

Declassified E.O. 12356 Section 3.3/NND No. 785017

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

785017

10000/109/750

AFLR(I)B ELECTRIC POWER COMMITTEE
OCT. 1944 - OCT. 1945

59

Re:

Trans from SB - material passage

CSB 61-63

61-63

CSB 61-63

CSB. Folios 61-63 for info.

Have requested report from PWD on para 14
as ~~presented~~ regulated by Ex Com. Copy from
ind for 4 Oct

End 3/10

EX-101

2379

2
 Chief Staff Officer: Reo see 19/10/12
 CSO: to see folio 11: previous totals allocated shown in para 19/10/12
 General improvement shown overall Electric Power Allocation for para. 19/10/12
 CSO: to see para. 32 and 33 of Meeting Minutes (folio 18) for info. Para 33
 refers to Appendix B (folio 15) talked to see for information 19/10/12

Franklin 19/12

33
 Loto Is see Para 4 addendum of folio 3, agenda for copies. Eastern
 Power Comm. meeting 12 April 1961 19/12/12 5 Apr

39

Chlo. For up. see folio 38 para 62, 63 + 66

31/10/12 19/12/12

47

Loto For info please see folio 46 para 71, & 72 and 73.
 19/12/12

Trans to H 1/2

33

Info to see how & schedule of film 31. Agents for copies. Estimate
 Proc Comm meeting & to hold 12 April 1966

PA

also 10/27/66
 15 Apr

39

Info. For info see film 38 para 62, 63 & 66

also 31/3/66

4/21/66

47

Info For info please see film 46 para 71, & 72 and 73-74.

also 24/4/65

PA 27/6

54

Info For info please see film 52 para 79

also 2/3

4/21/66

100-2151/4

ALLIED FORCES LOCAL REPRESENTATIVE SECTION
A.F.H.Q.

COPY NO: 52 68

Postal Address:
AFHQ, Room 402A,
ALLIED ISLAND,
P. O. P.

TEL: 66275 RUMS

27 October 1945

NOV 1 1945

ALLIED FORCES ELECTRIC POWER COMMITTEE

MINUTES

1. The first meeting of the Allied Forces Electric Power Committee was held on Saturday, 27 October 1945, in the AFHQ (AFHQ) Conference Room, RUMS.

PRESIDENT:

Chairman

Lt. Col. George T. PARKER
Public Works and Utilities Sub Commission (P), AFHQ
(Acting in absence of Brig. S. B. Edwards, Eng. (P), AFHQ)

Representatives of:

Engineer Section, AFHQ
D. W., G. H., C. H.
D. H., J., ITALY
C. B., A. B. S.
HQ, No 3 District
HQ, Public Area Allied Command
HQ, AFHQ
Public Works & Utilities
Sub-Commission, AFHQ

IN ATTENDANCE:

AFHQ, AFHQ, AFHQ

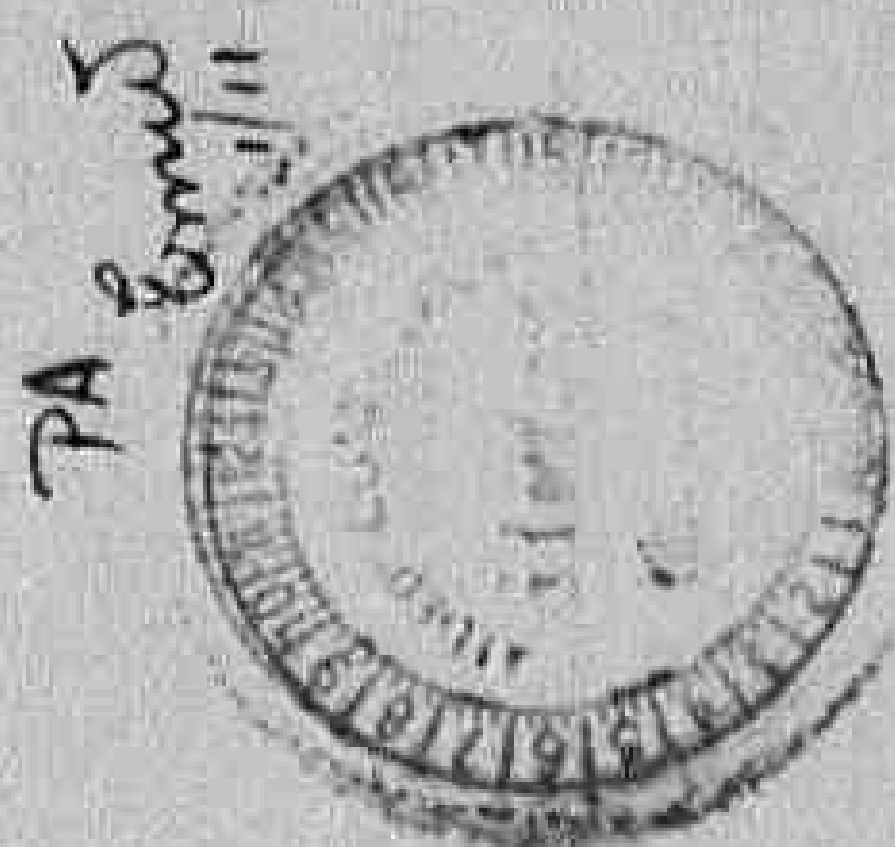
and representative of:

Chief of Section (US) AFHQ, AFHQ

2377

2. REPRESENTATIVE OF THE COMMITTEE:

AFHQ, AFHQ reported to the meeting that the recommendations made at



1. The first meeting of the Allied Force Electric Power Committee was held on Saturday, 27 October 1945, in the AFES (AFHQ) Conference Room, HQAFS.

PRESENT:

Chairman

Lt. Col. George F. PARKER
Public Works and Utilities Sub-Commission HQ, AFHQ
(Acting in absence of Brig. B. B. Edwards, Engin. (R) AFHQ)

Representatives of:

Engineer Section, AFHQ

Lt. Col. G. F. PARKER

Lt. Col. G. F. PARKER

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Lt. Col. G. F. PARKER

Lt. Col. G. F. PARKER

and representative of:

Chief of Section (US) AFES, AFHQ

2377

2. ESTABLISHMENT OF THE COMMITTEE:

AFES, AFHQ reported to the meeting that the recommendations made at the twenty-third meeting of the Electric Power Committee (Minute 95 refers) for the continuation of its functions when the Allied Force Local Resources (Italian) Board is dissolved, have been approved by the GAO, AFHQ and the Chief Commander Allied Commission in their capacity as Joint Chairmen of the Board.

The Allied Force Electric Power Committee was therefore established with chairmanship, membership and terms of reference similar to those of the Electric Power Committee of the A.P.L.R. (Italian) Board. The recommendations of the Committee will be passed to the J/GAO AFHQ for approval prior to publication.

3. MINUTES OF THE TWENTY-THIRD MEETING OF THE ELECTRIC POWER COMMITTEE:

The minutes of the 23rd meeting of the Electric Power Committee held on 29 SEP 45 were received.

/s/ AFHQ.....

PA 2/11

(CART WHITE)

HQ ALOM representative reported that the change to a frequency of 50 cycles upon the introduction of power from Central to Southern Italy would affect the areas of MESEVENTO and ROGGLA.

4. SUPPLY OF POWER FROM CENTRAL TO SOUTHERN ITALY:

HQ ALOM representative reported that due to a hold-up in production schedules at the Terni Steel Works the completion date for the reconstruction of the LAUNI - PESCARA power lines was now estimated to be mid-November. The completion of the repairs to the No. 2 Gallate generating unit was also anticipated to be effected by mid-November. When the above reconstruction is achieved it would be possible to supply 20x10³ KW peak load and 7x10⁵ KWH per month to the MESEVENTO - ROGGLA area from the Central Grid.

5. SILA RESERVOIR:

As of 25 October 1945 at 0700 hours, the SILA reservoir contained sufficient water to generate 63.7 x 10⁵ KWH. The average consumption on present allocations from this reservoir is 2 x 10⁵ KWH per day.

6. TRANSPORTER CAPACITY - TUSCANY:

The movement of the Peroleto Transformer to TUSCANY to increase the line carrying capacity into LAUNI from Southern Italy has not yet commenced as the only rail wagon suitable for transporting the transformer is at present in Northern Italy. Steps are being taken to obtain the use of this rail wagon and the necessary increased road bridge capacity from the rail sidings to TUSCANY has been installed. The Committee agreed that all possible steps should be taken to complete the movement of this transformer before the rainy season commences.

7. AVAILABILITY & ALLOCATION OF ELECTRIC POWER:

(a) Southern Italy

The additional storage capacity in the Sila Reservoir, referred to in minute 5 above, will permit of the present allocations of electric power in Southern Italy continuing through November in spite of the lack of rain in Southern Italy during October subject to the rainfall in November being normal or above normal. Should the dry conditions continue through November it is anticipated that the electric power availability in Southern Italy will have to be curtailed towards the end of November in spite of the anticipated relief afforded by the supply of power from Central Italy planned for mid-November.

allocations of electric power in Southern Italy were agreed upon as per Annexure I.

(b) Central Italy

5. SILA RESERVOIR:

As of 25 October 1945 at 0700 hours, the Sila Reservoir contained sufficient water to generate 63.7×10^6 kWh. The average consumption in present allocations from this reservoir is 2×10^6 kWh per day.

6. TRANSFORMER CAPACITY - TUSCANY:

The movement of the Furoletto Transformer to TUSCANY to increase the line carrying capacity into Naples from Southern Italy has not yet commenced as the only rail wagon suitable for transporting the transformer is at present in Northern Italy. Steps are being taken to obtain the use of this rail wagon and the necessary increased road bridge capacity from the rail siding to TUSCANY has been installed. The Committee agreed that all possible steps should be taken to complete the movement of this transformer before the rainy season commences.

7. AVAILABILITY & ALLOCATION OF ELECTRIC POWER:(a) Southern Italy

The additional storage capacity in the Sila Reservoir, referred to in minute 5 above, will permit of the present allocations of electric power in Southern Italy continuing through November in spite of the lack of rain in Southern Italy during October subject to the rainfall in November being normal or above normal. Should the dry conditions continue through November it is anticipated that the electric power availability in Southern Italy will have to be curtailed towards the end of November in spite of the anticipated relief afforded by the supply of power from Central Italy planned for mid-November.

Allocations of electric power in Southern Italy were agreed upon as per Annexure I.

(b) Central Italy

Due to the continued dry conditions the availability of electric power in Central Italy is reduced to 14.1×10^6 kWh and 94.2×10^6 kWh. An additional 22×10^6 kWh will become available on the completion of the repairs to the No 2 Galileo unit planned for mid-November but the Committee agreed that in view of the precarious situation of the power supply in Southern Italy this increased capacity should be made available to the NEAPOLITAN - LUCANIA area. The increased representative concurred with the above views, stressing the importance to the civilian economy of the industries in Southern Italy in comparison with those in Central Italy.

Allocations of electric power in Central Italy were agreed upon as per Annexure I.

8. FUTURE ACTIVITIES OF THE COMMITTEE:

The situation regarding the availability of electric power in Southern Italy shows no improvement since the last meeting of the Electric Power Committee due to two factors:-

- (a) the continuation of dry conditions;
- and (b) the delay in the completion of the ASCHI - PESCARA transmission line and the fourth generating unit at Gallarate Power Station.

Further, due to dry conditions, the availability of power in Central Italy is now reduced and cuts have had to be made in the November allocations.

The Committee therefore recommends that it holds a meeting in November to regulate the December allocations. It was agreed that HQ AICM should invite the appropriate Ministry of the Italian Government to be prepared to set up a similar body to the Allied Force Electric Power Committee to provide a National control of the use of electric power. Such a body to be prepared to take over the allocation of power throughout Italy from January 1946, it being however understood that military advisors would meet with the Committee and that military requirements of power must receive first priority. It was decided to invite Italian Ministry representatives to the next meeting of the Allied Force Electric Power Committee so that they might study the method of operation of the Committee.

9. NEXT MEETING:

Subject to the recommendations on its future activities being approved, the next meeting of the Committee will be held at 0930 hours on Saturday 24th November 1945.

S. J. B. LONDON, Major, ²³⁷fig.
Secretary,
ALLIED FORCE ELECTRIC POWER COMMITTEE.

GJHL/78.

to revitalize the December allocations. It was agreed that the above should be invited to the appropriate Ministry of the Italian Government to be prepared to set up a similar body to the Allied Force Electric Power Committee to provide a National control of the use of electric power. Such a body to be prepared to take over the allocation of power throughout Italy from January 1946, it being however understood that military advisors would meet with the Committee and that military requirements of power must receive first priority. It was decided to invite Italian Ministry representatives to the next meeting of the Allied Force Electric Power Committee so that they might study the method of operation of the Committee.

