board
55	File
56/70	Spares

APPENDIX "A"APPENDIX "A"

Appendix "A" to Minutes of
Electric Power Committee
Meeting - 21 March 44

ALLOTMENT OF ELECTRIC POWER - APRIL 1944

<u>150 KV & Interconnected Systems</u>	<u>Responsibility Of</u>	<u>Maximum Permitted KW x 10³</u>
Apulia Co	2 DISTRICT	38.0
Naples District	P B S	27.2
Campania Co:		
(i) Pomigliano	3 DISTRICT	3.0
(ii) Salerno Torre Cast.	3 DISTRICT	11.1
(iii) S. Maria	P B S	3.6
Lucania Co.	2 DISTRICT	5.0
	TOTAL	<u>87.9</u>
Calabria 60 KV System:		
Calabria Co.	A C C	<u>11.0</u>
	TOTAL	<u>11.0</u>
Railways:		
Naples Area	DGMRS	1.8
Foggia Benevento	"	6.0
Salerno - Torre	"	2.0
Calabria Railway	"	3.0
	TOTAL	<u>12.8</u>
	GRAND TOTAL	<u>111.7</u>
		111.7 3982

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23 MARCH 44WGM

AFHQ ADV ADM ECHELON
LOCAL RESOURCES SECTION
C.M.F.

COPY NO.

REF:- 3/2/LR

22 FEBRUARY 1944

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

1. The fourth meeting of the Electric Power Committee was held at 09.30 hours, 22 February 1944, in the Conference Room at AFHQ Adv Adm Echelon.

Present:- Brigadier D.L. Anderson, DDW. - Chairman

Representatives of:-

CE, PBS.
CE, NO.2 DISTRICT.
CE, NO.3 DISTRICT.
RN (FOWIT)
AAFSC/MTO
ACC

In attendance:-

Vice-Chairman (Am) (Allied Force Local Resources
Vice-Chairman (Br) (Italian) Board

2. The Minutes of the last meeting held on 1 FEB 44 were accepted by the Committee.
3. In view of Administrative Instruction No.27, dated 8 FEB 44, establishing A.C.M.F. Central Electrical Board, the Committee decided to abolish the Executive and Technical Sub-Committee established at the meeting of 5 JAN 44. The Committee recorded their appreciation of the excellent work performed by the Executive and Technical Sub-Committee.
4. CE, No.2 District, reported that the 6,000 Kilowatts required by DGMR at Foggia were now available.
5. CE, PBS, agreed to a representative of the Royal Navy being included in the Committee established by PBS for the allocation of power within the Base Section.

In attendance:-

Vice-Chairman (Am) (Allied Force Local Resources)
 Vice-Chairman (Br) ((Italian) Board

2. The Minutes of the last meeting held on 1 FEB 44 were accepted by the Committee.
3. In view of Administrative Instruction No.27, dated 8 FEB 44, establishing A.C.M.F. Central Electrical Board, the Committee decided to abolish the Executive and Technical Sub-Committee established at the meeting of 5 JAN 44. The Committee recorded their appreciation of the excellent work performed by the Executive and Technical Sub-Committee.
4. CE, No.2 District, reported that the 6,000 Kilowatts required by DGMF at Foggia were now available.
5. CE, PBS, agreed to a representative of the Royal Navy being included in the Committee established by PBS for the allocation of power within the Base Section.
6. Matters arising out of the meeting of the Board held on the 21 FEB 44 were considered. 3981

It was noted that "Q" Branch, AFHQ Adv Adm Ech were undertaking to investigate whether steps had been taken to ensure that the control of electric power remains with the military when territories are returned to the jurisdiction of the Italian Government.

7. The allocations of Electric Power made at the last meeting (1 FEB 44) were reviewed and applications for revised allocations were received.

The following changes were recommended to the allotment of Electric Power issued with AFHQ Adv Adm Ech letter 59/8/Q2, dated 4 FEB 44:-

LUCANIA Co. to be the responsibility of No.2 District.

POMIGLIANO - KW x 10³ to be increased from 2.0 to 3.0
 KWH x 10⁶ to be increased from 1.0 to 1.2

NAPLES DISTRICT - KW x 10³ to be reduced from 28.2 to 27.2
 KWH x 10⁶ to be reduced from 16.8 to 16.6

(The changes in Pomigliano and Naples District allocation being caused by the request for power for the Hemp Industry).

- 2 -

8. The Vice-Chairman of the Central Electrical Board gave a brief report on the activities of the Central Electrical Board to date. There was no discussion.

9. The fifth meeting will be held at 09.30 hours on TUESDAY, 21 MARCH 1944, in the Conference Room, AFHQ Adv Adm Echelon.

J.C. Ramsden
J.C. RAMSDEN
Major
Joint Secretary (Am)
Allied Force Local Resources (Italian) Board

S.J.B. Loudon
S.J.B. LOUDON
Captain
Joint Secretary (Br)

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54/65	Spares

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AFHQ ADV. ADM. ECHELON
LOCAL RESOURCES SECTION
C.M.F.

REF:- 7/2/IR
8/2/IR

16 FEBRUARY 1944

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE
ELECTRIC POWER COMMITTEE

1. The sixth meeting of the Engineering Materials Committee will be held in the Conference Room, AFHQ Adv. Adm. Ech. at 09.30 hours, 7 MARCH 1944, and not 9 March 1944 as notified in the minutes of the meeting of the 11 February 1944.
2. The fourth meeting of the Electric Power Committee will be held at 09.30 hours TUESDAY, 22 FEBRUARY 1944.

John R. Gibson

THOMAS R. GIBSON
LT. COL. AUS
VICE-CHAIRMAN (AM)
ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

J. L. PRESCOTT
LT. COL. AQMG
VICE-CHAIRMAN (BR)

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13	CG, PBS.

THOMAS R. GIBSON J.L. PRESCOTT
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 DQMG
 Q-1
 Q-2
 HQ, AFLRS, AFHQ.
 DDW (Br)
 DDME
 DQMR
 DDOS
 DDIn (Br)
 CE, FBS.
 CE, No.2 District.
 BPA, FBS.
 ADW (Stores)
 Local Resources Section
 AFLR (Sicilian) Board
 AFLR (Sardinian) Board
 Files
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LOCAL RESOURCES SECTION
C.M.F.

COPY NO. 142

REF:- 8/2/LR

15 FEBRUARY 1944

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - AGENDA

The fourth meeting of the Electric Power Committee will be held in the Conference Room of this Headquarters on TUESDAY, 22 FEBRUARY 1944, to consider the following Agenda:-

1. Minutes of the previous meeting (1 February 1944).
2. To consider anything arising out of the meeting of the Board held on 21 February 1944.
3. To review the schedule of allocations of Electric Power and to receive applications for revised allocations.
4. Any other business.
5. To fix a date for the next meeting.

THOMAS R. GIBSON	J.L. PRESCOTT
LT.COL. AUS	LT.COL. AQMG
VICE-CHAIRMAN (AM)	VICE-CHAIRMAN (BR)
ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD	

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2. To consider anything arising out of the meeting of the Board held on 21 February 1944.

3. To review the schedule of allocations of Electric Power and to receive applications for revised allocations.

4. Any other business.

5. To fix a date for the next meeting.

THOMAS R. GIBSON J.L. PRESCOTT
LT.COL. AUS LT.COL. AQMG
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ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

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9/10 AAFSC/MTO
11/12 214 Gp. RAF
13/15 ACC
16 DQMG
17 DDM (Br)
18 DDMG
19/20 DDMR
21 CE, PBS.
22 CE, No.2 District.
23/32 Local Resources Section
33 AFLR (Sicilian) Board
34 AFLR (Sardinian) Board
35 File
36/41 Spares
42/43 RGS (Adv)

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COPY NO. 65

AFHQ ADV. ADM. ECHELON
LOCAL RESOURCES SECTION
C.M.F.

REF:- 8/2/LR

1 FEBRUARY 1944

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

1. The third meeting of the Electric Power Committee was held at 09.30 hours, 1 February 1944, in the Conference Room at AFHQ Adv. Adm. Ech.

Present:- Brigadier A.C. Baillie (Chairman)

Representatives of:-

- D.D.W.
- C.E., P.B.S.
- C.E., No.2 District.
- AAPSC/MTD
- C.E., No.3 District.
- D.G.M.R. (Including Tn., Br.)
- R.E.M.E.
- M.G.S. (Adv)
- A.C.C.

In attendance:-

- Vice-Chairman (Am) (Allied Force Local Resources
- Vice-Chairman (Br) ((Italian) Board

2. The Minutes of the last meeting, on 5 January 1944, were accepted by the Committee.

3. Matters arising out of the meetings of the Board held on 17 January 1944 and 31 January 1944 were considered and the schedule of allocations referred to in the first paragraph of the draft instruction prepared by the Works Directorate dated 27 January 1944, was passed to a Sub-Committee consisting of:-

978

Representatives of:-

D.D.W.
C.E., P.B.S.
C.E., No.2 District.
AAFSC/ATO
C.E., No.3 District.
D.G.M.R. (Including Tn., Br.)
R.E.M.E.
M.G.S. (Adv)
A.C.C.

In attendance:-

Vice-Chairman (Am) (Allied Force Local Resources)
Vice-Chairman (Br) (Italian) Board

2. The Minutes of the last meeting, on 5 January 1944, were accepted by the Committee.

3. Matters arising out of the meetings of the Board held on 17 January 1944 and 31 January 1944 were considered and the schedule of allocations referred to in the first paragraph of the draft instruction prepared by the Works Directorate **978** dated 27 January 1944, was passed to a Sub-Committee consisting of:-

Chairman: D.D.W.

Members: No.2 District
No.3 District
P.B.S.

with instructions to study the boundary complications caused by the schedule submitted to the Committee and, within 48 hours, to notify the Chairman in order that the necessary allocations could be issued in the name of the Committee.

4. A report was received from the Executive and Technical Sub-Committee established to ensure the supply of power to Rome (attached at Appendix "A") and accepted by the Committee.

5. In view of the decision of the Board at the meeting on 31 January 1944, when the allocation of power within a District or Base Section was declared the responsibility of the District or Base Section Commander, the action necessary for the provision of 6,000 kilowatts at Foggia was decided to be the responsibility of No.2 District Commander.