9. NOTE PERTINENT:

Subject to the recommendations on its future activities being approved, the next meeting of the Committee will be held at 0930 hours on Saturday 24th November 1945.

[Signature]
S.J.B. LOULEN, Major, ^{2nd} Lt.,
Secretary,
ALLIED FORCE ELECTRIC POWER COMMITTEE.

3-114/50.

DISTRIBUTION

See PERTINENT

DISTRIBUTION

REF No:

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10	C-1, AFHQ
11/18	C-4, AFHQ
19	Engineer Section, AFHQ
20	Placal Director, AFHQ
21	9(AE), CHQ, CAP
22	D.M., CHQ, CAP
23	P.M., CHQ, CAP
24	A.O.C., AFHQ, CAP, ITALY
25/26	AFHQ/AFHQ
27	A.F.A., AFHQ, CAP, ITALY
28/29	HQ, 214 Group, CAP
30/31	D.K.A., ITALY
32	Tu. (Main), Rome, CAP
33	Cs, University Trng Command
34/36	Cs, FRS
37	HQ, No 2 District
38	Cs, No 2 District
39	HQ, No 3 District
40	Cs, No 3 District
41/45	Cs, Rome Area Allied Command
46	P.O.I.L., Rome
47	SEAL/SEAL, ITALY
48	C.S., TAL/AFHQ
49	COG/COB, TAL/AFHQ
50	Chief Commissioner, HQ, AFHQ
51	HQ, AFHQ
52	Vice-President, Economic Section, HQ, AFHQ
53/58	Economic Section HQ, AFHQ
59/60	Industry Sub-Commission
61/75	Public Works & Utilities Sub-Commission
76	Chairman, Allied Forces Electric Power Committee
77/79	War Diary
80	File
81/105	Spores.

ANNEXURE I.

CENTRAL ITALY - NOVEMBER 1945

AREA SERVED AND RESPONSIBILITY OF DISTRICT	0600 hours to Morning Peak MW x 10 ³		2200 hours to Evening Peak MW x 10 ³		2200 hours to 0600 hours MW x 10 ³		Permissible Energy MW x 10 ³
<u>DISTRICT 3.</u>							
Terni	14.00		9.00		17.00		8.70
Terni Carbide					10.00		2.00
Terni (Nero Montoro Plant)	10.00		10.00		15.00		6.80
Verucia & Velino	4.00		3.00		4.00		2.30
Spolito	3.00		3.00		3.00		1.80
Ancona & Adriatic Coast to North including Rimini	12.00		12.00		4.70		5.90
Orvieto & District	1.00		1.00		1.50		.80
Adriatic South to Pescara inclusive of Aquila	4.00		4.00		2.50		2.40
Pescara	3.00		3.00		1.50		1.50
Rieti	1.50		1.50		1.25		.90
Viterbo	1.50		1.50		1.25		.90
Rome District	1.50		1.50		1.00		.80
<u>R.A.S.</u>							
Civitavecchia & Littoria	7.00		7.00		5.00		3.70
<u>R.A.A.P.</u>							
Rome	65.00		75.00		45.00		37.50
<u>A.R.S.</u>							
Railways	40.00		10.00		10.00		5.00
Sub-Total	137.50		141.50		124.70		61.50
<u>L.A.S.</u>							
Piove di	3.00		3.00		1.50		
Grosseto	4.00		4.00		2.00		
Livorno	2.00		2.00		1.00		
Stena	3.00		3.00		1.50		
PL. Roma	22.00		22.00		22.00		
Liguria	17.00		17.00		8.00		
Luna	12.00		12.00		5.00		
Platina	3.00		3.00		2.00		
Prato	6.40		6.40		4.00		
							28.00
							2375

Province of Aquila	4.00	4.00	2.50	2.10
Teramo	3.00	3.00	1.50	1.50
Rieti	1.50	1.50	1.25	.90
Viterbo	1.50	1.50	1.25	.90
Rome District	1.50	1.50	1.00	.80
<u>P.A.D.</u>				
Civitavecchia & Littoria	7.00	7.00	5.00	3.70
<u>R.A.D.</u>				
Rome	65.00	75.00	45.00	37.50
<u>A.R.D.</u>				
Railways	10.00	10.00	10.00	5.80
<u>Sub-Total</u>	137.50	141.50	124.70	81.50
<u>P.H.S.</u>				
Piedmont	3.00	3.00	1.50	2375
Alessandria	4.00	4.00	2.50	
La Spezia	2.00	2.00	1.00	
Genoa	3.00	3.00	1.50	
Flora	22.00	22.00	8.00	
Imperia	17.00	17.00	5.00	
Laureana	12.00	12.00	3.00	
Platina	3.60	3.60	4.00	28.00
Enna	6.40			
<u>DISTRICT 2</u>				
Arezzo & District	4.50	4.50	3.20	
<u>Sub-Total</u>	79.50	79.50	50.20	28.00
<u>GRAND TOTAL</u>	217.00	221.00	174.90	109.50

NOTE (+) This allocation may be used by the Moro Kontoro Plant subject to some of the other allocations being affected thereby.

ATTACHMENT I.

SOUTHERN ITALY - NOVEMBER 1945

AREA SERVED	RESPONSIBILITY OF	PERMANENT 15 Minute Peak kW x 10 ³	PERMISSIBLE ENERGY KWH x 10 ⁶
Apulia Co. To Bassi	3 District	36.00	12.50
Naples District	3 District	4.00	0.40
Campania Co.	P.B.S.	37.00	18.50
(1) Brattinagione	P.B.S.	3.50	2.20
(11) Padigliano	3 District	1.50	1.20
(111) Salerno-Torre-Cast.	3 District	19.30	10.50
(17) Benevento	3 District	3.25	1.40
(17) Salerno	3 District	4.00	0.60
(21) Santa Maria	P.B.S.	5.50	2.80
Lucania Co.	3 District	4.00	1.50
Salerno, Naples Area (-)	A.S.S.	1.50	1.10
Foggia Benevento	M.R.S.	3.00	3.00
Salerno-Torre.	M.R.T.	2.00	1.10
TOTAL 150 KV AT SUBSTATIONS		123.25	63.85
Calabria 60 KV System		8.50	2.00
(11) Calabria Co	ALOM	5.50	2.40
(11) Calabria	M.S.S.	14.00	4.40
TOTAL 60 KV AT SUB STATIONS		137.25	66.25
TOTAL 150 KV & 60 KV		165.00	80.00
TOTAL AS PLANS			

NOTE: (+) A.S.S. to submit their requirements for an increased allocation for the electrification of the VILLA LINDO section of the SAL - NAPLES line to A.S.S. when the exact date of requirement of this power is known and if increased power is available in Southern Italy, due to either interconnection with Central Italy or an adequate rainfall, this additional allocation will be authorized.

ALLIED FORCE ELECTRICAL SECTION

A.F.E.S.

Signal Division

AFHQ, Rome, Italy, Allied Command

C. S. F.

Telephone: 5627, 1042

1945 October 1945

OFF 27/10/45

ALLIED FORCE ELECTRICAL POWER SECTIONAGENDA

The first meeting of the Allied Force Electric Power Committee will be held at 0930 hours on Saturday 27th October '45, in the AFHQ Conference Room, 2nd Floor, 68 Piazza dell'Esedra, Rome, to consider the following agenda :-

1. Minutes of the twenty-third meeting of the Electric Power Committee of the A.F.L.R. (Italian) Board held on 29 SEP 45.
2. To receive reports from HQ Allied Commission on the progress made in :-
 - (a) The reconstruction of power lines to permit of a supply of Electric Power from Central to Southern Italy.
 - (b) The present status of the Tiber level in the Siga reservoir.
 - (c) The installation of additional transformer capacity at TUSCANO.
3. To review the schedule of allocation of electric power in Central and Southern Italy and to receive applications for revised allocations for the month of November.
4. Any other business.
5. To set a date for the next meeting.

2374

W. L. L. L.

Board's main Room, 2nd floor, 68 Piazza Gall'Esedra, Milan, to consider the following agenda :-

1. Minutes of the twenty-third meeting of the Electric Power Committee of the A.T.L.R. (Italian) Board held on 29 SEP 45.
2. To receive reports from HQ Allied Commission on the progress made in :-
 - (a) The reconstruction of power lines to permit of a supply of electric power from Central to Southern Italy.
 - (b) The present status of the water level in the Bilsa reservoir.
 - (c) The installation of additional transformer capacity at MUGLIANO.
3. To review the schedule of allocation of electric power in Central and Southern Italy and to receive applications for revised allocations for the month of November.
4. Any other business.
5. To set a date for the next meeting.

2374

A. G. G. G.

21 OCT 1945

S. A. LUTHER, Major, RAAF,
Secretary,
ALLIED FORCE ELECTRIC POWER COMMITTEE.

John (Capt) Wharton

PA 1/10

DISSEMINATION

Copy No:

1/2	C-10-C, Head
3/5	Comdr., US Naval Forces in American Waters
6	CAO, AFHQ
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20	CA, AFHQ
21	Miscellaneous Director, AFHQ
22	AS, AFHQ, Chief
23	PA, AFHQ, Chief
24	A.O.C., AFHQ, Chief
25	A/PA, AFHQ, Chief
26/27	AS/PA, AFHQ
28/29	AF 214 Group RAF
30/31	D.H.R., Italy
32	TO, (Main), AFHQ, Chief
33/35	AS, AFHQ
36	AS, 2 District
37	AS, 2 District
38	AS, 1 District
39	AS, 3 District
40/44	AS, AFHQ, AFHQ, AFHQ
45	P.O.L.L., AFHQ
46	AS/AFHQ, AFHQ
47	Chief, AFHQ, AFHQ
48	AS, AFHQ
49/54	Economic Section, AFHQ
55/56	Industry Sub-Committee
57	Public Works & Utilities Sub-Committee
58	Chairman, Allied Forces Joint Chiefs of Staff Committee
59/61	War Diary
62	File
63/64	Spares

4070
 55 63
 CDP NO.
 ALLIED FORCE LOCAL RESOURCES SECTION
 .FKA

Postal Address:
 AFPS (RMC), APO 512.
 Telephone: ROME 66063

29 September 1945

ALLIED FORCE LOCAL RESOURCES (LOCAL) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

90. The twenty-third meeting of the Electric Power Committee was held at 0930 hours on Saturday 29 September 1945 in the AFPS (AFPS) Conference Room, ROME.

PRESENT:

Chairman

Lt. Col. GEORGE F. BARBER

Public Work & Utilities S.C. HQ ACOM

(Acting in absence of Brig. B. E. EDWARDS, Lt. Col. (B), AFPS)

REPRESENTATIVES OF:

D.T., AFPS

DNR, ITALY

CO, HBS

EC, No. 3 District

OG, Rome Area Allied Command

Public Works & Utilities

Sub/Commission, HQ, ACOM

ATTENDANCE:

Chief of Section (US), AFPS, AFPS

DEPTG, AFPS, AFPS

91. MINUTES OF LAST MEETING.

The minutes of the twenty-second meeting held on 25 August 1945 were approved. HQ, ACOM representative reported that the areas in Southern Italy in which it was proposed to change to 50 cycles frequency upon the introduction of power supplied from Central Italy, were around Foggia but that their exact extent was still under discussion.

92. MINUTES OF 20.30 MEETING.

Room, 303E.

AGENDA:

Chairman

Lt. Col. GEORGE F. PARKER

Public Works & Utilities S.C. HQ, LCC

(Acting in absence of Brig. B. B. EDWARDS, Engrs. (B), JPL)

REPRESENTATIVES OF:

D.J., JPL

DER, ITALY

CS, PB3

HQ, No. 3 District

CO, Rome Area Allied Command

Public Works & Utilities

Sub/Commission, HQ, LCC

IF ATTENDANCE:

Chief of Section (US), JPLS, JPL

DJPS, JPLS, JPL

91. MINUTES OF LAST MEETING.

The minutes of the twenty-second meeting held on 20 August 1945 were approved. HQ, LCC representative reported that the areas in Southern Italy in which it was proposed to change to 50 cycles frequency upon the introduction of power supplied from Central Italy were around Foggia but that their exact extent was still under discussion.

92. MINUTES OF BOARD MEETING.

Such matters as arose for discussion from the meeting of the Board held on 22 August 1945 are dealt with in Minute 95 below. JPLS (JPLS) reported that the recommendation made by the Committee in respect of the fuel oil supply to the Naples Thermal Station had been approved by the Board and was now being dealt with by the D/C.O. JPL.

93. ALLOCATION OF POWER - OCTOBER.

Report was received from HQ, LCC on the amount of power available in Central and Southern Italy. Demands from Base sections, Districts, etc., were received and allocations were made as per Annexure 1 attached.

94. SOUTHERN ITALY - POWER SITUATION.

The situation envisaged by the Committee at its meeting held on 21 July 1945 (Minute 79 refers) has not developed and unless a considerable increase in rainfall takes place the supply of water in the Sila reservoir will be exhausted at the beginning of November.

The Committee.....

(Copy us to chief comm)

The Committee strongly recommends to the Board that an order be issued by ENEL restricting the use of electricity in Southern Italy enforcing the strictest economy with a view to conserving as long as possible such small supplies of water in the Gila reservoir as remain.

95. TERMINATION OF THE ACTIVITIES OF THE COMMITTEE.

In accordance with the instructions of the Board the Committee considered procedure for the continuation of its functions should the Board be dissolved.

The Chairman gave a brief resume of the situation regarding the supply of electric power in Italy as follows:

"Throughout the whole of Northern Italy and as far South as a line drawn from L. at to West through LA SPEZIA and BOLOGNA and inclusive of both those towns, the supply of electric power is sufficient to meet the needs of both the civilian population and the military forces stationed in that area.

The Central ITALY grid covers an area stretching from the southern boundary of the Northern area to a line drawn from O. to P. In this area the supply of power is sufficient to meet military demands only so long as the civilian requirements are restricted by rationing.

In Southern ITALY, namely the entire mainland lying to the South of the Southern boundary of the Central ITALY grid, the supply of power is inadequate to meet military requirements plus essential civilian demands with the result that cuts have had to be made in tramway and train services, street lighting, steel works and repair yards and large fertilizer manufacturing plants have been unable since 1 July 1945 to continue production.

The following steps are being taken to improve this situation:

- (a) a transmission line carrying power from the Central ITALY grid to the eastern side of Southern ITALY is planned to be completed towards the end of October.
- (b) repairs to a transmission line between the Central ITALY grid and the P. area are estimated to be completed by the 31 December 1945.
- (c) a plan is under consideration for the installation of additional transformer capacity on the main transmission line into P. from the South.

It will not be until the allocations for November are under consideration that the effect of any of these steps will be felt. It will then be necessary to consider the total availability of electric power throughout Southern and Central ITALY and obtain the views of all interested Services before allocations are made.

The Central Italy grid covers an area stretching from the southern boundary of the Northern area to a line drawn from 0.55N to 15.00E. In this area the supply of power is sufficient to meet military demands only so long as the civilian requirements are restricted by rationing.

In Southern Italy, namely the entire mainland lying to the South of the Southern boundary of the Central Italy grid, the supply of power is inadequate to meet military requirements plus essential civilian demands. With the result that cuts have had to be made in tramway and train services, street lighting, steel works and repair yards and other fertilizer manufacturing plant has been unable since 1 July 1945 to continue production.

The following steps are being taken to improve this situation:

- (a) A transmission line carrying power from the Central Italy grid to the Southern side of Southern Italy is planned to be completed towards the end of October.
- (b) Repairs to a transmission line between the Central Italy grid and the M.F.L.S. area are estimated to be completed by the 31 December 1945.
- (c) A plan is under consideration for the installation of additional transformer capacity on the main transmission line into M.F.L.S. from the South.

It will not be until the allocations for November are under consideration that the effect of any of these steps will be felt. It will then be necessary to consider the total availability of electric power throughout Southern and Central Italy and obtain the views of all interested Services before allocations are made.

The Committee therefore unanimously recommended to the Board that:

- (1) The control of the bulk allocation of electric power in Central and Southern Italy should remain in the hands of the military.
- (11) In view of the present difficulties of electric power supply in Southern Italy and the necessity for the careful control of bulk allocations of power for transmission from Central to Southern Italy a Committee constituted on similar lines to the present Committee should continue to function and make bulk allocations of power. Such a Committee to review the necessity for continuing its functions at each meeting with a view to terminating its activities as soon as possible compatible with the requirements of the Allied Forces for electric power being ensured. The recommendation of such a Committee to be passed to the D/CasO, JFE, for approval prior to publication.

96. NEXT MEETING.

The next meeting of the Committee, or the first meeting of the Committee proposed in Minute 95 above will be held at 09.30 hours on Saturday 27 October 1945.

A/B Louden

S.J.B. LOUDEN, Major, DCMG,
Secretary,
... F.L.R. (ITALIAN) BCJHD.

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52	Chief Commissioner, AFK
53	AFK
54	Vice-President, Economic Section
55	Economic Section
56	Industry Sub-Commission
57/62	Public Works & Utilities Sub-Commission
63/64	Chairman, Electric Power Committee
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EXHIBIT I.

CENTRAL ITALY (OCTOBER 1945)

AREA SERVED & RESPONSIBILITY OF	KW x 10 ³ 0600 hours to	KWH x 10 ⁶ 2200 hours	KW x 10 ³ 2200 hours to	KWH x 10 ⁶ 0600 hours
DISTRICT 3				
Terni	19.00	7.50	17.00	3.20
Terni Carbide	-	-	10.00	2.00
* Terni (Nera Montero Plant)	15.00	5.90	15.00	3.00
Perugia & Foligno	5.00	2.00	4.00	0.80
Spoleto	3.50	1.40	3.00	0.60
Ancona & Adriatic coast to North exclusive of Fano	6.60	2.50	4.10	0.80
Arezzo & District	4.50	1.80	3.20	0.60
Orvieto & District	2.00	0.80	1.50	0.30
Adriatic South to Pescara	1.50	0.60	1.50	0.30
Frosinone	3.00	1.20	1.50	0.35
Rieti	1.50	0.70	1.25	0.30
Viterbo	1.50	0.70	1.25	0.30
Rome (District)	1.50	0.70	1.00	0.25
Aquila	1.50	0.70	1.00	0.25
P.B.S.				
Grosseto	4.00	1.50	2.00	0.40
Larderello	2.00	0.80	1.00	0.20
Siena	3.00	1.20	1.50	0.35
Civitavecchia & Littoria	7.00	2.70	5.00	1.00
Piombino	3.00	1.20	1.50	0.35
Railways				
Rome	80.00	31.70	45.00	9.00
M.R.S.				
Railways	10.00	4.00	10.00	2.00
DISTRICT 2				
Rimini & Adriatic coast to S. inclusive of Fano	2.60	1.00	2.60	2371
P.B.S.				
Florence	22.00	8.70	22.00	4.10
Laghorn	17.00	6.80	8.00	1.50
Lucca	12.00	4.70	5.00	1.00
Pistoia	3.60	1.40	2.00	0.40
Prato	8.40	3.20	4.00	0.70
TOTAL	240.70	95.20	174.90	34.55

* This allocation may be used by the NERA MONTERO Plant subject to none of the other allocations being effected thereby.

ANNEXURE I (Cont'd)SOUTHERN ITALY (OCTOBER 1945)

<u>AREA SERVED</u>	<u>RESPONSIBILITY OF</u>	<u>PERMISSIBLE 15 Minute Peak KW x 10³</u>	<u>PERMISSIBLE ENERGY KWH x 10⁶</u>
Apulia Co.	3 District	6.00	19.50
To UNES	3 District	1.00	0.40
BASILIC DISTRICT	P.B.S.	37.00	18.50
Orsogna Co.			
(i) Frattomaggiore	P.B.S.	3.50	2.20
(ii) Pomigliano	3 District	1.50	1.25
(iii) Salerno-Torre-Cast	3 District	19.00	10.50
(iv) Benevento	3 District	3.25	1.40
(v) Calore	3 District	1.00	0.60
(vi) Santa Maria	P.B.S.	5.50	2.80
Lucania Co.	3 District	4.00	1.50
Railways - Naples area	P.R.S.	1.50	1.10
Foggia Benevento	P.R.S.	8.00	3.00
Salerno-Torre	P.R.S.	2.00	1.10
TOTAL 150 KV at SUB STATIONS		123.25	63.85
Calabria 60 KV System			
(i) Calabria Co.	ALCON	8.50	2.00
(ii) Railways	P.R.S.	5.50	2.40
TOTAL 60 KV at SUB STATIONS		14.00	4.40
TOTAL 150 KV & 60 KV		137.25	68.25
TOTAL T PLANTS		155.00	80.00

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ALLIED FORCE LOCAL RESOURCES SECTION
AFRSPostal Address:
AFRS (RAAC), APO 512.

Telephone: ROME 66275

18 September 1945

LRS/215A

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

SOUTHERN ITALY - ROMANIA

SEP 20 1945

The twenty-third meeting of the Electric Power Committee will be held at 0930 hours on SATURDAY, 29 September 1945, in the AFRS (AFHQ) Conference Room, 2nd Floor, 58 Piazza dell'Esedra, ROME, to consider the following Agenda:

1. Minutes of the twenty-second meeting held on 25 August 1945.
2. To consider any matters arising out of the meeting of the Board held on 22 September 1945.
3. To review the schedule of allocations of electric power in Central and Southern Italy and to receive applications for revised allocations for the month of October.
4. To receive a report from HQ Allied Commission on the progress made in the reconstruction of power lines to permit of a supply of Electric Power from Central to Southern Italy.
5. Any other business.
6. To set a date for the next meeting.

19SEP1945

S. J. B. LOUDEN, Major, DAGE,
Secretary,
A. F. L. R. (ITALIAN) BOARD.

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AUG 23 1945
25th AUG 26 1945

ALLIED FORCE LOCAL - DMRG (ITALIAN) DMRG

EMERGENCY POWER QUALITY - MINUTEL

52. The twenty-second meeting of the Local Power Committee was held at 0930 hours on Saturday 23 AUG 1945 in the AFHQ Conference Room, AFHQ.

PRESENT:

Colonel Thomas H. Wilson AFHQ (AFHQ)
acting in absence of Brig. S. J. Wilson, Enga (E), AFHQ

Representatives of:

A. F. S. S.
AFHQ, AFHQ

AFHQ, AFHQ

HQ, No 2 District

OF, Rose Area Allied Command

AFHQ, AFHQ

Public Works & Utilization

Sub-Commission, HQ AFHQ

28 AUG 1945

2369

IN ATTENDANCE:

Acting Chief of Section (AF) AFHQ, AFHQ

53. MINUTES OF LAST MEETING:

The minutes of the twenty-first meeting held on 21 July 1945 were approved.

MD
S. H.

ELECTRIC POWER BOARD - MINUTES

22. The twenty-second meeting of the Electric Power Committee was held at 0930 hours on Saturday 29 AUG 1945 in the AFMCS (AFMCS) Conference Room, HQ 3.

PRESENT:

Colonel William S. HARRIS (AFMCS)
acting in absence of Brig. Gen. HARRIS, Engin (B), AFMCS

Representation of:

D.H. (AFMCS)
I.D. (AFMCS)
O.D. (AFMCS)

HQ, No 3 District

CO, Home and Allied Command

HQ 3

Public Works & Utilization

Sub-Collection, HQ 3

28 AUG 1945

2369

IN ATTENDANCE:

Acting Chief of Section (EC) AFMCS, AFMCS

23. MINUTES OF LAST MEETING:

The minutes of the twenty-first meeting held on 21 July 1945 were approved.

24. MINUTES OF BOARD MEETING:

The only matter which arose from the meeting of the Board held on 4 August 1945 is dealt with in minute 25 below.

25. HQ 3 DISTRICT ELECTRIC POWER MEETING:

In accordance with the instructions of the Board (AFMCS) of the Board meeting held on 4 August 1945 (ref. 1), a meeting was held at HQ 3 District on 10th August 1945 and the following recommendations were made:-

(a) That the civil Industrial Installation in Southern Italy be reviewed by the Italian Government and Industry Sub-Committee HQ AFMCS with the view to discontinuing such install. as they are considered non-essential in order that power may be made available to higher priority demands.

(b) That military installations be reviewed and a list prepared of those now under construction or at which no further construction is required.

(Car HARRIS) *[Signature]*

- 2 -

HQ No 3 District representative reported that the list referred to in sub-para (b) above was in course of preparation and would be forwarded to HQ ALCOM as soon as available.

86. ALLOCATION OF POWER - SEPTEMBER:

A report was received from HQ ALCOM on the amount of power available in Central and Southern Italy. Demands from Base Sections, Districts, etc., were received and allocations were made as per Annexure I attached.