6. A report was received from A.C.C. on the Possibilities of repairing the equipment at Sila (Appendix "B").

7. No reports were received from members of the average power consumption of factories operated by or for them. Regarding the submission of demands for power, the following points were brought out:-

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- (a) Service requirements were to be submitted direct to District or Base Section Commanders.
 - (b) Civilian requirements were to be consolidated and screened by A.C.C. before submission to Commanders.
 - (c) Requirements for factories operating less than 100% for the military were to be submitted through A.C.C. Evidence of military contracts placed will assist in the establishment of priorities.
8. The schedule of allocations referred to in para. 5 above will be reviewed monthly by the Committee and should Commanders find that the allocation of power made to them is insufficient to meet their essential requirements, application is to be made by them to the Electric Power Committee for a revised allocation.
9. The Committee recommended to the Board that the control of electric power must remain with the military when territories are returned to the jurisdiction of the Italian Government.
10. A letter, R 2657/Q of 23 January 1944, from 8th Army regarding overloading in the San Severo and Apricena districts, was received and the Chairman undertook to submit a draft reply on behalf of the Committee to "Q" Branch, AFHQ Adv. Adm. Ech.
11. It was recommended to the Board that Ground Forces Engineers should be represented on Aerodrome Siting Boards, as the siting of aerodromes has hitherto, on several occasions, interfered with existing power lines.
12. The request from the Miscellaneous Purposes Committee for the supply of power for hemp manufacturing was received and it was decided that when A.C.C. presents specific requirements a special allocation will be made to Districts or Base Sections, if necessary.
13. The Committee increased the allocation to No. 2 District for Calabria by an amount sufficient to permit of 1,300,000 KWH being consumed during March by the industrial gas producing plant at Crotone.
14. The Electric Power Committee decided that it would make special allocations to meet specific military requirements when necessary. The bulk allocations to the District or Base Section concerned will give details of any such special allocation.
15. The fourth meeting will be held at 09.30 hours on TUESDAY, 22 FEBRUARY 1944, in the Conference Room, AFHQ Adv. Adm. Ech.

the Italian Government.

10. A letter, R 2657/Q of 29 January 1944, from 8th Army regarding overloading in the San Severo and Apricena districts, was received and the Chairman undertook to submit a draft reply on behalf of the Committee to "Q" Branch, AFHQ Adv. Adm. Ech.

11. It was recommended to the Board that Ground Forces Engineers should be represented on Aerodrome Siting Boards, as the siting of aerodromes has hitherto, on several occasions, interfered with existing power lines.

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14. The Electric Power Committee decided that it would make special allocations to meet specific military requirements when necessary. The bulk allocations to the District or Base Section concerned will give details of any such special allocation.

15. The fourth meeting will be held at 09.30 hours on TUESDAY, 22 FEBRUARY 1944, in the Conference Room, AFHQ Adv. Adm. Ech.

[Signature]
R.C. RAMSDEN

MAJOR

[Signature]
S.J.B. LOUDEN

CAPTAIN

JOINT SECRETARY (AM) JOINT SECRETARY (RR)
ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

P/L/WGN

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6	C.E., P.B.S.
7/11	Flag Officer, Western Italy.
12/13	M.G.S. (Adv)
14/17	A.A.F.S.C./M.T.O.
18/19	R.A.F., 214 Gp.
20/21	D.G.M.R.
22	R.E.M.E.
23/24	H.Q., A.C.C.
25/28	H.Q., A.F.L.R.S., A.F.H.Q.
29	A.F.L.R. (Sicilian) Board
30	A.F.L.R. (Sardinian) Board
31	C.G., P.B.S.
32	DD/CAO
33	Q.1
34	Q.2
35	H.P.A., P.B.S.
36	A.D.W. (Works)
37	D.Q.M.G.
38/47	Local Resources Section
48/49	H.Q., No.3 District.
50	File
51/70	Spares

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APPENDIX "A"

MEMORANDUM FOR THE ELECTRIC POWER COMMITTEE

SUBJECT: POWER SUPPLY FOR ROME

1. The first electric power in Rome will be that generated by portable generating sets belonging to various organizations of the Army. The power so generated will be used exclusively by the Army.
2. The next power available in Rome will be generated by two or three small diesel electric generating sets which have been discovered in the Naples and Bari areas. These sets will be mounted on an L.C.T. and will be taken from Naples to Rome by water. The L.C.T. will move up the Tiber river to the site of a steam plant and will be anchored there. The known available diesel/electric generating sets available for this purpose have a total capacity of between 500 and 600 kilowatts. This power should be available in Rome within a very brief period after occupation by Allied Forces.
3. The next addition to the power supply at Rome will be transmitted from the Capuauna steam plant in Naples over a 60 KV transmission line from Naples to Minturno and over a single transmission line, belonging to the State Railways, from Minturno to Rome. It is proposed to rehabilitate this line as promptly as it is in Allied control. The time required for rehabilitation depends on several factors, among which is the amount of damage done by the enemy. Operating at 60 KV, this line will deliver between 5,000 and 7,000 kilowatts of power in Rome. This power would be put on the 9 KV distribution circuits.
4. The next addition to the power supply for Rome will come from the installation of two 60 KV - 150 KV transformers in a temporary sub-station at Minturno and the installation of two 150 KV - 9 KV transformers in Rome. These transformers are now located in Southern Italy and must be disassembled for transport. This will permit operating the State Railway transmission line from Minturno to Rome at a nominal 150 KV and will permit the delivery of 10,000 to 15,000 kilowatts in Rome, where it would be available on the 9 KV distribution circuits.
5. An additional supply of power can be delivered in Rome by installing a synchronous condenser (which is available in Allied Italy) at the Rome end of the transmission lines. This will permit the delivery of a total of from 13,000 to 18,000 kilowatts in Rome.

THE UNIVERSITY OF CHICAGO

4. The next addition to the power supply for Rome will come from the installation of two 60 KV - 150 KV transformers in a temporary sub-station at Minturno and the installation of two 150 KV - 9 KV transformers in Rome. These transformers are now located in Southern Italy and must be disassembled for transport. This will permit operating the State Railway transmission line from Minturno to Rome at a nominal 150 KV and will permit the delivery of 10,000 to 15,000 kilowatts in Rome, where it would be available on the 9 KV distribution circuits.

5. An additional supply of power can be delivered in Rome by installing a synchronous condenser (which is available in Allied Italy) at the Rome end of the transmission lines. This will permit the delivery of a total of from 13,000 to 18,000 kilowatts in Rome.

6. If additional transformer capacity can be discovered to augment the transferers now planned for installation in the temporary sub-station at Winturne, an additional amount of power up to a total of 25,000 kilowatts can be delivered to Rome.

7. Further supply of power to Rome will depend on the damage to hydroelectric generating stations at Tivoli and Terni and the transmission lines connecting these generating stations to the Rome area.

JAMES P. GROWDON
COLONEL U.S.

CHAIRMAN
EXECUTIVE & TECHNICAL SUB-COMMITTEE

JFC/YG-M

1 FEBRUARY 1944

APPENDIX "B"

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
APO 394

1 February 1944

To:- Electric Power Sub-Committee

Subject:- Repairs to Sila Power Generating Equipment

1. One generating unit at Calusia, capacity 17600 KW, has been repaired and is ready for operation. The penstock supplying this unit will be repaired and operating 4 February 1944. The operation of this unit will conserve the water stored in the reservoirs above this plant. The second generating unit at Calusia will not be repaired for some time but its non-operation will not cause any loss of K.W.H.

2. The damaged unit at Timpegrande is being repaired and will be ready for operation in about six weeks. Its non operation does not cause any loss of KW or KWH.

JAMES F. GROWDON
COLONEL CE
Chief, Electric Power Mission.

(2 FEB 44)

3975

WGM

COPY NO. 13

AFHQ ADV. ADM. ECHELON
LOCAL RESOURCES SECTION
C.M.F.

REF:- 8/2/LR

1 FEBRUARY 1944

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

1. The third meeting of the Electric Power Committee was held at 09.30 hours, 1 February 1944, in the Conference Room at AFHQ Adv. Adm. Ech.

Present:- Brigadier A.C. Baillie (Chairman)

Representatives of:- D.D.W.

C.E., P.E.S.
C.E., No.2 District,
AAFSC/MTO
C.E., No.3 District.
D.G.M.F. (Including Tn., Br.)
R.E.M.E.
M.G.S. (Adv)
A.C.C.

In attendance:-

Vice-Chairman (Am) (Allied Force Local Resources
Vice-Chairman (Br) ((Italian) Board

2. The Minutes of the last meeting, on 5 January 1944, were accepted by the Committee.

3. Matters arising out of the meetings of the Board held on 17 January 1944 and 31 January 1944 were considered and the schedule of allocations referred to in the first paragraph of the draft instruction prepared by the Works Directorate (Br), dated 27 January 1944, was passed to a Sub-Committee consisting of:-

Chairman: D.D.W.

Members: No.2 District
No.3 District
P.E.S.

In attendance:-

Vice-Chairman (Am) (Allied Force Local Resources
Vice-Chairman (Br) ((Italian) Board

2. The Minutes of the last meeting, on 5 January 1944, were accepted by the Committee.

3. Matters arising out of the meetings of the Board held on 17 January 1944 and 31 January 1944 were considered and the schedule of allocations referred to in the first paragraph of the draft instruction prepared by the Works Directorate (Br), dated 27 January 1944, was passed to a Sub-Committee consisting of:-

Chairman: D.D.W.

Members: No.2 District
No.3 District
P.E.S.

with instructions to study the boundary complications caused by the schedule submitted to the Committee and, within 48 hours, to notify the Chairman in order that the necessary allocations could be issued in the name of the Committee.

4. A report was received from the Executive and Technical Sub-Committee established to ensure the supply of power to Rome (attached at Appendix "A") and accepted by the Committee.

5. In view of the decision of the Board at the meeting on 31 January 1944, when the allocation of power within a District or Base Section was declared the responsibility of the District or Base Section Commander, the action necessary for the provision of 6,000 kilowatts at Foggia was decided to be the responsibility of No.2 District Commander.

6. A report was received from A.C.C. on the Possibilities of repairing the equipment at Sila (Appendix "B").

7. No reports were received from members of the average power consumption of factories operated by or for them. Regarding the submission of demands for power, the following points were brought out:-

(a)

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- 2 -

- (e) Service requirements were to be submitted direct to District or Base Section Commanders.
 - (b) Civilian requirements were to be consolidated and screened by A.C.C. before submission to Commanders.
 - (c) Requirements for factories operating less than 100% for the military were to be submitted through A.C.C. Evidence of military contracts placed will assist in the establishment of priorities.
8. The schedule of allocations referred to in para. 3 above will be reviewed monthly by the Committee and should Commanders find that the allocation of power made to them is insufficient to meet their essential requirements, application is to be made by them to the Electric Power Committee for a revised allocation.
9. The Committee recommended to the Board that the control of electric power must remain with the military when territories are returned to the jurisdiction of the Italian Government.
10. A letter, R. 2657/Q of 29 January 1944, from 8th Army regarding overloading in the San Severo and Apricena districts was received and the Chairman undertook to submit a draft reply on behalf of the Committee to "Q" Branch, AFHQ Adv. Adm. Ech.
11. It was recommended to the Board that Ground Forces Engineers should be represented on Aerodrome Siting Boards, as the siting of aerodromes has hitherto, on several occasions, interfered with existing power lines.
12. The request from the Miscellaneous Purposes Committee for the supply of power for hemp manufacturing was received and it was decided that when A.C.C. presents specific requirements a special allocation will be made to Districts or Base Sections, if necessary.
13. The Committee increased the allocation to No. 2 District for Calabria by an amount sufficient to permit of 1,300,000 KWH being consumed during March by the industrial gas producing plant at Crotone.
14. The Electric Power Committee decided that it would make special allocations to meet specific military requirements when necessary. The bulk allocations to the District or Base Section concerned will give details of any such special allocation.
15. The fourth meeting will be held at 09.30 hours on TUESDAY, 22 FEBRUARY 1944, in the Conference Room, AFHQ Adv. Adm. Ech.