The combined demand of the Central Italy Grid and the Valdarno System has so far in August only reached a peak of 170,000 KW as compared with 196,200 KW, the peak authorized for August. The Committee considered that the difference was caused by authorized loads not yet having been connected and agreed to allocate 15,000 KW peak load to the Terni Asmonia Plant at Nera Montoro with the following provisions :-

(a) That the plant will be disconnected, wholly or partially as necessary, if the connecting of other loads, already authorized, causes the system to become overloaded.

(b) That the load will be reduced at the plant in the event that the system becomes overloaded during times of peak load or emergencies.

87. INTERCONNECTION OF CENTRAL WITH SOUTHERN ITALY:

The following report was received from HQ ALCOM:-

"Present indications are that the 150,000 volt electric transmission line interconnecting Central and Southern Italy now under repair will be completed by the end of September in accordance with the following :-

Fossano III to Archi (the south end of the line, belonging to the Societa Meridionale di Elettricit ) finished by 15 SEPT 1945.

Archi to Aquila (the north end of the line, belonging to the Societa Terni) finished by 30 SEPT 1945"

HQ ALCOM reported that transportation to assist in the reconstruction of the above lines is now being made available.

Certain difficulties may arise in Southern Italy in the event of a frequency change arising from the interconnection especially in those areas which are at present on 42 cycles. HQ ALCOM representative undertook to submit to HQ 3 District and AFHQ details of the area or areas in Southern

There was caused by authorized items not yet having been connected and agreed to allocate 15,000 KW peak load to the Terni Ancona Plant at Nora Montoro with the following provisions :-

- (a) That the plant will be disconnected, wholly or partially as necessary, if the connecting of other loads, already authorized, causes the system to become overloaded.
- (b) That the load will be reduced at the plant in the event that the system becomes overloaded during times of peak load or emergencies.

57. INTERCONNECTION OF CENTRAL WITH SOUTHERN ITALY:

The following report was received from HQ ALCOM:-

"Present indications are that the 150,000 volt electric transmission line interconnecting Central and Southern Italy now under repair will be completed by the end of September in accordance with the following :-

Pescara III to Archi (the south end of the line, belonging to the Societa Meridionale di Eletticità) finished by 15 SEPT 1945.

Archi to Aquila (the north end of the line, belonging to the Societa Ternd) finished by 30 SEPT 1945."

HQ ALCOM reported that transportation to assist in the reconstruction of the above lines is now being made available.

Certain difficulties may arise in Southern Italy in the event of a frequency change arising from the interconnection especially in those areas which are at present on 42 cycles. HQ ALCOM representative undertook to submit to HQ 3 District and AFAS details of the area or areas in Southern Italy in which they proposed that the 50 cycles frequency should become effective consequent upon receipt of power from Central Italy.

58. FUEL OIL:

It was reported that the allocation of fuel oil to the Capuano Thermal Plant at Naples was being reduced by approximately 10% for the month of September. Any reduction of fuel oil allocation would result in a consequent reduction of power output which could ill be suffered in Southern Italy at present due to the considerably reduced output of the river stations and the danger of low water level in the Sila reservoir.

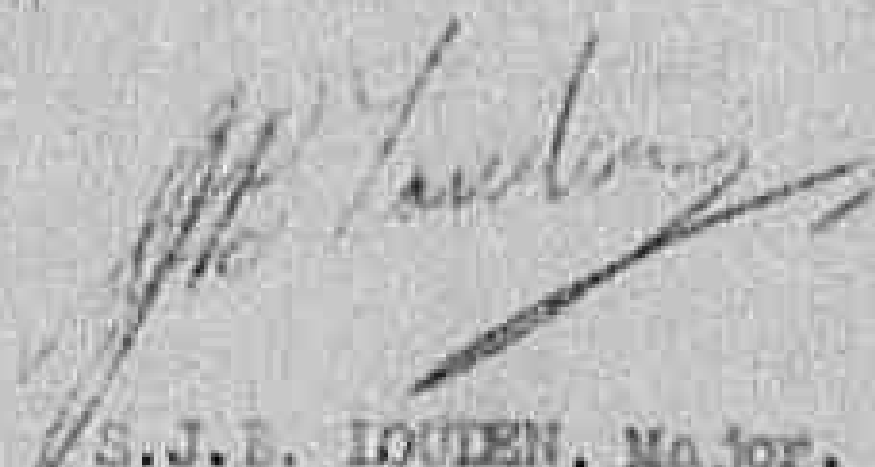
The Committee consequently recommended to the Board that consideration be given to the possibility of restoring the allocation of fuel oil to the Capuano Plant to its previous level.

- 3 -

89. NEXT MEETING:

The next meeting of the Committee will be held at 0930 hours on Saturday 29 September 1945 in the AFHQ (AFHQ) Conference Room, ROME.

SPHL/gp.



S.J.B. DODEN, Major, DAAG,
Secretary,
A. F. L. R. (ITALIAN) BOARD.

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CENTRAL ITALY (SEPTEMBER 1945)

ANNEXURE 1.

AREA SERVED & RESPONSIBILITY OF	KW x 10 ³ 0600 hours to		KWH x 10 ⁶ 2200 hours to		KW x 10 ³ 2200 hours to		KWH x 10 ⁶ 0600 hours	
<u>DISTRICT 3</u>								
+Terni								
Terni Carbide	12.00		7.30		17.00		3.20	
Perugia & Foligno								
Spoleto	5.30		2.00		10.00		2.00	
Ancona & Adriatic Coast to	5.50		1.40		4.40		.80	
North exclusive of RANCO					3.00		.60	
Primoli & Adriatic Coast to	6.50		2.50		4.10		.80	
South inclusive of RANCO								
Arcese District	2.50		1.00		2.60		.50	
Orvieto & District	4.50		1.80		3.20		.60	
Adriatic South to Pescara	2.00		.80		1.50		.30	
Provincina	1.50		.70		1.50		.30	
Sieti	3.00		1.20		1.50		.30	
Viterbo	1.50		.70		1.25		.30	
Rome (District)	1.50		.70		1.25		.30	
Aquila	1.50		.70		1.00		.25	
<u>F.B.S.</u>								
Civitavecchia & Littoria	7.00		2.70		5.00		1.00	
Flaminio	16.00		6.30		16.00		5.00	
Laghorn	15.00		6.00		8.00		1.50	
Lucca	8.00		3.10		5.00		1.00	
Picubino	2.50		1.00		1.50		.35	
Grechetto	4.00		1.50		2.00		.40	
Lardarello	1.00		.35		1.00		.20	
Pistoia	3.00		1.20		2.00		.40	
Prato	7.00		2.70		4.00		.70	
Siena	2.00		.80		1.50		.35	
<u>R.A.A.C.</u>								
Rome	30.00		31.70		45.00		9.00	
<u>M.R.S.</u>								
Railways	10.00		4.20		10.00		2.00	
<u>TOTAL</u>	<u>202.20</u>		<u>32.95</u>		<u>154.30</u>		<u>30.50</u>	

* 15.00 KW x 10³ peak load may be used by the RERA and RANCO PLANT subject to none of the above allocations being affected thereby.

† This increased allocation (over July 1945) is contingent on the voltage at ANCONA not being affected thereby.

2367

APPENDIX I (cont'd)

SOUTHERN ITALY (SEPTEMBER 1944)

AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 Minute peak KW x 10 ³	PERMISSIBLE ENERGY KWH x 10 ⁶
Apulia Co.	3 District	36.00	19.50
To UNCS	3 District	3.50	1.10
NAPLES DISTRICT	F.R.S.	37.00	18.50
Campania Co.			
(i) Pratozangliore	F.R.S.	3.50	2.20
(ii) Pozzuolo	3 District	1.50	1.10
(iii) Salerno-Torre-Cant.	3 District	19.00	10.50
(iv) Benevento	3 District	3.25	1.40
(v) Colore	3 District	1.00	0.60
(vi) Santa Maria	F.R.S.	5.50	2.90
Lucania Co.	3 District	6.00	1.50
Railways, Naples Area	M.R.S.	1.50	1.10
Foggia-Benevento	M.R.S.	2.00	1.00
Salerno-Torre	M.R.S.	2.30	1.10
TOTAL 150 KV AT SUB STATIONS		125.75	64.55
Calabria 60 KV System			
(i) Calabria Co.	A.R.S.	8.50	2.00
(ii) Railways	M.R.S.	3.00	1.70
TOTAL 60 KV AT SUB STATIONS		11.50	3.70
TOTAL 11 KV & 60 KV		137.25	68.25
TOTAL AT PLANTS		135.00	80.00

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ALLIED FORCE LOCAL RESOURCES SECTION
AFHQ

Postal Address:
AFPRS, Rome Area
Allied Command, CEF.

Tel: ROME 66275

LRS/215A

16 August 1945
AUG 18 1945

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - AGENDA

The twenty-second meeting of the Electric Power Committee will be held at 0930 hours on SATURDAY, 25 AUGUST 1945, in the AFPRS (AFHQ) Conference Room, 2nd Floor, 68 Piazza dell'Esedra, ROME, to consider the following Agenda:-

1. Minutes of the twenty-first meeting held on 21 JULY 1945.
2. To consider any matters arising out of the meeting of the Board held on 4 AUGUST 1945.
3. To review the schedule of allocation of electric power in Central and Southern Italy and to receive application for revised allocations for the month of SEPTEMBER.
4. To receive a report from HQ, Allied Commission on the progress made in the reconstruction of power lines to permit of a supply of Electric Power from Northern through Central to Southern Italy.
5. Any other business.
6. To set a date for the next meeting.

S. J. B. Loudon
S. J. B. LOUDON, Major, *215A*
Secretary,
A. P. L. R. (ITALIAN) BOARD.

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6	CAO, AFHQ.
7	D/CAO, AFHQ.
8/15	G-4 (A), AFHQ.
16	G-4 (B), AFHQ (for DQIG).
17/18	G-5, AFHQ.
19	Engineer Section, AFHQ.
20	Engrs (B), AFHQ.
21	Director of Engr Stores, AFHQ.
22	Fiscal Director, AFHQ.
23	F.A., AFHQ.
24	C.G., ETOUSA.
25	G.P.A., ETOUSA.
26/27	D.I.L.R., ITALY.
28	Tn. (Main), Rome, CAP.
29	USAAT/ETO.
30/31	AAFSC/LTO.
32/33	HQ, 214 Group, RAF.
34	F.A., RAF.
35/37	C.E., PBS.
38/39	B.P.A., PBS.
40	B.P.A., PBS (South).
41/42	HQ, 1 District.
43	HQ, 2 District.
44	CE, 2 District.
45	HQ, No. 3 District.
46	CE, HQ, No. 3 District.
47/51	C.G., ROE Area Allied Command.
52	SENAUSENO, ITALY.
53	NOIC, TARANTO.
54	Chief Commissioner, ALOCM.
55	HQ, ALOCM.
56	Vice-President, Economic Section.
57/62	Economic Section.
63/64	Industry Sub-Commission.
65	Public Works & Utilities Sub-Commission.
66	Chairman, Electric Power Committee.
67	AFIRS, Lombardia Region.
68	AFIRS, Piemonte Region.
69	AFIRS, c/o BPA, PBS.
70	AFIRS, Liguria Region.
71	AFIRS, Venezia Region.
72	AFIRS, c/o G-4, 5th Army.
73	File
74/100	Spares.

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ALLIED FORCE LOCAL RESOURCES SECTION
AFHQ

Postal Address:
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Telephone: RCME 66063.

LRS/215A

23 July 1945

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

JUL 24 1945

ELECTRIC POWER COMMITTEE - MINUTES

CORRECTION

Noted on original as F52

To Minute 78. Allocation of Power - August, add the following sentence:

The increased allocation (over July 1945) to Rimini and Adriatic Coast to South inclusive of Fano is contingent on the voltage not being affected at Ancona.

John T. Whittaker
JOHN T. WHITTAKER, Major, INF,
Secretary,
A. F. L. R. (ITALIAN) BOARD.

DISTRIBUTION
As per Minutes
Electric Power Committee
dated 21 July 1945.

SW PJB 25/7
2365
see 116 54

(CAG: Anderson)

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ALLIED FORCE LOCAL RESOURCES SECTION
AFHQ

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21 July 1945
JUL 24 1945

LRS/2154

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOLZED

ELECTRIC POWER COMMITTEE - MINUTES

76. The twenty-first meeting of the Electric Power Committee was held at 0930 hours on Saturday 21 July 1945, in the AFHQ (AFHQ) Conference Room, Rome.

PRESIDENT:

Chairman
Brig. D. B. EDWARDS, Engrs (E), AFHQ

Representatives of:

D.M., AFHQ
C.G., FES
HQ, No. 1 District
HQ, No. 3 District
CG, HOME Area Allied Command
Director Public Works & Utilities Sub-Commission
HQ, AFHQ

In Attendance:

Chief of Section (EC), AFHQ, AFHQ
AFHQ, AFHQ

77. MINUTES OF LAST MEETING.

The minutes of the twentieth meeting held on 23 June 1945 were approved.

78. ALLOCATION OF POWER - AUGUST.

A report was received from HQ AFHQ on the amount of power available in Central & Southern Italy. Demands from Base Sections, Districts, and AFHQ were received and allocations were made as per appendix "A" attached. The increased demands for power in Southern Italy for the month of August could not be satisfied and the July allocation remained unchanged. - SEE ADDENDUM

Page 2

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ALLIED FORCE LOCAL RESOURCES SECTION
AFHQ

Postal Address:
AFHQ (RMLC), APO 512.

Telephone: ROME 66063

21 July 1946 JUL 24 1946

LPS/215A

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

76. The twenty-first meeting of the Electric Power Committee was held at 0930 hours on Saturday 21 July 1945, in the AFHQ (AFHQ) Conference Room, Rome.

PRESIDENT:

Chairman
Brig. B. B. EDWARDS, Engrs (B), AFHQ

Representatives of:

D.W., AFHQ
C.G., PBS
HQ, No. 1 District
HQ, No. 3 District
CG, ROME Area Allied Command
Director Public Works & Utilities Sub-Commission
HQ, AFHQ

In Attendance:

Chief of Section (US), AFHQ, AFHQ
AFHQ, AFHQ

77. MINUTES OF LAST MEETING.

The minutes of the twentieth meeting held on 23 June 1945 were approved.

78. ALLOCATION OF POWER - AUGUST.

A report was received from HQ AFHQ on the amount of power available in Central & Southern Italy. Demands from Base Sections, Districts, AFHQ were received and allocations were made as per appendix "A" attached. The increased demands for power in Southern Italy for the month of August could not be satisfied and the July allocation remained unchanged. -- GRA 4010/215A
Page 35

0930 hours on Saturday 21 July 1945, in the AFHQ (AFHQ) Conference Room, Rome.

PRESIDENT:

Chairman
Brig. B. E. EDWARDS, Engrs (3), AFHQ

Representatives of:

D.M., AFHQ
C.O., PHS
HQ, No. 1 District
HQ, No. 3 District
CG, Rome Area Allied Command
Director Public Works & Utilities Sub-Commission
HQ, AFHQ

In Attendance:

Chief of Section (U), AFHQ, AFHQ
AFHQ, AFHQ

77. MINUTES OF LAST MEETING.

The minutes of the twentieth meeting held on 23 June 1945 were approved.

78. ALLOCATION OF POWER - AUGUST.

A report was received from HQ AFHQ on the amount of power available in Central & Southern Italy. Demands from Base Sections, Districts, and HQ were received and allocations were made as per Appendix "A" attached. The increased demands for power in Southern Italy for the month of August could not be satisfied and the July allocation remained unchanged. - SEE APPENDIX "A" *Page 10*

79. AVAILABILITY OF ELECTRIC POWER - SOUTHERN ITALY.

HQ No. 3 District representative reported that the electric power system in Southern Italy was dangerously overloaded and that although feeder line cuts are being made wherever possible by the military, no reduction in the civilian load has yet been effected by the Italian Government.

The water in the Sole reservoir is now at such a level (220 x 10⁶ KWH) that the Committee considers that at the present rate of consumption, it will empty at the end of October or early November. This bears out the Committee's recommendation made at its last meeting in the respect of the Crotona plant. Although autumnal rains will slightly assist the situation in so far as the river stations are concerned, the Sole reservoir is filled by melting snows and little replenishment of it can be expected until February/March 1946. The connection between Central & Southern Italy anticipated at the end of October 1945 will provide only 20,000 KW against the total demand of 137,000 KW. In view of the failure to date of the Italian Government or HQ AFHQ to effect any cuts of civilian.....

(Copy 6.3 Passed for cc file)

civilian consumption, the Committee desired to go on record as having taken cognizance of the dangerous situation which will arise in Southern Italy in October 1945.

80. RECONSTRUCTION OF POWER LINES.

HC Allied Commission reported that the interconnection of North Italy with Central Italy awaits the operation of the third 35,000 K.V. unit at Galleto (Terni). It is expected to operate at the end of July and the August allocations in Minute 78 above, are in anticipation of this.

The interconnection between Southern & Central Italy permitting the flow of 20,000 K.V. to the South, is not anticipated to be made until the end of October 1945. HQ ALCON representative stated that all the necessary materials were available but that the limiting factor to speeding up the interconnection was the lack of adequate transport. The Committee recommended to the Board that if additional transport could be made available to ALCON for this purpose, it would help to avoid the dangerous situation which will arise in Southern Italy in October 1945, referred to in Minute 79 above.

81. NEXT MEETING.

The next meeting of the Committee will be held at 0930 hours on Saturday 25 August 1945, in the AFLEC (ALCON) Conference Room, ROME.

John T. Rittaker
JOHN T. RITTAKER, Major, INF,
Secretary,
A.C.F. L. R. (ITALIAN) BOARD.

APPENDIX "A"

CENTRAL ITALY

<u>AREA SERVED & RESPONSIBILITY OF</u>	<u>KW x 10³ 0600 hours</u>	<u>to</u>	<u>KWH x 10⁶ 2200 hours</u>	<u>KW x 10³ 2200 hours</u>	<u>to</u>	<u>KWH x 10⁶ 0600 hours</u>
<u>DISTRICT 1</u>						
Terni	19.00		7.30	17.00		3.20
Terni Carbide	-		-	10.00		2.00
Perugia & Foligno	5.00		2.00	4.40		.80
Spoleto	3.50		1.40	3.00		.60
Ancona & Adriatic Coast to North exclusive of Fano	6.60		2.50	4.10		.80
Rimini & Adriatic Coast to South inclusive of Fano	2.60		1.00	2.60		.50
Arezzo & District	4.50		1.80	3.20		.60
Orvieto & District	2.00		.80	1.50		.30
Adriatic South to Pescara	1.50		.60	1.50		.30
<u>DISTRICT 3</u>						
Frosinone	3.00		1.20	1.50		.35
Rieti	1.50		.70	1.25		.30
Viterbo	1.50		.70	1.25		.30
Rome (District)	1.50		.70	1.00		.25
Aquila	1.50		.70	1.00		.25
<u>P.E.S.</u>						
Civitavecchia	5.50		2.00	5.00		1.00
Leghorn	10.00		4.00	5.00		1.00
Lucca	5.00		2.00	3.00		.60
Piombino	2.00		.70	1.00		.20
Grosseto	3.00		1.40	2.00		.40
Lardarello	1.00		.35	1.00		.20
Pistoia	3.00		1.20	2.00		.40
Prato	5.00		2.00	3.00		.60
Siena	2.00		.80	1.50		.30
<u>FIFTH ARMY</u>						
Firenze	16.00		6.30	16.00		3.00
<u>R.A.A.C.</u>						2363
Rome	80.00		31.70	45.00		9.00
<u>M.R.S.</u>						
Railways	10.00		4.00	10.00		2.00
TOTAL	196.20		77.85	147.80		29.25

(50)

APPENDIX "A"ALLOCATION OF ELECTRIC POWER - AUGUST 1945SOUTHERN ITALY

<u>AREA SERVED</u>	<u>RESPONSIBILITY OF</u>	<u>PERMISSIBLE 15 Minute Peak KW x 10³</u>	<u>PERMISSIBLE ENERGY KWH x 10⁶</u>
Apulia Co.	3 District	36.00	19.50
To UNES	3 District	3.50	1.20
Naples District	P.B.S.	37.00	18.50
Campania Co.			
(i) Prattanaggiore	P.B.S.	3.50	2.20
(ii) Pomigliano	3 District	1.50	1.00
(iii) Salerno-Torre-Cast.	3 District	19.00	10.50
(iv) Benevento	3 District	3.25	1.40
(v) Colore	3 District	1.00	0.60
(vi) Santa Maria	P.B.S.	5.50	2.80
Lucania Co.	3 District	4.00	1.30
Railways, Naples Area	M.R.S.	1.50	1.10
Foggia Benevento	M.R.S.	8.00	3.00
Salerno Torre	M.R.S.	<u>2.00</u>	<u>1.10</u>
TOTAL 150 KV at Sub Stations		125.75	64.20
Calabria 60 KV System			
(i) Calabria Co.	ALCOA	8.50	2.00
(ii) Railways	M.R.S.	<u>3.00</u>	<u>1.70</u>
TOTAL 60 KV at Sub Stations		<u>11.50</u>	<u>3.70</u>
TOTAL 150 KV & 60 KV		<u>137.25</u>	<u>67.90</u>
TOTAL at Plants		155.00	78.00

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 3/5 Comdr., US Naval Forces North West African Waters
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 10/17 G-4 (A), AFHQ
 18 G-4 (B), AFHQ (For DDMG)
 19/20 G-5, AFHQ
 21 Q(IE), AFHQ
 22 Engineer Section, AFHQ
 23 Engrs (B), AFHQ
 24/25 Director of Engineer Production & Stores, AFHQ
 26 CM, Coal Section, AFHQ
 27 RUMS, AFHQ
 28 Fiscal Director, AFHQ
 29 FA, AFHQ
 30 CG, MTOUSA
 31 GPM, MTOUSA
 32 CG, Fifth Army (Attn: G-4 Section)
 33/34 DMR, Italy
 35 Tn. Increment, C.M.F.
 36/37 AFSC/MTG
 38/39 HQ, 214 Group, RAF
 40 FA, RAF
 41/43 CE, HES
 44/45 BPA, FBS
 46 BPA, FBS (South)
 47/48 HQ, 1 District
 49 CE, 1 District
 50 HQ, 2 District
 51 CE, 2 District
 52 HQ, 3 District
 53 CE, 3 District
 54/58 CG, Rome Area Allied Command
 59 Flag Officer, TARENTO & ADRIATIC
 60 GENLUENO, Italy
 61 CG, Taranto
 62 COMNOB, Palermo
 63 Chief Commissioner, ALCOM
 64 HQ, ALCOM
 65 Vice President, Economic Section
 66/71 Economic Section
 72/73 Industry Sub-Commission
 74/89 Public Works & Utilities Sub-Commission
 90 Chairman, Electric Power Committee
 92 Chairman, Electrical Reconstruction Committee
 93/125 Spares

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ALLIED FORCE LOCAL RESOURCES SECTION
AFHQ

Postal Address:
AFHQ, Rome Area
Allied Command, CEF.

Tel: ROME 66063.

11 July 1945.

LRS/215A

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

JUL 12 1945

ELECTRIC POWER COMMITTEE - AGENDA

The twenty-first meeting of the Electric Power Committee will be held at 0930 hours on SATURDAY 21 JULY 1945, in the AFHQ (AFHQ) Conference Room, 2nd Floor, 68 Piazza dell'Esedra, ROME, to consider the following agenda:

1. Minutes of the twentieth meeting held on 23 June 1945.
2. To review the schedule of allocation of electric power in Central and Southern Italy and to receive applications for revised allocations for the month of August.
3. To receive a report from HQ Allied Commission on the progress made in the reconstruction of power lines to permit a supply of Electric Power from Northern through Central and Southern Italy.
4. Any other business.
5. To set a date for the next meeting.

John T. Whitaker
JOHN T. WHITAKER, Major, INF,
Secretary,
A. F. L. R. (ITALIAN) BOARD.

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(Chief Clerk)

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8	CAO, AFHQ.
9	A/CAO, AFHQ.
10/17	G-4 (A), AFHQ.
18	G-4 (B), AFHQ (For DQMG).
19/20	G-5, AFHQ.
21	Engineer Section, AFHQ.
22	Engrs (B), AFHQ.
23	Director of Engr Stores, AFHQ.
24	RESE, AFHQ.
25	Fiscal Director, AFHQ.
26	PA, AFHQ.
27	CG, MTOUSA.
28	CPA, MTOUSA.
29/30	DMR, ITALY.
31	Tn. Increment, CEF.
32/33	AAFSC/MTQ.
34/35	HQ, 214 Group, RAF.
36	PA, RAF.
37/39	CF, PBS.
40/41	HFA, PBS.
42	HFA, PBS (South).
43/44	HQ, 1 District.
45	HQ, 2 District.
46	CE, 2 District.
47	HQ, 3 District.
48	CE, 3 District.
49/53	CG, ROSE Area Allied Command.
54	Flag Officer, TARANTO & Adriatic.
55	SEVALUSNO, ITALY.
56	Chief Commissioner, ALCCOL.
57	HQ, ALCCOL.
58	Vice-President, Economic Section, ALCCOL.
59/64	Economic Section, ALCCOL.
65/66	Industry Sub-Commission, ALCCOL.
67	Public Works & Utilities Sub-Commission, ALCCOL.
68	Chairman, Electric Power Committee.
69	AFLRS, Piemonte Region.
70	AFLRS, Liguria Region.
71	AFLRS, Lombardia Region.
72	AFLRS, c/o G-4, 5 ARMY.
73	AFLRS, c/o HFA, PBS.
74	AFLRS, Venezia Region.
75	File.
76/100	Spares.