10. A letter, R 2657/Q of 29 January 1944, from 8th Army regarding overloading in the San Severo and Apricena districts was received and the Chairman undertook to submit a draft reply on behalf of the Committee to "Q" Branch, AFHQ Adv. Adm. Ech.
11. It was recommended to the Board that Ground Forces Engineers should be represented on Aerodrome Siting Boards, as the siting of aerodromes has hitherto, on several occasions, interfered with existing power lines.
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13. The Committee increased the allocation to No.2 District for Calabria by an amount sufficient to permit of 1,300,000 KWH being consumed during March by the industrial gas producing plant at Crotone.
14. The Electric Power Committee decided that it would make special allocations to meet specific military requirements when necessary. The bulk allocations to the District or Base Section concerned will give details of any such special allocation.
15. The fourth meeting will be held at 09.30 hours on TUESDAY, 22 FEBRUARY 1944, in the Conference Room, AFHQ Adv. Adm. Ech.

[Handwritten signature]
S.C. RAMSDEN
MAJOR
JOINT SECRETARY (AM)
ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

[Handwritten signature]
S.J.B. LOUDEN
CAPTAIN
JOINT SECRETARY (BR)
ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

R/L/WBY

- 3 -

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36	A.D.W. (Works)
37	D.Q.M.G.
38/47	Local Resources Section
48/49	H.Q., No.3 District.
50	File
51/70	Spares

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3973

APPENDIX "A"

MEMORANDUM FOR THE ELECTRIC POWER COMMITTEE

SUBJECT: POWER SUPPLY FOR ROME

1. The first electric power in Rome will be that generated by portable generating sets belonging to various organizations of the Army. The power so generated will be used exclusively by the Army.
2. The next power available in Rome will be generated by two or three small diesel electric generating sets which have been discovered in the Naples and Bari areas. These sets will be mounted on an L.C.T. and will be taken from Naples to Rome by water. The L.C.T. will move up the Tiber river to the site of a steam plant and will be anchored there. The known available diesel/electric generating sets available for this purpose have a total capacity of between 500 and 600 kilowatts. This power should be available in Rome within a very brief period after occupation by Allied Forces.
3. The next addition to the power supply at Rome will be transmitted from the Capuauna steam plant in Naples over a 60 KB transmission line from Naples to Minturno and over a single transmission line, belonging to the State Railways, from Minturno to Rome. It is proposed to rehabilitate this line as promptly as it is in Allied control. The time required for rehabilitation depends on several factors, among which is the amount of damage done by the enemy. Operating at 60 KV, this line will deliver between 5,000 and 7,000 kilowatts of power in Rome. This power would be put on the 9 KV distribution circuits.
4. The next addition to the power supply for Rome will come from the installation of two 60 KV - 150 KV transformers in a temporary sub-station at Minturno and the installation of two 150 KV - 9 KV transformers in Rome. These transformers are now located in Southern Italy and must be disassembled for transport. This will permit operating the State Railway transmission line from Minturno to Rome at a nominal 150 KV and will permit the delivery of 10,000 to 15,000 kilowatts in Rome, where it would be available on the 9 KV distribution circuits.
5. An additional supply of power can be delivered in Rome by installing a synchronous condenser (which is available in Allied Italy) at the Rome end of the transmission lines. This will permit the delivery of a total of from 13,000 to 18,000 kilowatts in Rome.
6. If additional transformer capacity can be discovered to augment the transform-

Minturno and over a single transmission line to Minturno to Rome. It is proposed to rehabilitate this line as promptly as it is in Allied control. The time required for rehabilitation depends on several factors, among which is the amount of damage done by the enemy. Operating at 60 KV, this line will deliver between 5,000 and 7,000 kilowatts of power in Rome. This power would be put on the 9 KV distribution circuits.

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5. An additional supply of power can be delivered in Rome by installing a synchronous condenser (which is available in Allied Italy) at the Rome end of the transmission lines. This will permit the delivery of a total of from 13,000 to 18,000 kilowatts in Rome.

6. If additional transformer capacity can be discovered to augment the transformers now planned for installation in the temporary sub-station at Minturno, an additional amount of power up to a total of 25,000 kilowatts can be delivered to Rome.

7. Further supply of power to Rome will depend on the damage to hydro-electric generating stations at Tivoli and Terni and the transmission lines connecting these generating stations to the Rome area.

3972

JAMES P. GROWDON
COLONEL C.E.
CHAIRMAN
EXECUTIVE & TECHNICAL SUB-COMMITTEE

JFG/WGM

1 FEBRUARY 1944

APPENDIX "B"

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
APO 394

1 February 1944

To:- Electric Power Sub-Committee

Subject:- Repairs to Sila Power Generating Equipment

1. One generating unit at Calusia, capacity 17600 KW, has been repaired and is ready for operation. The penstock supplying this unit will be repaired and operating 4 February 1944. The operation of this unit will conserve the water stored in the reservoirs above this plant. The second generating unit at Calusia will not be repaired for some time but its non-operation will not cause any loss of K.W.H.

2. The damaged unit at Timpogrande is being repaired and will be ready for operation in about six weeks. Its non operation does not cause any loss of KW or KWH.

JAMES P. GROWDON
COLONEL CE
Chief, Electric Power Mission.

(2 FEB 44)

3971

WGM

COPY NO. 12

AFHQ ADV. ADM. ECHelon
LOCAL RESOURCES SECTION
C.M.F.

REF:- 8/2/LR

1 FEBRUARY 1944

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

1. The third meeting of the Electric Power Committee was held at 09.30 hours, 1 February 1944, in the Conference Room at AFHQ Adv. Adm. Ech.

Present:- Brigadier A.C. Baillie (Chairman)

Representatives of:-

D.D.W.
C.E., P.B.S.
C.E., No.2 District.
AAESC/MTO
C.E., No.3 District.
D.G.M.E. (Including Tn., Br.)
R.E.M.E.
M.G.S. (Adv)
A.C.C.

In attendance:- Vice-Chairman (Am) { Allied Force Local Resources
Vico-Chairman (Br) { (Italian) Board

2. The Minutes of the last meeting, on 5 January 1944, were accepted by the Committee.
3. Matters arising out of the meetings of the Board held on 17 January 1944 and 31 January 1944 were considered and the schedule of allocations referred to in the first paragraph of the draft instruction prepared by the Works Directorate (Br), dated 27 January 1944, was passed to a Sub-Committee consisting of:-

Chairman: D.D.W.

Members: No.2 District
No.3 District
P.B.S.

C.E., No.3 District.
D.G.M.P. (Including Tn., Br.)
R.E.M.E.
M.G.S. (Adv)
A.C.C.

Vice-Chairman (Am) (Allied Force Local Resources
Vice-Chairman (Br) (Italian) Board

In attendance:-

2. The Minutes of the last meeting, on 5 January 1944, were accepted by the Committee.

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Members: No.2 District
No.3 District
P.B.S.

with instructions to study the boundary complications caused by the schedule submitted to the Committee and, within 48 hours, to notify the Chairman in order that the necessary allocations could be issued in the name of the Committee.

4. A report was received from the Executive and Technical Sub-Committee established to ensure the supply of power to Rome (attached at Appendix "A") and accepted by the Committee.

5. In view of the decision of the Board at the meeting on 31 January 1944, when **370** the allocation of power within a District or Base Section was declared the responsibility of the District or Base Section Commander, the action necessary for the provision of 6,000 kilowatts at Foggia was decided to be the responsibility of No.2 District Commander.

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- (a) Service requirements were to be submitted direct to District or Base Section Commanders.
 - (b) Civilian requirements were to be consolidated and screened by A.C.C. before submission to Commanders.
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14. The Electric Power Committee decided that it would make special allocations to meet specific military requirements when necessary. The bulk allocations to the District or Base Section concerned will give details of any such special allocation.
15. The fourth meeting will be held at 09.30 hours on TUESDAY, 22 FEBRUARY 1944, in the Conference Room, AFHQ Adv. Adm. Ech.

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15. The fourth meeting will be held at 09.30 hours on TUESDAY, 22 FEBRUARY 1944, in the Conference Room, AFHQ Adv. Adm. Ech.

[Signature]
O.C. RAMSDEN
MAJOR
JOINT SECRETARY (AM)
ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

[Signature]
S.J.B. LOUDEN
CAPTAIN
JOINT SECRETARY (BR)
ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

R/L/WGN

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36	A.D.W. (Works)
37	D.Q.M.G.
38/47	Local Resources Section
48/49	H.Q., No.3 District.
50	File
51/70	Spares

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3969

APPENDIX "A"

MEMORANDUM FOR THE ELECTRIC POWER COMMITTEE

SUBJECT: POWER SUPPLY FOR ROME

1. The first electric power in Rome will be that generated by portable generating sets belonging to various organizations of the Army. The power so generated will be used exclusively by the Army.

2. The next power available in Rome will be generated by two or three small diesel electric generating sets which have been discovered in the Naples and Bari areas. These sets will be mounted on an L.C.T. and will be taken from Naples to Rome by water. The L.C.T. will move up the Tiber river to the site of a steam plant and will be anchored there. The known available diesel/electric generating sets available for this purpose have a total capacity of between 500 and 600 kilowatts. This power should be available in Rome within a very brief period after occupation by Allied Forces.

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7. Further supply of power to Rome will depend on the damage to hydro-electric generating stations at Tivoli and Terni and the transmission lines connecting these generating stations to the Rome area.

JAMES F. GROWDON
COLONEL C.E.
CHAIRMAN

3969

EXECUTIVE & TECHNICAL SUB-COMMITTEE

1 FEBRUARY 1944

JFG/WGM

APPENDIX "B"

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
APO 394

1 February 1944

To:- Electric Power Sub-Committee

Subject:- Repairs to Sila Power Generating Equipment

1. One generating unit at Calusia, capacity 17600 KW, has been repaired and is ready for operation. The penstock supplying this unit will be repaired and operating 4 February 1944. The operation of this unit will conserve the water stored in the reservoirs above this plant. The second generating unit at Calusia will not be repaired for some time but its non-operation will not cause any loss of K.W.H.

2. The damaged unit at Timpegrande is being repaired and will be ready for operation in about six weeks. Its non operation does not cause any loss of KW or KWH.

JAMES P. GROWDON
COLONEL CE
Chief, Electric Power Mission.

(2 FEB 44)

3967

WGM

COPY NO. 10

AFHQ ADV. ADM. ECHELON,
LOCAL RESOURCES SECTION,
C.N.F.

Reference:- 8/2/LR

27 JANUARY 1944

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - AGENDA

The third meeting of the Electric Power Committee will be held in the Conference Room of this Headquarters on TUESDAY, 1 FEBRUARY 1944, at 09.30 hours, to consider the following Agenda:-

1. Minutes of the previous meeting.
2. To consider anything arising out of the meetings of the Board held on 17 January 1944 and the 31 January 1944.
3. To receive a report from the executive and technical sub-committee established to ensure the supply of power to Rome.
4. To receive recommendations of the action necessary to produce 6,000 Kilowatts at Foggia, required by 10 February 1944, from the sub-committee established for this purpose.
5. To receive report from AME/ACC on the possibilities of repairing equipment at Sila.
6. To receive reports from members of the average power consumption, in KWH per week, expended in factories operated 100% by or for them.
7. Any other business.
8. To fix date for the next meeting.

NOTE: The information required in Para. 6 to be submitted to the Local Resources Section, AFHQ ADV. ADM. ECHELON, by 12.00 hours, 31

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1 sent

to Rome.

4. To receive recommendations of the action necessary to produce 6,000 Kilowatts at Foggia, required by 10 February 1944, from the sub-committee established for this purpose.
5. To receive report from AMG/ACU on the possibilities of repairing equipment at Sila.
6. To receive reports from members of the average power consumption, in KWH per week, expended in factories operated 100% by or for them.
7. Any other business.
8. To fix date for the next meeting.

NOTE: The information required in Para. 6 to be submitted to the Local Resources Section, AFHQ ADV. ADM. ECH., by 12.00 hours, 31 JANUARY 1944.

Thomas R. Girdon

THOMAS R. GIRDON
LT. COL. AUS
VICE CHAIRMAN (AM)
ALLIED FORCE LOCAL RESOURCES (ITALIAN)

J. L. PRESCOTT
LT. COL. AQMG
VICE CHAIRMAN (BR)
ALLIED FORCE LOCAL RESOURCES (ITALIAN)

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- 6 C.E., F.E.S.
- 7/8 Flag Officer, Western Italy.
- 9/10 M.G.S. (Adv)
- 11/12 A.A.F.S.C./W.T.O.
- 13 R.A.F., 214 Group.

SJBL/WGM

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- 17/18 AGF, 15 Army Group.
- 19/20 H.Q., A.C.C.
- 21 A.F.L.R. (Sicilian) Board
- 22 A.F.L.R. (Sardinian) Board
- 23 D.Q.M.G.
- 24/25 Local Resources Section
- 34 File
- 35/40 Spares

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Copy No. 11
AFHQ... ADV. ADM. SECTION,
LOCAL RESOURCES SECTION,
S.M.I.

Reference :- 8/2/LB.

21 December 1943.
ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD
ELECTRIC POWER COMMITTEE.

The Second meeting of the Electric Power Committee will be held in the Conference Room this a.m., on Wednesday 5 January 1944 at 0930 hours to consider the following

AGENDA :

1. Minutes of the previous meeting.
2. To consider anything arising out of the meeting of the Board held 28 Dec 43.
3. To consider in detail the report submitted by S.M.I. to the last meeting 21 Dec 43, and to make such recommendations as may be considered advisable.
4. To receive list of requirements from S.M.I. necessary to repair transmission lines to ROME and a list of stocks at present held by them.
5. To receive report from interested Army Services of suitable stores for the repair of transmission lines that are held by them.
6. To receive from S.M.I. a list of present users of electricity showing consumption and if necessary to decide on some form of control.
7. To receive a report from AG/ACC on the possibilities of repairing equipment at S.M.I.
8. Any other business.

4. To receive list of requirements from S.A.E. necessary to repair transmission lines to HQM and a list of stocks at present held by them.
5. To receive report from interested Army Services of suitable stores for the repair of transmission lines that are held by them.
6. To receive from S.A.E. a list of present users of electricity showing consumption and if necessary to decide on some form of control.
7. To receive a report from AG/ACC on the possibilities of repairing equipment at Siba.
8. any other business.

THOMAS R. GIBSON,
Lt. Col., AUS.,
Vice Chairman (AM)

J.L. PR SCOTT,
Lt. Col., AQMG,
Vice Chairman (Br).

Allied Force Local Resources (Italian) Board

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3965

Declassified E.O. 12356 Section 3.3/NND No. 785016

4/1/8
M.E.S. (Hh)

Ref:- 8/2/LR.

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ATTN: ADV. ADM. ECHILON
LOCAL RESOURCES SECTION
C.M.E.

5 Jan 44

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.
ELECTRIC POWER COMMITTEE

1. The second meeting of the Electric Power Committee was held at 0930 hours, 5 Jan 44, in the Conference Room, FLMBO.

Present:- Brigadier D.L. ANDERSON. D.D.W., FLMBO (Chairman)

and representatives of:-

C.B., P.E.S.
C.E., No. 2 DISTRICT
R.N. (FOUIT)
M.C.E. (Adv)
D.G.M.R. (Incl. Tr. Er.)
M.A.A. F.
A.M.G. 15 Army Gp.

in attendance:-

Vice Chairman (on) Allied Force Local Resources (Italian)
Vice Chairman (Br) " " " Board.

and 4 others.

No representatives were present from R.E.M.E. or A.C.G.

2. The minutes of the last meeting of 21 Dec 43 were accepted by the Committee.

3. There was no discussion arising out of the minutes of the meeting of the Local Resources Board of the 28 Dec 43.

4. The report submitted by SAE regarding supply of Electric Power to Rome at the last meeting 21 Dec 43 was considered in conjunction with a second report from SAE submitted to this meeting.

It was decided that owing to the tactical situation the most feasible route for the supply of power to Rome was by way of the west coast with first priority for lines being items 1, 2, and 3 and second priority being items 4, 5 and 6 of Annexure 1 to the second report submitted by SAE. It was estimated that each of the above two lines could carry 5,000 K.W.

The 10,000 K.W. can be supplied by utilizing thermal power plants in Naples, this would involve the importation of Furnace Oil. The exact extent of this commitment is being notified to the Local Resources Section by the Royal Navy.

2. The minutes of the last meeting of 21 Dec 43 were accepted by the Committee.
3. There was no discussion arising out of the minutes of the meeting of the Local Resources Board of the 28 Dec 43.
4. The report submitted by SME regarding supply of Electric Power to Rome at the last meeting 21 Dec 43 was considered in conjunction with a second report from SME submitted to this meeting.

It was decided that owing to the tactical situation the most feasible route for the supply of power to Rome was by way of the west coast with first priority for lines being items 1,2, and 3 and second priority being items 4,5 and 6 of Annexure 1 to the second report submitted by SME. It was estimated that each of the above two lines could carry 5,000 K.W.

The 10,000 K.W. can be supplied by utilizing thermal power plants in Naples, this would involve the importation of Furnace Oil. The exact extent of this commitment is being notified to the Local Resources Section by the Royal Navy.

The Committee therefore recommends to the Local Resources Board that the supply of power to Rome be by way of the west coast and that the power be obtained by the operation of the thermal stations at Naples.

An executive and technical Sub-Committee to ensure the implementation of the Committee's recommendation, if approved, was established, consisting of:-

Col. James C. GROUDEN, Chairman (JCO)

and representatives of:-

C.E.: P.E.S.

R.N.

D.D.G.

This Sub-Committee will issue through JCO any necessary instructions

SME.

3963

5. The list of requirements necessary to repair transmission lines to Rome and a list of stocks at present held was submitted by SME.

It was found that SME had sufficient material available, augmented by the dismantling of 4 unnecessary lines and military stocks, to re-establish the lines on the west coast for the supply of power to Rome, assuming that that part of these lines at present in enemy hands would not be more than 50% damaged.

/.....6. The report

-2-

6. The report from interested Army Services of suitable stores for the repair of transmission lines held by them was not received as it was considered unnecessary in view of the present availability from SME stocks.

7. A list of present users of electricity showing consumption was received from SME. In view of a demand from D.C.N.R. for 6,000 K.W. at Reggio commencing 10 Feb 44, it was considered that it would be necessary to control consumption in that area, as present peak demands equal output. To decide the details of the method of control a sub-committee was established as follows:-

Chairman:- AOC representative to be nominated by
Col. James O. GARDON (AOC)

representatives of:- D.C.M.R.
C.E., No. 2 District.

This Sub-Committee to recommend to the Committee the action necessary to produce the 6,000 K.W. required by 10 Feb 44.

8. No report was submitted by AMG/AOC on the possibilities of repairing equipment at SLL. It was stated that the report was being prepared.

9. It was recommended to the Local Resources Board that a representative from No. 3 District be included in the membership of the Committee.

10. The third meeting will be held at 0930 hrs on 1 Feb 44 in the Conference Room, PLMBO.

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Chairman L.R. Board
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C.E., No. 2 District
C.E., P.M.S.

W. P. G. Gardon Capt. S.M.B. LOUDEN.
Joint Secretary (Am) Joint Secretary (Br)
Allied Force Local Resources (Italian) Board.

It was recommended to the Local Resources Section that District 3 be included in the membership of the Committee.

The third meeting will be held at 0930 hrs on 1 Feb 44 in the Conference Room, FLASCO.

John J. G. KENNEDY *John J. G. KENNEDY*
 Joint Secretary (Am) Capt. S.F.E. LOUDEN.
 Allied Force Local Resources (Italian) Board.

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| 26/27 | A.M.G., 15 Army Gr. | |
| 28 | R.G., A.F.L.R.S., A.F.R.S. | |
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| 30 | A.F.L.R. (Sardinian) Board | |
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| 32 | DD/CAO | |
| 33 | Q.1. | |
| 34 | Q.2. | |
| 35 | C.P.A., P.E.S. | |
| 36 | A.D.W. (Donks) | |
| 37 | D.Q.R.G. | |
| 38/47 | Local Resources Section | |
| 48 | File | |
| 49/57 | Spare | |

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ATTN: ADV. ADM. SECTION,
LOCAL RESOURCES SECTION,
C.E.S.

Reference :- 8/2/LR.

21 December 1943.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

MINUTES OF MEETING OF ELECTRIC POWER COMMITTEE

1. The first meeting of the Electric Power Committee was held at 1415 hours 21 Dec 43 in the Conference Room, ELMEO.

Present :- Brigadier D.L. ANDERSON, D.D.M., ELMEO (Chairman)

and representatives of :-

C.E., P.D.S.,
C.E., No. 2 District,
R.N., (F.O.M.L.T.)
H.G.S. (Adv,
H.M.S.P.,
H.D.M.E.,
JMG/ACC.,

in attendance :-

Vice Chairman (AM) Allied Force Local Resources (Italian) Board
" " " " " "
" " " " " "
" " " " " "
and two others.

2. The notice constituting the Committee and correspondence exchanged with H.Q., JMG (near) was received.

3. The SOCIETA' MERIDIONALE DI ELETTRICITA' is still in existence and has submitted a report showing the maximum demand and energy delivered yearly to southern districts during 1942 together with two graphs showing actual present day consumption by areas, copies of which were distributed to all members present at the meeting. The maximum daily production was 100,000 K.W. and the peak load was approx. 100,000 K.W. leaving no surplus at time of peak loads. Thermal stations would produce an additional 50,000 K.W. but this would involve the importation of large quantities of fuel oil.

G.E., No. 2 District,
R.N., (F.O.W.I.T.)
M.G.S. (Adv)
A.A.A.F.,
R.E.H.E.,
A.G./A.C.,

in attendance :-

Vice Chairman (am) Allied Force Local Resources (Italian) Board
" " " " " "
Vice Chairman (Br) " " " " " "
and two others.