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ALLIED FORCE LOCAL RESOURCES SECTION

A.F.L.S.

Postal Address:
 ALLIED Force Area Allied Command
 U. S. P.

Telephone: RMA 66275

JUN 26 1945

23 June 45.

LAG/215A

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

68. The twentieth meeting of the Electric Power Committee was held at 0930 hrs on Saturday 23 June 45, in the ALLIED (AFHQ) Conference Room, RMH.

PRESENT:

Chairman

Colonel W. B. S. KIMBLE, AFHQ (AFHQ)
 (acting in absence of Brig. B. B. STUARTS, Engre (E) AFHQ)

Representatives of:

D.F., AFHQ
 D.F., ITALY

Co, EN
 HQ No. 1 District

HQ No. 2 District

HQ No. 3 District

Co, RMA Area Allied Command

HQ ALCON

Public Works & Utilities Sub-Commission HQ ALCON.

In Attendance:

Chief of Section (US) AFHQ AFHQ.

69. MINUTES OF LAST MEETING

The minutes of the nineteenth meeting held on 23 May 1945 were approved.

70. MINUTES OF BOARD MEETING

Discussion from the meeting of the Board held on

68. The twentieth meeting of the Electric Power Committee was held at 0930 hrs on Saturday 23 June 45, in the AFHQ (AFHQ) Conference Room, Rome.

PRESENT:

Chairman

Colonel W. B. S. SHEDDEN, AFHQ (AFHQ)
(acting in absence of Brig. B. P. EDWARDS, Digne (B) AFHQ)

Representatives of:

D.W., AFHQ
IMS, ITALY
C.S., POK
HQ No. 1 District
HQ No. 2 District
HQ No. 3 District
C.S., HQ Area Allied Command
HQ ALCON
Public Works & Utilities Sub-Committee HQ ALCON

In Attendance:

Chief of Section (US) AFHQ AFHQ.

69. MINUTES OF LAST MEETING

The minutes of the nineteenth meeting held on 29 May 1945 were approved.

70. MINUTES OF BOARD MEETING

No matters arose for discussion from the meeting of the Board held on 2 June 1945.

2358

71. AVAILABILITY OF POWER - JULY

Reports were received from HQ ALCON on the amount of power available in Southern & Central ITALY for the month of July, as follows:-

Southern ITALY

The availability of power in Southern ITALY during July is reduced as shown below:-

JULY Availability

FW x 10³ 170.00
EW x 10³ 87.00

JULY Availability

153.00
75.00

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-2-

This reduction is caused by:-

- (a) Breakdown of generating plant at SILL.
- (b) Abnormally dry spring season which is now being felt on the rivers & reservoirs in Southern India.

The availability reported for July by Public Works & Utilities Sub-Committee No. 10333 was the maximum considered possible and was such as would leave the Sill Reservoir in a dangerously low position at the end of December 1945.

Central India

There is no increased availability of power for the first part of July. It is however hoped that about the 20th July the following additional power will be made available:-

64,000 KW peak load.
35,000,000 kWh

This increased availability will result from:-

- (a) Operation of the 120 KV transmission line between DEOSAI and KILN HILL SCOTIA, supplying 10,000 KW from the North.
- (b) Operation of the third 35,000 KW machine at GALLATO (TANAI).

Upon completion of the 120 KV line from the north the frequency of the Central India Grid system will be increased from 45 to 50 cycles and the Laxmi Grid will be absorbed into the Central India Grid.

72. ALLOCATION OF POWER - JULY - SUMMER 1945

In view of the reduced availability of power both R3 and 3 District submitted requests, both for July. Their representatives stated that these reductions were the minimum possible without cutting off military installations or discommencing civilian industrial concerns.

The total demand exceeded the estimated availability by 12,000 KW and 6,000,000 kWh.

In discussion on the cut which must necessarily be enforced the Committee agreed:

- a) that the dispersal of military installations was such that no further feeder lines could be disconnected without depriving such installations of power.
- b) That the cut would have to be made on civilian loads.

No action was taken to suggest any civilian firms that would be disconnected and the Committee recommended that the allocation (12,000 KW and 6,000,000 kWh) to the CENTRAL fertilizer plant should be discontinued.

July. It is however hoped that about the 20th July the following additional power will be available:-

53,000 Kw peak load.
53,000,000 kWh

This increased availability will result from:-

- (a) Operation of the 120 KV transmission line between MASHOCH and ELIM BELL. ROMAL, supplying 10,000 Kw from the North.
- (b) Operation of the third 35,000 Kw machine at GALLISTO (TERRA).

Upon completion of the 120 KV line from the north the frequency of the Central ITALY Grid system will be increased from 45 to 50 cycles and the LEXINGTON Grid will be absorbed into the Central Italy Grid.

72. ALLOCATION OF POWER - JULY - CENTRAL ITALY

In view of the reduced availability of power both ESB and 3 District submitted reduced bids for July. Their representatives stated that these reductions were the minimum possible without cutting off military installations or discontinuing civilian industrial concerns.

The total demand exceeded the estimated availability by 12,000 KW and 6,000,000 kWh.

In discussion on the cut which must necessarily be enforced the Committee agreed:

- a) that the dispersal of military installations was such that no further power there could be disconnected without depriving such installations of power.
- b) that the cut would have to be made on civilian loads.

Mr ALDER was asked to suggest any civilian firms that could be disconnected and the Committee recommended that the allocation (12,000 KW and 6,500,000 kWh) to the GALLISTO fertilizer plant should be discontinued. Mr ALDER representative strongly opposed this recommendation on the grounds that the fertilizer requirement in Italy was of vital importance and was tantamount to a military commitment. Mr ALDER representative further remarked that the above recommendation would be submitted to the Board without delay for a decision.

Mr ALDER reported that the estimated completion date of the TERRA-ELIM 120 KV transmission line for the supply of power from Northern & Central to Southern ITALY was November 1945. If a sufficient supply of labour necessary for the work and an easy steel towers as soon worked could be made available by Mr ALDER the Committee recommended to the Board that, if possible, military installations with transport and mine clearing be given to advance the completion date.

73. ALLOCATION OF POWER - JULY - CENTRAL ITALY

It was agreed that no change should be made for the first part of July to the June allocation of electric power. (Appendix 17).

-2-

Allocations were served for the increased availability anticipated towards the end of July (Appendix 'C') and AFIBS AFM will satisfy all concerned by wire as soon as this power is available.

76. ALLOCATION OF POWER - JULY - LAMHORN GRID

Revised allocations (Appendix 'D') were agreed for the LAMHORN Grid.

77. NEXT MEETING

The next meeting of the Committee will be held at 0930 hrs on Saturday 24 JULY 45 in the AFIBS (LH22) Conference Room, RM22.

SJEL/rst

[Handwritten signature]

C. J. H. LOHREN, Major, EMCS,
Secretary,
A.P.B.R. (ITALIAN) BOARD.

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2357

S. J. E. LARSEN, Major, Deputy
Secretary,
A. F. J. E. (MILITARY) BOARD.

DISCONTINUED — See STAYS.

444

23 Engr (S), AFHQ
 24/25 Director of Engr. Prodn. & Stores, AFHQ
 26 Engr. Prod. Section, AFHQ
 27 Engr. AFHQ
 28 Engr. Director, AFHQ
 29 Engr. AFHQ
 30 Engr. AFHQ
 31 Engr. AFHQ
 32 Engr. AFHQ
 33/34 Engr. AFHQ
 35/36 Engr. AFHQ
 37/38 Engr. AFHQ
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 91 Engr. AFHQ
 92 Engr. AFHQ
 93/94 Engr. AFHQ

APPENDIX 'A'

ALLOCATION OF ELECTRIC POWER - JULY 1945SOUTHERN ITALY

<u>AREA SERVED</u>	<u>RESPONSIBILITY OF</u>	<u>PERMISSIBLE 15 Minute Peak KW x 10³</u>	<u>PERMISSIBLE ENERGY KWH x 10⁶</u>
Apulia Co.	3 District	36.00	19.50
To UNES	3 District	3.50	1.20
Naples District	P.B.S.	37.00	18.50
Campania Co.			
(i) Frattaraggiore	P.B.S.	3.50	2.20
(ii) Pomigliano	3 District	1.50	1.00
(iii) Salerno-Torre-Cast.	3 District	19.00	10.50
(iv) Benevento	3 District	3.25	1.40
(v) Colore	3 District	1.00	0.60
(vi) Santa Maria	P.B.S.	5.50	2.80
Lucania Co.	3 District	4.00	1.30
Railways, Naples Area	M.R.S.	1.50	1.10
Foggia Benevento	M.R.S.	8.00	3.00
Salerno Torre	M.R.S.	2.00	1.10
TOTAL 150 KV at Sub Stations		125.75	64.20
Calabria 60 KV System			
(i) Calabria Co.	ALCON	8.50	2.00
(ii) Railways	M.R.S.	3.00	1.70
TOTAL 60 KV at Sub Stations		11.50	3.70
TOTAL 150 KV & 60 KV		137.25	67.90
TOTAL at Plants		155.00	78.00

APPENDIX "B"CENTRAL ITALY - GRID

<u>AREA SERVED & RESPONSIBILITY OF</u>	<u>KW x 10³ 0600 hours</u>	<u>to</u>	<u>KWH x 10⁶ 2200 hours</u>	<u>KW x 10³ 2200 hours</u>	<u>to</u>	<u>KWH x 10⁶ 0600 hours</u>
<u>DISTRICT 1</u>						
Terni	19.00		7.30	17.00		3.20
Terni Carbide	-		-	10.00		2.00
Perugia & Foligno	4.60		1.90	4.40		.80
Spoletto	3.00		1.20	3.00		.60
Ancona & Adriatic Coast to N. exclusive of Fano	6.60		2.50	4.10		.80
Rimini & Adriatic Coast to S. inclusive of Fano	1.00		0.40	0.50		.10
Arezzo & District	4.00		1.60	3.20		.60
Orvieto & District	2.00		0.80	1.50		.30
Adriatic South to Pescara	1.00		0.40	1.50		.30
<u>DISTRICT 3</u>						
Frosinone	2.375		1.00	1.020		.20
Rieti	1.320		.50	1.150		.20
Viterbo	1.285		.50	1.010		.20
Rome	1.060		.40	.820		.20
Aquila	0.960		.40	1.000		.20
<u>P.B.S.</u>						
Civitavecchia	5.00		2.00	5.50		1.00
<u>FIFTH ZONE</u>						
Florence	16.00		6.30	16.00		3.00
<u>Railways</u>						
Rome	52.00		20.30	35.00		6.70
<u>M.R.S.</u>						
Railways	<u>10.00</u>		<u>4.00</u>	<u>10.00</u>		<u>2.00</u>
TOTAL	131.20		51.50	116.70		22.40

APPENDIX "C"

CENTRAL ITALY GRID (Including Leghorn Grid)2nd Allocation to be operative on receipt of
notification from JFLRG, JFHL

<u>AREA SERVED & RESPONSIBILITY OF</u>	<u>0600 hours KW x 10³</u>	<u>to 2200 hours KWH x 10⁶</u>	<u>2200 hours KW x 10³</u>	<u>to 0600 hours KWH x 10⁶</u>
<u>DISTRICT 1</u>				
Terni	19.00	7.30	17.00	3.20
Terni Carbide	-	-	10.00	2.00
Perugia & Foligno	5.00	2.00	4.40	.80
Spoleto	3.50	1.40	3.00	.60
Ancona & Adriatic Coast to North exclusive of Fano	6.60	2.50	4.10	.80
Rimini & Adriatic Coast to South inclusive of Fano	2.00	0.80	2.00	.40
Arezzo & District	4.50	1.80	3.20	.60
Orvieto & District	2.00	0.80	1.50	.30
Adriatic South to Pescara	1.50	0.60	1.50	.30
<u>DISTRICT 3</u>				
Frosinone	3.00	1.20	1.50	.35
Rieti	1.50	0.70	1.25	0.30
Viterbo	1.50	0.70	1.25	0.30
Rome	1.50	0.70	1.00	0.22
Aquila	1.50	0.70	1.00	0.23
<u>FIFTH ARMY</u>				
Florence	16.00	6.30	16.00	3.00
<u>R.I.M.C.</u>				
Rome	80.00	31.70	45.00	9.00
<u>N.R.S.</u>				
Railways	10.00	2.00	10.00	2.00
<u>P.B.S.</u>				
Civitavecchia - Littoria	5.50	2.00	5.00	1.00
Leghorn	10.00	4.00	5.00	1.00
Lucca	5.00	2.00	3.00	0.60
Piombino	2.00	0.70	1.00	0.20
Grosseto	3.00	1.40	2.00	0.40
Lardarello	1.00	0.35	1.00	0.20
Pistoia	3.00	1.20	2.00	0.40
Prato	5.00	2.00	3.00	0.60
Siena	2.00	.80	1.50	0.30
TOTAL	195.60	75.65	147.20	29.10

2354

APPENDIX "D"CENTRAL ITALY - LEGHORN GRID

<u>AREA SERVED & RESPONSIBILITY OF</u>	<u>0600 hours to KW x 10³</u>	<u>2200 hours KWH x 10⁶</u>	<u>2200 hours to KW x 10³</u>	<u>0600 hours KWH x 10⁶</u>
<u>P. B. S.</u>				
Leghorn Area	10.00	4.00	5.00	1.00
Lucan Area	5.00	2.00	3.00	0.60
Piombino	2.00	0.70	1.00	0.20
Grosseto	3.00	1.40	2.00	0.40
Lardarello	1.00	0.35	1.00	0.20
Pistoia	3.00	1.20	2.00	0.40
Prato	5.00	2.00	3.00	0.60
Siena	2.00	.80	1.50	0.30
TOTAL	31.00	12.45	18.50	3.70

4070
KX-Comm
57
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ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.

LR3/215A

Postal Address:
AFHRS, Rome Area
Allied Command,
C. M. F.

Tel: ROME 66063.

12 June 1945.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD JUN 14 1945

ELECTRIC POWER COMMITTEE - AGENDA

The twentieth meeting of the Electric Power Committee will be held at 0930 hours on SATURDAY 23 JUNE 1945, in the AFHRS (AFH) Conference Room, 2nd Floor, 68 Piazza dell'Esedra, ROME, to consider the following agenda:

1. Minutes of the nineteenth meeting held on 29 May 1945.
2. To consider any matters arising out of the meeting of the Board held on 2 June 1945.
3. To review the schedule of allocation of electric power in Central and Southern Italy and to receive applications for revised allocations for the month of July.
4. To receive a report from Hq. Allied Commission on the progress made in the reconstruction of power lines to permit a supply of Electric Power from Northern to Central and Southern Italy.
5. Any other business.
6. To set a date for the next meeting.



John T. Whittaker
JOHN T. WHITTAKER, Major, INF.
Secretary,
A. F. L. R. (ITALIAN) BOARD.

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17	G-4 (B), AFHQ (For DQMG)
18/19	G-5, AFHQ
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21	Engrs (B), AFHQ
22	Director of Engr. Stores, AFHQ
23	REMS, AFHQ
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27	GPA, MTOUSA
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30	Tn. Increment, CMF
31/32	AFSC/MTO
33/34	Hq. 214 Group, RAF
35	FA, RAF
36/38	CE, PBS
39/40	BPA, PBS
41	BPA, PBS (South)
42/43	HQ., 1 District
44	HQ., 2 District
45	CE, 2 District
46	HQ., 3 District
47	CE., 3 District
48/52	CO., Rome Area Allied Command
53	Flag Officer, Taranto & Adriatic
54	Flag Officer, Northern Area Med.
55	SENALUSNO, ITALY
56	Chief Commissioner, ALCOM
57	HQ., ALCOM
58	Vice-President, Economic Section
59/64	Economic Section
65/66	Industry Sub-Commission
67	Public Works & Utilities Sub-Commission
68	Chairman, Electrical Power Commission
69	Chairman, Electrical Reconstruction C'tee
70	AFLRS, Piemonte Region
71	AFLRS, Liguria Region
72	AFLRS, Lombardia Region
73	AFLRS, c/o G-4 Fifth Army
74	AFLRS, c/o No. 19 Town Major, CMF
75	AFLRS, Emilia Region
76	AFLRS, c/o BPA, PBS
77	AFLRS, Venezia Region
78	File
79/100	Spares

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 ALLIED FORCE LOCAL RESOURCES SECTION
 A.F.L.S. Q.

Postal Address:
 AFLRS (RASC), APO 512.

Telephone: RME 66275.

29 May 1945.

MAY 30 1945

LRS/215A

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER & UTILITIES - MINUTES

58. The nineteenth meeting of the Electric Power Committee was held at 0930 hours on Tuesday 29 May 1945, in the AFLRS (AFHQ) Conference Room, RME.

PRESENT:

Brig. B. B. HILLARDS, ^{Chairman} Major (B), AFHQ

Representatives of:

D. W., AFHQ
 HQ, ITALY
 CG, PSS
 HQ, No. 1 District
 HQ, No. 3 District
 CG, RCEZ Area Allied Command
 HQ, ALCEI
 Electrical Reconstruction Committee

In Attendance:

Chiefs of Section, AFHQ, AFHQ

59. MINUTES OF PREVIOUS MEETING:

The minutes of the eighteenth meeting held on 17 April 1945 were approved.

60. MINUTES OF BOARD MEETING:

No matters arose for discussion from the meeting of the Board held on 5 May 1945.

61. ALLOCATION OF POWER - JUNE:

2348

Report was received from HQ, ALCEI on the amount of power available

PRESENT:

Chairman
Brig. B. B. EDWARDS, Engers (B), AFHQ

Representatives of:

D. W., AFHQ
HQ, ITALY
CC, FES
HQ, No. 1 District
HQ, No. 3 District
CC, RECON Area Allied Command
HQ, ALGERIA
Electrical Reconstruction Committee

In Attendance:

Chiefs of Section, AFHQ, AFHQ

59. MINUTES OF PREVIOUS MEETING:

The minutes of the eighteenth meeting held on 17 April 1945 were approved.

60. MINUTES OF BOARD MEETING:

No matters arose for discussion from the meeting of the Board held on 5 May 1945. 2348

61. ALLOCATION OF POWER - JUNE:

A report was received from HQ, ALGERIA on the amount of power available in Central and Southern Italy. Demands from Base Sections, Districts, etc. were received and allocations were made as per Appendix "A" attached.

62. ELECTRIC POWER SITUATION - NORTHERN ITALY:

A report on the Electric Power situation in Northern Italy was received from HQ, Allied Commission and is attached at Appendix "B".

The Committee recommended to the Board that in that part of Italy lying north of the northern boundaries of the provinces of LUCCA, PISTOIA, FIRENZE, and LIVORNO, no allocation of electric power should be made by the Committee in view of the supply being sufficient to meet all military and civilian demands.

63. MONTICATTI FERTILIZER PLANT - CROTONA:

It was agreed by the Committee that the supply of power to the Montecatini Works at Crotona for the manufacture of fertilizers should continue for the month of June but that due to the low level of water in the SIDA reservoirs it would not be possible to continue the supply after June unless:

by 1(a)..... 2739

(Copy Attached)

- 2 -

- (a) additional energy is made available from Northern Italy, or
- (b) existing loads (military and civilian) in Southern Italy are reduced by an amount equivalent to the demand of the Montecatini Works.

The supply of power to the Crotone plant will be reviewed at the next meeting of the Committee. Hq. Allied Commission reported that investigations were being made into the possibility of producing an equivalent amount of fertilizer to the Crotone production at the Ippica Centro Chemical Works at Termini. Such a production would necessitate the allocation of an additional 16 KW x 10³ (approximately) and the situation regarding the loading of the transmission lines to the factory is being investigated by the Public Works and Utilities Sub-Commission, ALCOM.

64. CIVILIAN DEMANDS FOR POWER IN ITALIAN GOVERNMENT TERRITORY:

It was reported that the pressure regarding the submission of civilian demands for electric power in Italian Government territory as notified to the Committee at the meeting held on 20 March 1945 (minute 48 refers) was working satisfactorily.

65. SUPPLY OF ELECTRIC POWER FROM THE NORTH:

Public Works and Utilities Sub-Commission, Hq. ALCOM, undertook to notify the Committee at its next meeting of the progress made in the reconstruction of power lines to permit of a supply of Electric Power from Northern to Central and Southern Italy.

66. MEMBERSHIP:

The Committee recommended to the Board that, in the event of the Electrical Reconstruction Committee being dissolved, representation on the Committee be given to the Director of the Public Works and Utilities Sub-Commission, Hq. ALCOM.

67. NEXT MEETING:

The next meeting of the Committee will be held at 0930 hours on Saturday, 23 June 1945, in the ABIES (ALBIS) Conference Room, RMIA.

[Signature]
S. J. B. LOUEN, Major, DMCB,
Secretary,
E. P. (ITALIAN) BOARD.

were being made into the possibility of producing an equivalent amount of fertilizer to the Civonne production at the Porto Montoro Chemical Works at Termi. Such a production would necessitate the allocation of an additional 16 KW x 103 (approximately) and the situation regarding the loading of the transmission lines to the factory is being investigated by the Public Works and Utilities Sub-Commission, ALCOM.

64. CIVILIAN DEMANDS FOR POWER IN ITALIAN GUERRA ZONE TERRITORY:

It was reported that the procedure regarding the submission of civilian demands for electric power in Italian Government territory as notified to the Committee at the meeting held on 20 March 1945 (Minute 48 refers) was working satisfactorily.

65. SUPPLY OF ELECTRIC POWER FROM THE NORTH:

Public Works and Utilities Sub-Commission, HQ, ALCOM, undertook to notify the Committee at its next meeting of the progress made in the reconstruction of power lines to permit of a supply of Electric Power from Northern to Central and Southern Italy.

66. MEMBERSHIP:

The Committee recommended to the Board that, in the event of the Electrical Reconstruction Committee being dissolved, representation on the Committee be given to the Director of the Public Works and Utilities Sub-Commission, HQ, ALCOM.

67. NEXT MEETING:

The next meeting of the Committee will be held at 0930 hours on Sunday, 23 June 1945, in the AFERS (ALERS) Conference Room, RMLE.

S. J. B. Lomen

S. J. B. LOMEN, Major, DICAD,
Secretary,
A.F.L.R. (ITALIAN) BOARD.

ALLOCATION OF ELECTRIC POWER - JUNE 1942

SOUTHERN ITALY

AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 Minute Peak KW x 10 ³	PERMISSIBLE ENERGY KWH x 10 ⁶
Apulia Co. To URES	3 District	40.00	19.50
Naples District	3 District	4.00	1.50
Compania Co.	PBS	41.00	20.50
(i) Fruttamaggiore	PBS	4.00	2.50
(ii) Pomigliano	3 District	2.00	1.25
(iii) Salerno-Torre-Castellamare	3 District	20.00	11.00
(iv) Benevento	3 District	3.25	1.40
(v) Calore	3 District	1.25	0.70
(vi) Santa Maria	PBS	5.50	2.80
Iscania Co.	3 District	4.50	1.50
Railways, Naples Area	URS	1.50	1.10
Foggia Benevento	URS	4.50	1.70
Salerno Torre	URS	2.00	1.10
TOTAL 150 KV at Sub Stations		134.50	66.55
Calabria 60 KV System			
(i) Calabria Co.	ALCOI	8.50	2.00
(ii) Crotono Plant	ALCOI	10.00	6.50
(iii) Railways	URS	3.00	1.70
TOTAL 60 KV at Sub Stations		21.50	10.20
TOTAL 150 KV & 60 KV		156.00	76.75
TOTAL at Plants		170.00	87.00

Diversity factor for June 0.91
 Losses Factor 1.20
 Energy Loss 15%

CENTRAL ITALY - GRID

AREA SERVED & RESPONSIBILITY OF	0600 hours KW x 10 ³	to 2200 hours KWH x 10 ⁶	2200 hours KW x 10 ³	to 0600 hours KWH x 10 ⁶
DISTRICT 1.				
Torin	19.00	7.50	17.00	3.20
Torin Caride	-	-	10.00	23.00
Perugia & Poligno	4.60	1.90	4.40	23.80
Spoleto	3.00	1.20	3.00	.60

(v) Calore	1.23	0.70
(vi) Santa Maria	5.50	2.80
Lucania Co.	4.50	1.50
Railways, Naples Area	1.50	1.10
Foggia Benevento	4.50	1.70
Salerno Torre	2.00	1.10
TOTAL 150 KV at Sub Stations	144.50	66.55
Calabria 60 KV System		
(i) Calabria Co.	8.50	2.00
(ii) Crotona Plant	10.00	6.50
(iii) Railways	3.00	1.70
TOTAL 60 KV at Sub Stations	21.50	10.20
TOTAL 150 KV & 60 KV	156.00	76.75
TOTAL at Plants	170.00	87.00

Diversity factor for June 0.91
 Losses Factor 1.20
 Energy Loss 13%

CENTRAL ITALY - GRID

AREA SERVED & RESPONSIBILITY OF	0600 hours KW x 10 ³	to 2200 hours KW x 10 ³	2200 hours KW x 10 ³	to 0600 hours KW x 10 ³
DISTRICT I.				
Terni	19.00	7.50	17.00	3.20
Terni Carbide	-	-	10.00	23.00
Perugia & Poligno	4.60	1.90	4.40	.60
Spoleto	3.00	1.20	3.00	.80
Ancona & Adriatic Coast to North exclusive of Fano	6.60	2.50	4.10	.10
Rimini & Adriatic Coast to South inclusive of Fano	1.00	0.40	0.50	.60
Arenzo & District	4.00	1.60	3.20	.20
Siena & District	0.80	0.40	1.00	.30
Civitate & District	2.00	0.80	1.50	.20
Adriatic South to Pescara	1.00	0.40	1.50	.20
TOTAL DISTRICT I	40.00	16.50	46.20	8.90
DISTRICT III				
Frosinone		1.00	1.020	.20
Mieti		.50	1.150	.20
Viterbo		.50	1.010	.20
Rome		.40	0.820	.20
Aquila		.40	1.000	.20
TOTAL DISTRICT III	7.00	2.80	5.00	1.00

/P.B.S.....