2. The notice constituting the Committee and correspondence exchanged with H.Q., A.G. (Reer) was received.
3. The SOCIETA' MERIDIONALE di ELETTRICITA' is still in existence and has submitted a report showing the maximum demand and energy delivered yearly to southern districts during 1942 together with two graphs showing actual present day consumption by areas, copies of which were distributed to all members present at the meeting. The maximum daily production was 100,000 K.W. and the peak load was approx. 100,000 K.W. leaving no surplus at time of peak loads, thermal stations would produce an additional 30,000 K.W. but this would involve the importation of large quantities of fuel oil.
4. A preliminary report on the possibility of supplying energy to ROAE - prepared by S.M.E. was submitted and distributed to all members at the meeting. It was agreed that this Committee need not plan to supply to ROAE power in excess of the military requirements (approx. 20,000 K.W.). Any additional power to be supplied would be a civilian responsibility under A.G./A.C.
5. Insufficient information was available to prepare definite recommendations as to ways and means of providing power and energy to ROAE. However it was agreed that :-
 - (a) The S.M.E. will prepare a list of requirements necessary to repair the transmission lines to ROAE, and a list of stocks at present held by them.
 - (b) Interested Army Services must assist the S.M.E. with stores, transport and skilled labour and submit a report of suitable stores held by them at next meeting.
 - (c) Damaged lines could be demolished to provide additional necessary stores.
 - (d) A.G./A.C. would limit the excess consumption of stores by civilian users.
 - (e) The S.M.E. would prepare a list of present users showing consumption for the next meeting, it being apparent that some form of control would be necessary.
 - (f) A.G./A.C. would investigate the possibilities of repairing equipment at Sile, and would submit a report at the next meeting.
6. It was decided that it would be desirable that my Service considering the building of a new line would consult the Committee in advance.

/7...overleaf...

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-2-

7. It was recommended to the Board that military works which in any way interfere with the operation of electric power should be brought to the attention of the Chairman of the Committee.
8. The operation and control of all electric power facilities would remain under the control of the D.D.W., P.B.S. and R.M. until such times as AWG/ACS were able to take over control and co-ordinate.
9. The reports (mentioned in paras 2 and 3 above) submitted by S.M.S. were received immediately prior to the meeting and members were requested to study these reports so that, together with the additional information called for, definite action could be taken at the next meeting. Any questions arising from these reports were to be submitted to the Chairman by 28 Dec 43, in order that any additional information or clarification could be obtained prior to the next Committee meeting.
10. The second meeting will be at 0930 hours on 5 Jan 44 in the Conference Room, FLAHO.

16 Jan 44
Major J.C. RUSSELL Capt. S.J.B. LOUDEN
Joint Secretary (Am) Joint Secretary (Br)

Allied Force Local Resources (Italian) Board.

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17/48	D.C.H.R.

10. The second meeting will be at 0930 hours on 3 Jan 44 in the Conference Room, FLAIEDO.

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17/18	D.G.M.R.
19	R.E.M.E.
20/21	H.Q., JIG., 15 Army Group, NAPLES.
22/23	H.Q., A.C.G., BARIOLISI
24	H.Q., F.L.R.S., A.F.H.Q.
25/34	Local Resources Section
35	File.
36/44	Spare
45	C.G., P.D.S.
46	DD/C.A.G.
47	Q 1.
48	Q 2.
49	G.P.A., F.P.S.
50	A.D.W. (Works)

g/m/r
MES (Am)

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ATTN: ADV. ADM. SECTION,
LOCAL RESOURCES SECTION,
D.M.E.

Reference :- 6/2/43.

21 December 1943.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARDMINUTES OF MEETING OF ELECTRIC POWER COMMITTEE

1. The first meeting of the Electric Power Committee was held at 1415 hours 21 Dec 43 in the Conference Room, ELITEO.

Present :- Brigadier D.L. ANDERSON, D.D.M., ELITEO (Chairman)

and representatives of :-

O.E., P.D.S.,
O.E., No. 2 District,
R.M., (S.O.M.L.T.)
M.G.S. (Adv)
M.A.A.F.,
R.E.M.E.,
MAG/ACC.,

In attendance :-

Vice Chairman (Am) Allied Force Local Resources (Italian) Board
" " " "
" " " "
" " " "
" " " "
and two others.

2. The notice constituting the Committee and correspondence exchanged with H.Q., MAG (Rear) was received.

3. The SOCIETÀ MERIDIONALE DI ELETTRICITÀ is still in existence and has submitted a report showing the maximum demand and energy delivered yearly to southern districts during 1942 together with two graphs showing actual present day consumption by areas, copies of which were distributed to all members present at the meeting. The maximum daily production was 100,000 K.W. and the peak load was approx. 100,000 K.W. leaving no surplus at time of peak loads. Thermal stations would produce an additional 50,000 K.W. but this would involve the importation of large quantities of fuel oil.

4. A preliminary report on the possibility of supplying energy to ROME - prepared by S.M.E. was submitted and distributed to all members at the meeting. It was agreed that this Committee need not plan to supply to ROME power in excess of the military requirements (approx. 20,000 K.W.). Any additional power to

2. The notice constituting the Committee and correspondence exchanged with H.Q., JAG (Rear) was received.
3. The SOCIÉTÉ PARADIOMAL DE MONTREAL is still in existence and has submitted a report showing the maximum demand and energy delivered yearly to southern districts during 1942 together with two graphs showing actual present day consumption by areas, copies of which were distributed to all members present at the meeting.
The maximum daily production was 100,000 K.W. and the peak load was approx. 100,000 K.W. leaving no surplus at time of peak loads. Thermal stations would produce an additional 50,000 K.W. but this would involve the importation of large quantities of fuel oil.
4. A preliminary report on the possibility of supplying energy to ROME - prepared by S.M.E. was submitted and distributed to all members at the meeting. It was agreed that this Committee need not plan to supply to ROME power in excess of the military requirements (approx. 20,000 K.W.). Any additional power to be supplied would be a civilian responsibility under JAG/ACC.
5. Insufficient information was available to prepare definite recommendations as to ways and means of providing power and energy to ROME. However it was agreed that :
(a) The S.M.E. will prepare a list of requirements necessary to repair the transmission lines to ROME, and a list of stocks at present held by them.
(b) Interested Army Services must assist the S.M.E. with stores, transport and skilled labour and submit a report of suitable stores held by them at the next meeting.
(c) Damaged lines could be demolished to provide additional necessities.
(d) JAG/ACC would limit the excess consumption of stores by civilian districts.
(e) The S.M.E. would prepare a list of present users showing consumption for the next meeting, it being apparent that some form of control would be necessary.
(f) JAG/ACC would investigate the possibilities of repairing equipment at S.M.E. and would submit a report at the next meeting.
6. It was decided that it would be desirable that any Service considering the building of a new line would consult the Committee in advance.

/7...overleaf...

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-2-

7. It was recommended to the Board that military works which in any way interfere with the operation of electric power should be brought to the attention of the Chairman of the Committee.
8. The operation and control of all electric power facilities would remain under the control of the D.D.W., P.E.S. and R.N. until such times as ALG/LOS were able to take over control and co-ordinate.
9. The reports (mentioned in paras 2 and 3 above) submitted by S.K.E. were received immediately prior to the meeting and members were requested to study these reports so that, together with the additional information called for, definite action could be taken at the next meeting. Any questions arising from these reports were to be submitted to the Chairman by 23 Dec 43, in order that any additional information or clarification could be obtained prior to the next Committee meeting.

10. The second meeting will be at 0930 hours on 5 Jan 44 in the Conference Room, FLAIBO.

Handwritten: J.C. Ramsden
Major J.C. RAMSDEN Capt. S.J.B. LOUDEN
Joint Secretary (Am) Joint Secretary (Br)
Allied Force Local Resources (Italian) Board.

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	7/8	Flag Officer, Western Italy
	9/11	M.C.S. (Adv)

10. The second meeting will be at 0930 hours on 5 Jan 44 in the Conference Room, FLAMEO.

Adj. J. G. Ramsdell
Adj. J. G. RAMSDEN, Capt. S. J. B. LOUISEN
Joint Secretary (Am) Joint Secretary (Br)

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	22/23	H.Q., A.C.G., BRINDISI
	24	H.Q., P.L.R.S., A.F.R.Q.
	25/34	Local Resources Section.
	35	File.
	36/44	Spore
	45	C.G., P.E.S.
	46	DD/C.A.O.
	47	Q 1.
	48	Q 2.
	49	G.F.A., P.E.S.
	50	A.D.W. (works)

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803
Copy No. 2

AFHQ., ADV. ADM. ECHLON,
LOCAL RESOURCES SECTION
C.N.F.

Reference :- 8/2/LR.

14 December 1943.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.
ELECTRIC POWER COMMITTEE.

A Meeting of the Electric Power Committee will be held in the Conference Room this H.Q., on Tuesday, 21st December 43 at 1415 hours to consider the following Agenda :-

1. To receive the notice constituting the Committee and correspondence exchanged with H.Q., AMG. (Rear)
2. To examine the general conditions of the present supply system.
3. To consider means of extending the system so as to make available sufficient power and energy to meet essential needs up to a line ROMA-RESCIA inclusive.
4. To prepare recommendations to the Board as to ways and means of providing the power and energy referred to in para 3.
 - (i) by repair of existing works or construction of new.
 - (ii) by control of existing users.
 - (iii) by increasing means of generating electricity.
5. Any other business.

Thos. R. Gimon
THOMAS R. GIMON,
Lt. Col., U.S.,
Vice Chairman (Am)

J. M. Bresson
J. M. BRESSON,
Lt. Col., AMG,
Vice Chairman (It).

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.

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4. To prepare recommendations to the Board as to ways and means of providing the power and energy referred to in para 3.

(i) by repair of existing works or construction of new.

(ii) by control of existing users.

(iii) by increasing means of generating electricity.

5. Any other business.

Thomas R. Gimson
 Thomas R. GIMSON,
 Lt. Col., M.S.,
 Vice Chairman (AM)

J. H. Gossard
 J. H. GOSSARD,
 Lt. Col., M.S.,
 Vice Chairman (Br).

Allied Force Local Resources (Italian) Board.

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	16	A.E.M.B.
	17/18	A.G., AG., 15 Army Group, WARLES.
	19/20	A.G., A.C.C., BRINDISI.
	21	A.G., A.F.L.M.S., A.F.L.M.
	22/31	Local Resources Section.
	32	File.
	33/42	Spare.

3961

Copy No. 14

A.F.E.Q., Adv. Adm. Echelon,
Local Resources Section,
C.M.F.

Reference 3/2/LR.

10 December 1943.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.

1. The attached copies of

- (a) H.Q., AMG., Adm. Order No. 1 dated 21 Nov 43, and
- (b) this E.Q., letter 8/1/LR of 8 Dec 43

are circulated for the information of Members of the Board.

2. They will form the basis of discussion of item 3 of the agenda of the meeting of the Board to be held on Saturday, 11 Dec 43 at 1100 hours.

Handwritten signature: Thomas R. Gibbon

Thomas R. GIBBON, Lt. Col., A.U.S.,
Vice Chairman (Am).
J.L. PRESOTTI, Lt. Col., A.Q.M.G.,
Vice Chairman (Br).

Allied Force Local Resources (Italian) Board.

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- 9 D.Q.M.G.
- 10/11 Flag Officer, Western Italy.
- 12/13 L.O., XII A.F.S.C.
- 14/16 M.G.S., (adv)

Thomas R. GIBSON,
Lt. Col., A.U.S.,
Vice Chairman (Am.).

J.L. PRESCOTT,
Lt. Col., A.Q.M.G.,
Vice Chairman (Br.).

Allied Force: Local Resources (Italian) Board.

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9 D.Q.M.G.
10/11 Flag Officer, Western Italy.
12/13 L.O., XII A.F.S.C.
14/16 H.G.S., (adv)
17/18 H.Q., MG. 15 Army Group, NAPLES.
19/20 H.Q., A.C.C., BRINDISI.
21 H.Q., A.F.L.R.S., A.F.H.Q.
22/31 Local Resources Section.
32 F.A. (Br)
33 File.
34/40 Spare.

3960

SECRET

UNCLASSIFIED

HEADQUARTERS
ARMY AND MILITARY GOVERNMENT
A.P.O. 512

ADMINISTRATIVE ORDER }
1 }

21 November 1931

ESTABLISHMENT OF TECHNICAL MISSION ON
REHABILITATION OF ELECTRIC POWER FACILITIES.

1. There is created with in this Headquarters a special Technical Mission to be known as the Electric Power Mission. The functions of this Technical Mission will be to survey electrical generation, transmission and transformation facilities in all occupied territory and to arrange, with the appropriate authorities, for the rehabilitation and repair of such facilities.
2. The responsibility of this Technical Mission will extend only to generating, transmission and transformation facilities. It will not extend to facilities for local distribution, or to administration, financial, wage and rate matters in territory controlled by the Army or A.C.G., which will continue to be handled by the Public Works & Utilities Subcommittee. The activities of the Mission will be closely coordinated with those of the Public Works & Utilities Subcommittee.
3. The Mission will perform its functions not only in territory subject to the Army but will also, with the consent of the appropriate authorities, perform such functions in territory of 15 Army Group, in conjunction with the Engineers of the 5th and 8th Armies, and in territory now or hereafter controlled by the Italian Government.
4. The Mission will, for purposes of operation, be responsible directly to the Economic Director for the Army. For purposes of Army administration it will be attached to the Economic Directorate.
5. The Mission is provisional and its establishment is to be regarded as temporary.
6. Colonel JAMES P. GORDON is named Chief of the Electric Power

2. The responsibility of this Technical Mission will extend only to generating, transmission and transformation facilities. It will not expend to facilities for local distribution, or to administration, financial, wage and rate matters in territory controlled by E.A.C. or A.C.C., which will continue to be handled by the Public Works & Utilities Subcommittee. The activities of the Mission will be closely coordinated with those of the Public Works & Utilities Subcommittee.

3. The Mission will perform its functions not only in territory subject to E.A.C. but also, with the consent of the appropriate authorities, perform such functions in territory of 15 Army Group, in conjunction with the Engineers of the 5th and 8th Armies, and in territory now or hereafter controlled by the Italian Government.

4. The Mission will, for purposes of operation, be responsible directly to the Economic Director for E.A.C. For purposes of A.C.C. Administration it will be attached to the Economic Directorate.

5. The Mission is provisional and its establishment is to be regarded as temporary.

6. Colonel JAMES P. GORDON is named Chief of the Electric Power Mission.

By Command of Brigadier General McSherry.

(Sgd) E. QUINN-ROCK,
Brigadier,
Acting Chief of Staff.

OFFICIALS:

(Sgd) L. E. STANLEY,
Capt. A.C.C.,
Actg. Asst. Adm. Gen.

DISTRIBUTION:
1. " "

3959

2003

A. T. H. C. Adv. Adm. Detelon.
C. H. H.

Ref. 8/1/12.
8 Dec 43.

SUBJECT: Electric Power Committee - Allied Force Local Resources (Italian) Board.

TO : HQ, A. H. C.
A. P. C. 512.

1. A copy of Administrative Order No. 1 dated 24 Nov 43 has just been received in this HQ. Its terms of reference would appear to cover certain activities many of which have already been placed under the control of the Electric Power Committee of the Allied Force Local Resources (Italian) Board set up by A. P. H. Q.

2. Your action in respect of this matter is much appreciated, but you will no doubt agree that as Electric power is an essential military requirement, it may be necessary for civilian needs to be subordinated, more especially as the rehabilitation of the civil electricity supply is likely to make demands on military resources.

3. It is therefore considered that while your Committee should continue to function on the general lines laid down in your Adm. Order under reference, the Electric Power Committee must reserve itself all questions having a military aspect especially the allocation of power.

4. It is proposed to discuss this matter further at the next meeting of the Allied Force Local Resources (Italian) Board, which will be held at this HQ on 11 Dec next. Since you are represented on the Board will you please be prepared to state your views at this meeting with special regard to the question of revised terms of reference of your Committee necessitated by the reservation mentioned in para 3 above.

(SIGNED) W. E. RITCHIE, Brigadier,

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/hlc

(SIGNED) W.H. RITCHIE, Brigadier,
for Major General,
Deputy Chief Administrative Officer

Copies to:-

15 Army (sp.)
M.G.S. (Adv)
C-4
Q

Chairman, Electric Power Committee

1079

12/10/43 24(1722) 1550 1 copy

WKS.

A.F.H.Q., Adv. Adm. Ech.
C.M.F.

Ref. 8/1/IR
8 Dec 43

SUBJECT: Electric Power Committee - Allied Force Local Resources (Italian) Board.

TO : HQ., A.M.G.
A.F.G. 512

1. A copy of Administrative Order No. 1 dated 21 Nov 43 has just been received in this HQ. Its terms of reference would appear to cover certain activities many of which have already been placed under the control of the Electric Power Committee of the Allied Force Local Resources (Italian) Board set up by A.F.H.Q.

2. Your action in respect of this matter is much appreciated, but you will no doubt agree that as Electric power is an essential military requirement, it may be necessary for civilian needs to be subordinated, more especially as the rehabilitation of the civil electricity supply is likely to make demands on military resources.

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/hlc

W. H. Litch
Major General. *hlc*
Deputy Chief Administrative Officer.

Copies to :-

15 Army Gp.
M.G.S. (Adv.)
G-4

Cont MRS

Chairman, Electric Power Committee

3937

Copy No. 13

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

Electric Power Committee

Reference: 8/1/LR
3 Dec 43

1. at a Meeting of the Board held on 29 November 1943, an Electric Power Committee was set up.

Composition

2. The Chairman will be Col. E.L. ANDERSON, D.D.W. (Br) and the members reps of those Headquarters and appointments shown in the following distribution list serials 6/15 inclusive. Except with the permission of the chairman, one representative only may attend.

3. The Committee will be a technical one which will

- (a) Make an overall survey of the conditions of the present distribution service.
- (b) Estimate the possibility of repairing and modifying the system in order to cope with the situations which may arise as our advance continues.
- (c) To plan estimates of essential needs, not only of the Armed Forces but also of the Civil Population, and to recommend priorities and allocations to the Board.
- (d) Make such further recommendations to the Board as may be thought necessary in order that the war effort may not be hampered.

Composition

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- (b) Estimate the possibility of repairing and modifying the system in order to cope with the situations which may arise as our advance continues.
- (c) To plan estimates of essential needs, not only of the armed forces but also of the Civil populace, and to recommend priorities and allocation to the Board.
- (d) Make such further recommendations to the Board as may be thought necessary in order that the war effort may not be hampered.

S.A.E.

4. Instructions have been issued through MGS (adv) that the Services and all relative documents of the Chief Engineer of the Societal Meridionale di Elettricità and of his staff be made available to the Committee.

THOMAS R. GIBSON
Lt. Col. AUS
Vice Chairman

J.L. PRESCOTT,
Lt. Col. AQMG
Vice Chairman

C.M.F. Allied Force Local Resources (Italian) Board.

Serial; Distribution:

- 1. D/CAC
- 2. Vice Chairman (American)
- 3. Vice Chairman (British)
- 4. D/C40
- 5. D.W.M.G.
- 6. D.D.W.
- 7. R.M. (Through F.O.M.I.T.)
- 8. Engineers rBS
- 9. C.E. No. 2 District
- 10. D.C.M.A. (To inci. Tr. (Br)

- 11. R.E.M.E. (Br)
- 12. MAF (Through LO XII AF3956)
- 13. M.G.S. (adv)
- 14/15. AMG/ACC (2 reps)
- 16. G-1
- 17. G-2
- 18. G-4
- 19. Hq. A.F.L.A.S., A.F.R.G.
- 20/30 L.A. Section

of these, the Volturno Group, which supplied part of Naples, is closely allied to and inter-connected with the S.M.E. system. The S.M.E. does not own all the power stations on its system but purchases energy in bulk from privately owned stations for distribution and re-sale. For the purpose of this memorandum all private companies inter-connected with the S.M.E. system are regarded as part of the S.M.E.

(d) The estimated average monthly demand for energy, within the S.M.E. area, for the coming year is 42 million kilowatt hours, with a peak load of 70 thousand kilowatts. This estimate is based on 70% of the peace-time demand exclusive of the electric railways.

(e) The undamaged generating stations in the S.M.E. area now under Allied control have a monthly potential of 60 million kilowatt hours while the maximum power output of the stations and transmission lines to meet the maximum demand is 95 thousand kilowatts.

(f) It will be seen, therefore, that there is an estimated monthly surplus of energy of 18 million kilowatt hours with a power surplus of 25 thousand kilowatts. The energy surplus could be increased if absolutely essential by decreasing the reservoir storage. This would of course be felt the following year. The maximum power surplus could be raised considerably with proper control of the use of power at peak load periods.

(g) It is probable that the army will put the Pescara and Termini groups of stations out of action so they will not be available to supply Rome. It will, therefore, be necessary to plan to supply Rome from the stations at present in our hands.

(h) At the present moment, however, the surplus power mentioned in para(f) above is not available, nor can present demands in the S.M.E. area be met because of damage to the overhead grid system, to the sub-stations and to the subsidiary feeders. These are, however, repairable to the extent that the 70% of the peace-time demand mentioned in para(d) can be met.

3955

(j) At the moment the President of the S.M.E. and his regional staff are dealing with separate demands from No.2 District, the P.S.S., No.57 Area, Anagni, 8th Army and several other consumers. He is without knowledge as to who should have priority and he does not know to whom he should apply for assistance in the matter of materials for repair.

/over....2.....

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- 2 -

2. CONCLUSIONS.

- (a) The capacity of the hydro-electric and thermal stations in our hands is sufficient to generate the electrical energy required to meet all essential needs both military and civilian up to a line somewhere north of the Rome - Pescara line.
- (b) These essential needs cannot, however, be met because the present distribution system is inadequate on account of -
- (i) war damage, and
 - (ii) the fact that places previously supplied or partly supplied by stations now out of action have to be connected to other sources of supply.
- (c) An adequate distribution system cannot be built up rapidly because of -
- (i) shortage of material, and
 - (ii) shortage of skilled labour particularly cable jointers.
- (d) There are insufficiently wide plans to overcome the difficulties mentioned in paras 2 (b) and (c) above.

3. RECOMMENDATIONS.

- (a) That an overall survey of the condition of the present distribution system be undertaken. A considerable amount of information exists in my office but it is incomplete.
- (b) That estimates of our ability to repair and modify the system as may be necessary be prepared having regard to -
- (i) materials in the country, materials set-up to be imported and materials which can be obtained by the dismantling of non-essential lines, and
 - (ii) all sources of labour both military and civil.

(ii) shortage of skilled labour particularly cable jointers.

(d) There are insufficiently wide plans to overcome the difficulties mentioned in paras 2 (b) and (c) above.

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(b) That estimates of our ability to repair and modify the system as may be necessary be prepared having regard to --

(i) materials in the country, materials set-up to be imported and materials which can be obtained by the dismantling of non-essential lines, and

(ii) all sources of labour both military and civil.

(c) That all users be asked to estimate their essential needs within clearly defined zones.

(d) That bulk allotments of electricity be made to each zone on the basis of the information obtained in paras 3.(a) and (b) above and having regard to probable future needs north of the line at present held by the enemy.

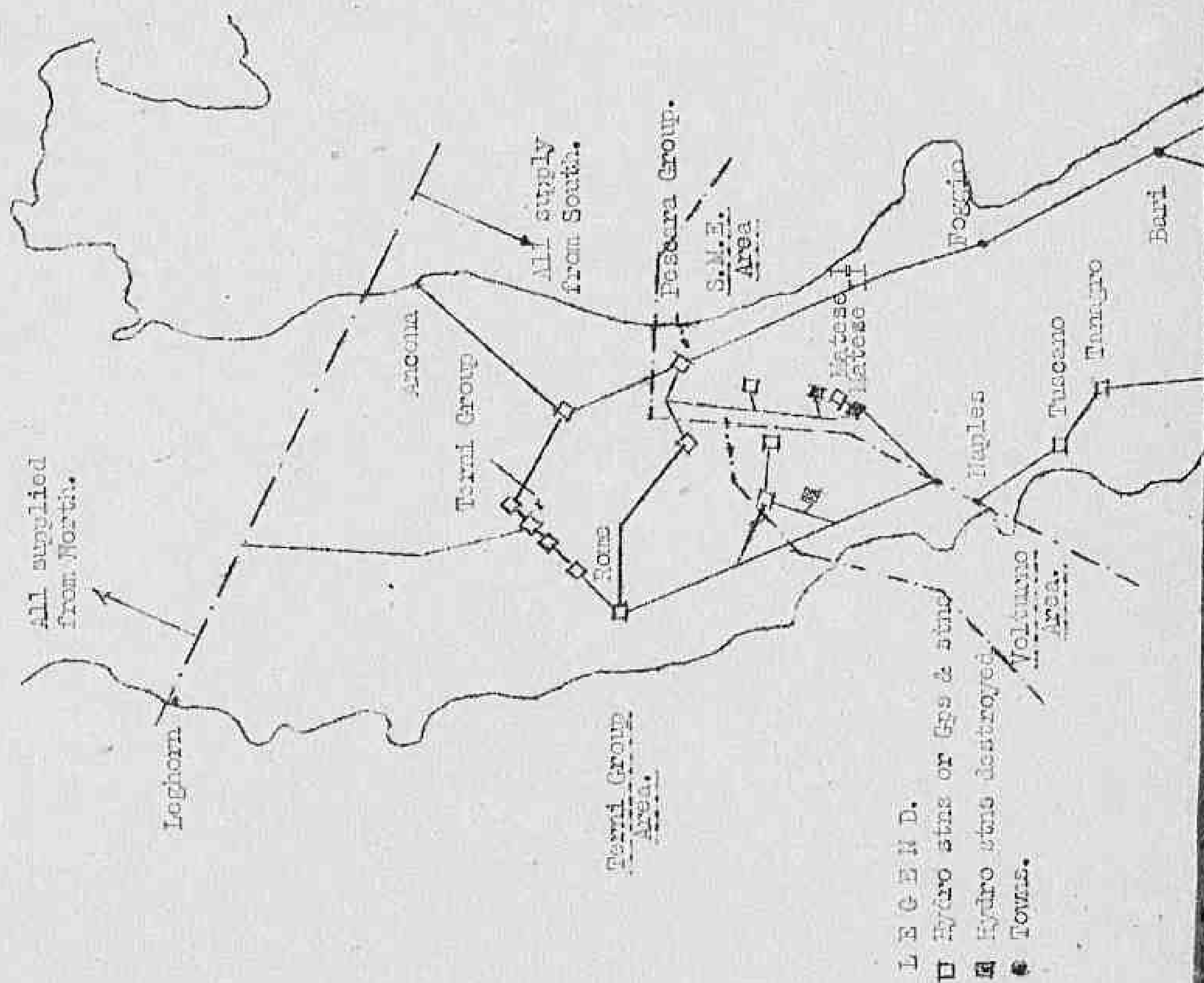
(e) That sub-allotment and, if necessary, rationing of electricity within each zone be left to a locally constituted authority within the general policy laid down as to priorities.

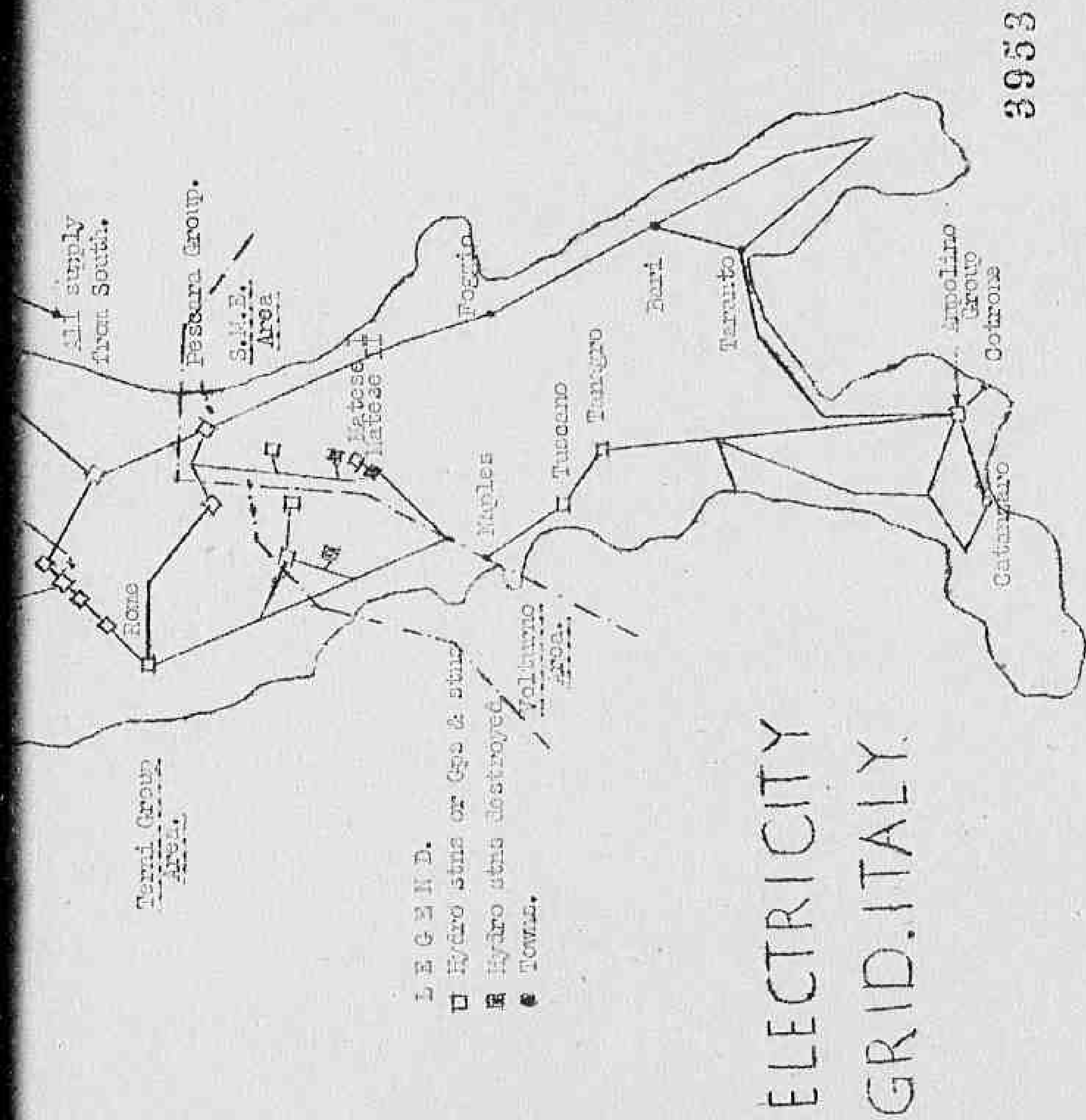
(f) That a committee of the Local Resources Board be appointed to consider the implications of the foregoing recommendations and **3954** the services of the Chief Engineer of the Societa Meridionale di Elettricit  and his staff be placed at their disposal.

26th November, 1943.

DLA/caj.

W. A. M. ...
Colonel,
Deputy-Director of Works.





3953

M. G. S. Flank
How long 807

REMARKS ON ELECTRICITY SUPPLY IN ITALY
DISCUSSION OF RESULTS

REF 2052/PDW.

1. The electricity supply in Italy, 90% of which is obtained from hydro electric stations, is divided by a line between - known into two distinct areas. In peace-time there was little or no exchange of power across this line.

2. Attached to this memorandum is a map showing diagrammatically the layout of the national grid which was run by two main groups, (1) The Turin group which supplied some areas and (2) the Ancona-Messina group which supplied its headquarters in Naples. This latter group supplied Italy south of a line Naples - Pescara.

3. There are also certain small producing and distributing companies dealing with purely local supply in small areas. The largest of these, the Volturno group, which supplied a portion of Naples, is closely allied to and inter-connected with the S.E. system. The S.E. does not own all the power stations on its system but purchases energy in bulk from privately owned stations for distribution and re-sale. For the purpose of this memorandum all private companies inter-connected with the S.E. system are regarded as part of the S.E.

4. The estimated average monthly demand for energy, within the S.E. area, for the coming year is 42 million kilowatt hours, with a peak load of 70 thousand kilowatts. This estimate is based on 70% of the peace-time demand exclusive of the electric railways.

5. The unforged generating stations in the S.E. area now under allied control have a capacity potential of 60 million kilowatt hours while the maximum power output of the stations and transmission lines to meet the maximum demand is 95 thousand kilowatts.

6. It will be seen, therefore, that there is an estimated monthly surplus of energy of 18 million kilowatt hours with a power surplus of 25 thousand kilowatts. The energy surplus could be increased if absolutely essential by decreasing the reservoir storage. This would of course be felt the following year. The maximum power surplus could be raised considerably with proper control of the use of power at peak load periods.

7. It is probable that the energy will put the Pescara and Terna group of stations out of action as they will not be available to supply Rome. It will, therefore, be necessary to plan to supply Rome from the stations at present in our hands.

8. At the present moment, however, the surplus power mentioned in para 6 above is not available, nor can present demands in the S.E. area be met because of damage to

energy in bulk from privately owned stations for distribution and re-sale. For the purpose of this memorandum all private companies interconnected with the S.E.C. system are regarded as part of the S.E.C.

4. The estimated average monthly demand for energy, within the S.E.C. area, for the coming year is 60 million kilowatt hours, with a peak load of 70 thousand kilowatts. This estimate is based on 70% of the peak-time demand schedule of the electric railways.

5. The unlicensed generating stations in the S.E.C. area now under Allied control have a monthly potential of 60 million kilowatt hours while the maximum power output of the stations and transmission lines to meet the maximum demand is 95 thousand kilowatts.

6. It will be seen, therefore, that there is an estimated monthly surplus of energy of 10 million kilowatt hours with a power surplus of 25 thousand kilowatts. The energy surplus could be increased if absolutely essential by decreasing the reserve storage. This would of course be felt the following year. The maximum power surplus could be raised considerably with proper control of the use of power at peak load periods.

7. It is probable that the energy will put the security and demand group of stations out of action as they will not be available to supply more. It will, therefore, be necessary to plan to supply them from the stations at present in our hands.

8. At the present moment, however, the surplus power mentioned in para 6 above is not available, nor can present demands in the S.E.C. area be met because of damage to the overhead grid system and to the sub-stations and subsidiary facilities. While system is however repairable to the extent that the 70% of the peak-time demand **3952** claimed in para 4 can be met.

9. At the present the president of the S.E.C. and his regional staff are dealing with separate demands from the S.E.C. district, the S.E.C., the S.E.C., the S.E.C., the S.E.C. and covered other concerns. He is without knowledge as to who should have priority and he does not know to whom he should apply for assistance in the matter of materials for repair. The need for these materials was in fact foreseen by the S.E.C. Branch S.E.C. some time ago and a quantity is on the way but it is unlikely that we shall be able to meet all his needs.

10. The system thereby every user is allowed independently to approach the producer of a commodity in short supply is obviously unsound and it is recommended that one person should be appointed to deal with the S.E.C. Furthermore, the repair of a national system cannot be dealt with on a parochial basis.

/over....., para. 11

24

11. This person should have the power to control:

- (a) the planning of the repair of the grid system and the priority in which the repairs should be carried out, and
- (b) supplies in any area where supply is exceeded by demand by rationing within the general policy laid down by the staff. All demands for supply should be made to him.

12. I would suggest that discussion of the foregoing be placed on the agenda for the first meeting of Engineer Resources Committee on the 22nd instant.

W. H. Andrews

Colonel,
D. O. M.

Re/om.

12 Nov. 42.

RECEIVED

12.11.42.
Col. 15 Army Group.
D.O., A.F.I.C.
G.O., No. 2 District,
M.O., M.O.
War Supply.

Subject: Electricity Supply - Italy.

Directorate of Works,
ATHQ Adv Adm Echelon,
C. M. F.

2052/DDW.

28 Nov, 1943.

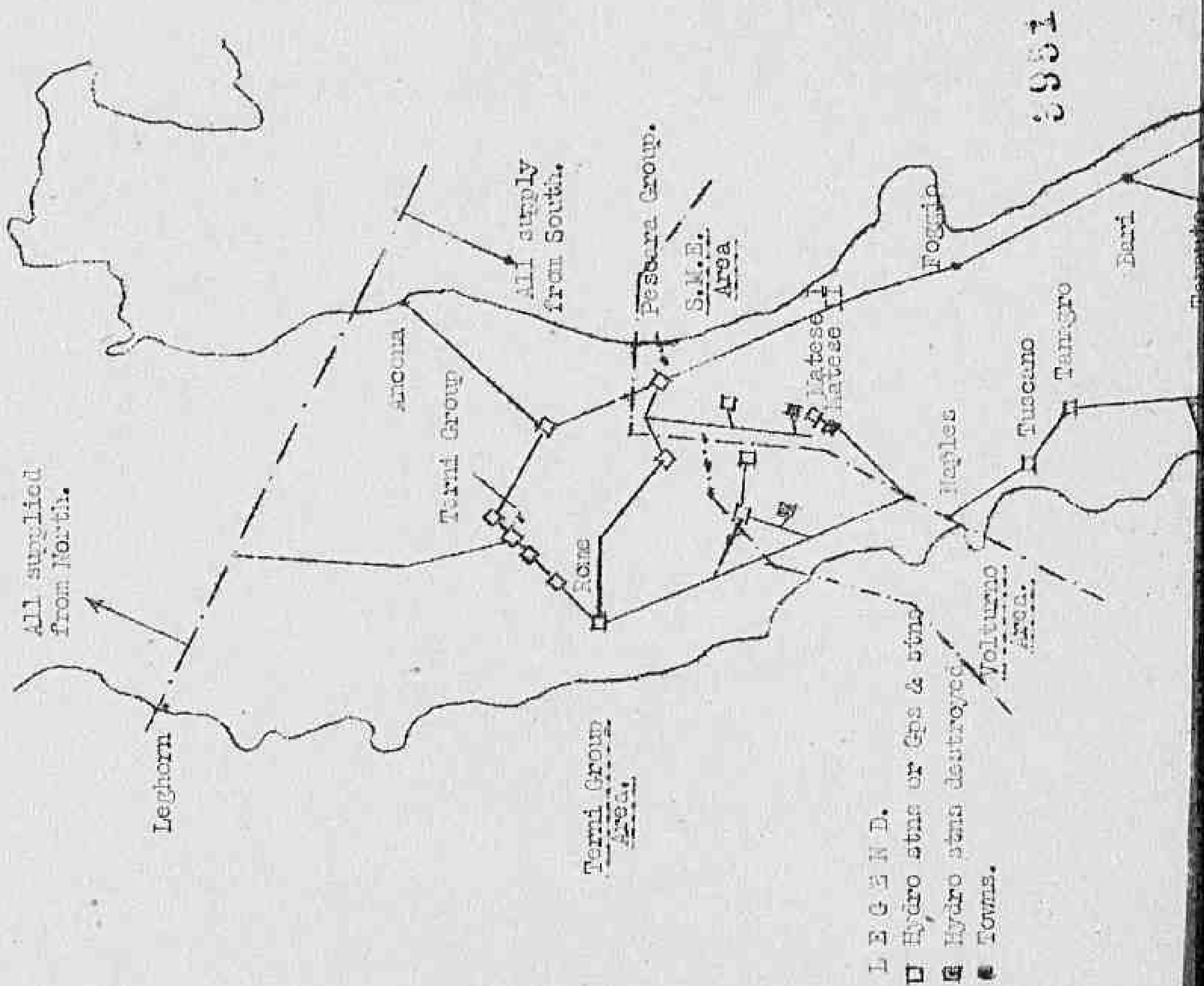
M.G.S.,
ATHQ Adv Adm Echelon,

Further to this office
memorandum on Electricity Suppl Italy,
ref 2052, dated 19 Nov, 43, herewith
map referred to.

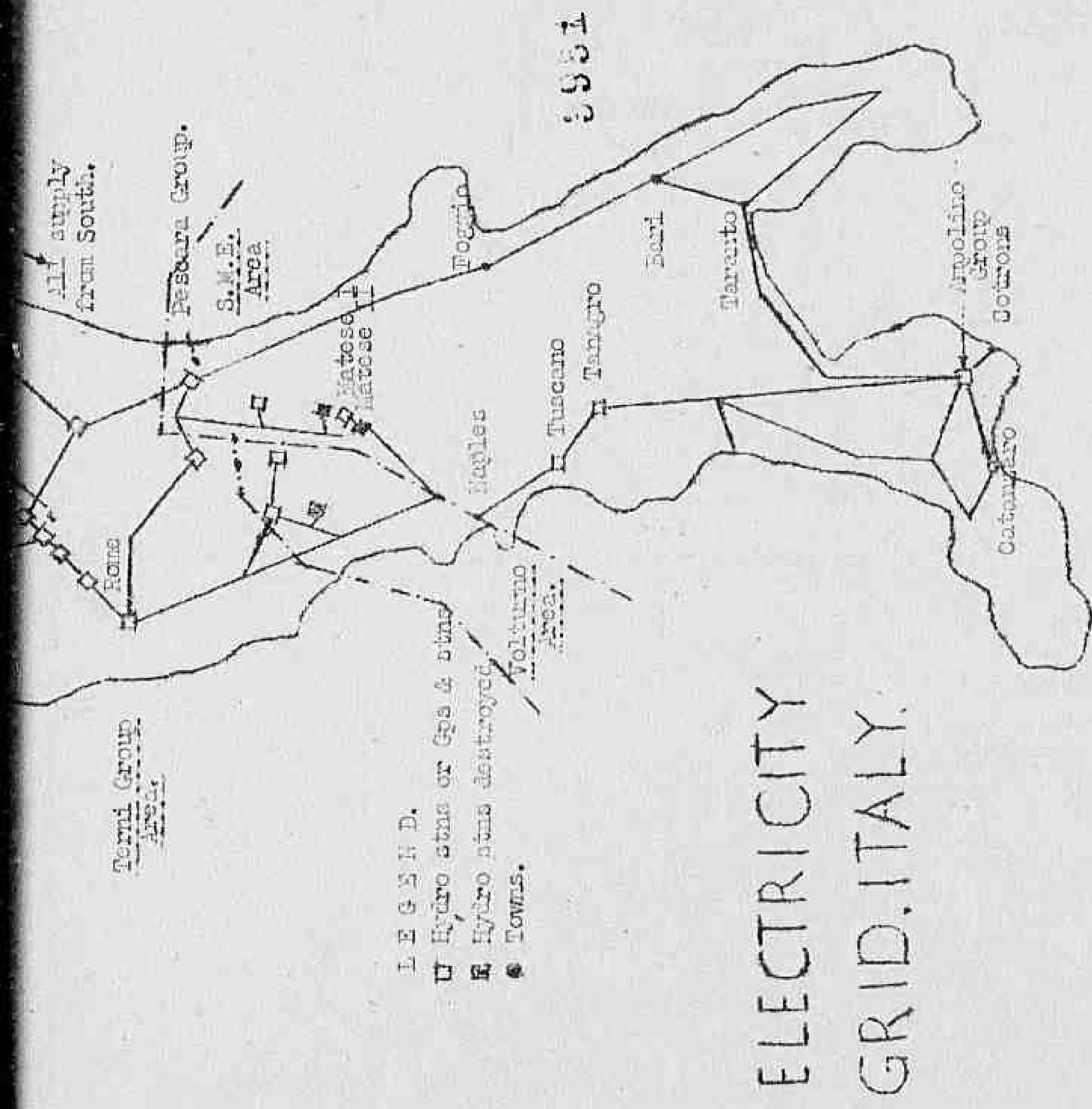
/WFW.

A.H. Glendinning
A.H. Glendinning,
Lt. Col, R.E.,
for Colonel,
D.D.W.

Enclos.



2953



I 695