CENTRAL ITALY - GRID (Cont'd)

<u>AREA SERVED & RESPONSIBILITY OF</u>	<u>0600 hours to KW x 10³</u>	<u>2200 hours to KW x 10³</u>	<u>2200 hours to 0600 hours KW x 10³</u>	<u>to 0600 hours KW x 10³</u>
<u>P.B.S. Civitavecchia - Littoria</u>	5.00	2.00	5.50	1.00
<u>5 ARMY Florence & District</u>	16.00	6.50	16.00	3.00
<u>R.A.A.C. Rome</u>	52.00	20.50	35.00	6.70
<u>P.B.S. Railways</u>	<u>10.00</u>	<u>4.00</u>	<u>10.00</u>	<u>2.00</u>
<u>GRAND TOTAL</u>	132.00	51.90	117.70	22.60

<u>CENTRAL ITALY - LEGHORN GRID</u>	<u>PERMISSIBLE ENERGY KW x 10⁶</u>
<u>RESPONSIBILITY OF</u>	<u>15 Minute Peak KW x 10³</u>

<u>AREA SERVED</u>	<u>RESPONSIBILITY OF</u>	<u>PERMISSIBLE ENERGY KW x 10⁶</u>
Leghorn Area	PBS	6.00
Lucca Area	PBS	3.00
Piombino	PBS	1.00
Grosseto	PBS	2.00
Larderello	PBS	<u>1.50</u>
<u>TOTAL Leghorn Grid</u>		12.50

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APPENDIX "B"

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

214/PWU.

26 May 45

SUBJECT: Electric Power North Italy.

TO : Secretary, Electric Power Committee
- A.P.L.R. (I) B. -

1. A survey of the electrical power situation in Northern Italy has been made and it is now possible to determine the amount of power available for all services.
2. As the city of Bologna is at present being supplied with 12,000 KW. from Northern Italy, it is recommended that for the present the area of Northern Italy be considered to a line just south of Bologna.
3. In Northern Italy there is approximately 400,000 KW of generating plant out of service due to enemy action or Partisan activities. 50% of this will be back in service within three months. The plant out of service at the present time is approximately 10% of the total capacity in Northern Italy.
4. In view of the fact that the reduction in load in North Italy due to war-damage to factories will for some time be reduced, and also bearing in mind that Northern Italy normally had surplus energy for transmittal to Central Italy, it is considered that ample supply of electricity will be available to meet all services.
5. It is recommended that the Electric Power Committee of the A.P.L.R. (I.) B. take no action in connection with the allocation of electricity in Northern Italy at the present time.
6. You are further advised that every effort is being made to repair the transmission system between North and Central Italy, and arrangements have already been made for a flow of 100,000 KW to be exported to Central Italy by the end of July, when it is anticipated the transmission system repairs will be completed.

For the Chief Commissioner:

s/ W.H. LIPPER,
t/ W.H. LIPPER,
Lieut-Colonel,
Chief Elect.Div.

2346

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23	Engrs. (B), AFHQ
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46	B.F.A., IBS (South)
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49	CE, 1 District
50	HQ, 2 District
51	CE, 2 District
52	HQ, 3 District
53	CE, 3 District
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59	Flag Officer, T.A.M.T.O. & Adriatic
60	SENALUSNO, Italy
61	C.S., Taranto
62	COMCB, Palermo
63	Chief Commissioner, ALCOM NOT RECD YET
64	HQ, ALCOM
65	Vice-President, Economic Section NOT RECD YET
66/71	Economic Section NOT RECD YET
72/73	Industry Sub-Commission
74/89	Public Works & Utilities Sub-Commission 2345
90	Chairman, Electric Power Committee
91	Chairman, Electrical Reconstruction Committee
92	File
93/130	Spares.

1768

C-in-C, Med
Comdr, U.S. Eight Fleet.
Navy (a)
Navy (b)
C-1, AFHQ.
C-2, AFHQ.
C-3 (a) AFHQ.
C-3 (b) AFHQ (For DAF).
C-4, AFHQ.
AFHQ, AFHQ.
AFHQ, AFHQ.
AFHQ, AFHQ.
Fiscal Director, AFHQ.
F.A., AFHQ.
C, AFHQ.
CFA, AFHQ.
Tn, Increment, C.F.
AFHQ/AFHQ.
N, 212 Sp. R.F.
R., AFHQ.
RFA, AFHQ.
RFA, AFHQ (South)
CE, 2 District.
CE, 3 District.
Flag Officer, Taranto & Adriatic.
Flag Officer, Northern Area Med.
SALUNO, T.I.V.
Chief Commissioner, AFHQ.
N, AFHQ.
Vice-President, Economic Section.
Economic Section.
Industry Sub-Commission.
Chairman, Electric Power Committee.
AFHQ, Naples Area.
War Diary.
File.
Spares.

2344

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Attached hereto is copy of a cable forwarded by this Section to all members of the Electric Power Committee of the AFHQ (Italian) Board.

[Signature]
S. J. B. LOUEN,
Major, DAF,
for Chiefs of Section,
A.F.L.R.S.

(Cable Director)

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TO (FOR ACTION): AFHQ (for Engr (A), Engr. (B)),
DISTONE, DISTWO, DISTTHREE, DISTFOUR, ITALY, U.S. FCS.

REF NO: LGS/215.

SECURITY CLASSIFICATION: RESTRICTED.

MEETING OF ELECTRIC POWER COMMITTEE OF AFHQ PAREN
 ITALIAN PAREN BOARD CONVENED FOR TWO TWO MAY FOUR FIVE
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 NINE MAY FOUR FIVE COMM. LOCATION UNCHANGED

LOCAL DISTRIBUTION

OF PAREN

HQ AFHQ Public Works & Utilities Sub-Com.
Chairman, Electrical Reconstruction Committee.

PRECEDENCE: ROUTINE

ORIGINATING

SECTION: AFHQ AREA

TO AUTHENTICATION

ORIGINATOR'S AUTHENTICATION



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ALLIED FORCE LOCAL RESOURCES SECTION

A.F.L.S.

Postal Address:
AFHQ, Rome Area
Allied Command,
C. M. F.

Tel: ROME 66275

MAY 15 RECD

12 May 45.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARDELECTRIC POWER COMMITTEE - AGED.

The nineteenth meeting of the Electric Power Committee will be held at 0930 hrs on TUESDAY 22 May 45 in the AFHQ Conference Room, 2nd Floor, 68 Piazza dell'Esedra, ROME, to consider the following agenda:-

1. Minutes of the eighteenth meeting held on 17 Apr 45.
2. To consider any matters arising out of the meeting of the Board held on 5 May 45.
3. To review the schedule of allocation of electric power in Central and Southern Italy and to receive applications for revised allocations for the month of JUNE.
4. To receive a report from HQ Allied Commission on the Electric power situation in Northern Italy and to decide on the allocations of power to be allocated for the month of JUNE. (Side from FIS, DISCOMS and DISWFO to be submitted to AFHQ (AFHQ) in accordance with LRS/210B/12 (dated 24 Apr 45)).
5. Any other business.
6. To set a date for the next meeting.

3

[Signature]

2343

12 MAY 45. MAY 13 1945

ALLIED FORCE LOG-4 RESOURCES (FALLING) BOARD

ELECTRIC POWER COMMITTEE - AGENDA

The nineteenth meeting of the Electric Power Committee will be held at 0930 hrs on TUESDAY 22 May 45 in the 1718S (1718) Conference Room, 2nd Floor, 68 Piazza dell'Esedra, ROME, to consider the following agenda:-

1. Minutes of the eighteenth meeting held on 17 Apr 45.
2. To consider any matters arising out of the meeting of the Board held on 9 May 45.
3. To review the schedule of allocation of electric power in Central and Southern Italy and to receive applications for revised allocations for the month of JUNE.
4. To receive a report from HQ Allied Commission on the Electric power situation in Northern Italy and to decide on the allocations of power to be effected for the month of JUNE. (Rids from PHS, DISTONE and DRYING to be submitted to ALPES (ALPES) in accordance with LRS/215A/127 dated 24 Apr 45).
5. Any other business.
6. To set a date for the next meeting.

2343

S. J. P. LOONEY, Major, DAME,
Secretary,
A. F. L. R. (FALLING) BOARD.

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41	Secy (S), AFHQ.
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48/52	Secy (S), AFHQ.
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64	Secy (S), AFHQ.
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66	Secy (S), AFHQ.
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75	Secy (S), AFHQ.
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E-4 Commissioned 3630
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 Allied Force Local Resources Section
 A.F.L.S.

Postal address:
AFRS, (AFRS), APO 512.

Telephone: ROME 66275.

17 April 1945.

APR 19 1945

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

51. The eighteenth meeting of the Electric Power Committee was held at 0930 hours on Tuesday, 17 April 1945, in the AFHS (AFHQ) Conference Room, ROME.

PRESENT:

Chairman:
Colonel R. L. Clark, Engineer Section, AFHQ.

Representatives of:

D.W., AFHQ
 D.M.R., ITALY
 HQ, No. 1 District
 HQ, No. 2 District
 HQ, No. 3 District
 CG, Rome Area Allied Command
 CG, F.B.S.
 HQ, AFHQ
 Electrical Reconstruction Committee

In attendance:

Chiefs of Section, AFHS, AFHQ

52. MINUTES OF PREVIOUS MEETING:

The minutes of the previous meeting, held 20 MARCH 1945 were approved.

53. MINUTES OF BOARD MEETING:

No matters arose for discussion from the meeting of the Board held on 7 April 1945.

54. ALLOCATION OF POWER - MAY:

A report was received from HQ, AFHQ on the amount of power available in Central and Southern Italy. Data from these Sections, Districts, etc. were received and allocations were made as per Appendix "A" attached.

55. ITALIAN ELECTRICITY SITUATION:

2341

51. The eighteenth meeting of the Electric Power Committee was held at 0930 hours on Tuesday, 17 APRIL 1945, in the AFHQ (AFHQ) Conference Room, RMCE.

PRESENT:

Representatives of:

Colonel A. L. DICK, Engineer Section, AFHQ.

D.W., AFHQ
D.M.A., ITALY
HQ, No. 1 District
HQ, No. 2 District
HQ, No. 3 District
CG, Rome Area Allied Command
CG, P.A.A.
EL, ALCON
Electrical Reconstruction Committee

In attendance:

Chiefs of Section, AFHQ, AFHQ.

52. MINUTES OF PREVIOUS MEETING:

The minutes of the previous meeting held 20 MARCH 1945 were approved.

53. MINUTES OF BOARD MEETING:

No matters arose for discussion from the meeting of the Board held on 7 APRIL 1945.

54. ALLOCATION OF POWER - MAY:

A report was received from HQ, AFHQ on the amount of power available in Central and Southern Italy. Demands from these sections, districts, etc. were received and allocations were made as per appendix "A" attached.

2341

55. ITALIAN ELECTRICITY SITUATION:

a. HQ, AFHQ reported that the second of the large generating units at the Galleto Power Station, Rome came into operation on the 10th April 1945. The increased allocations agreed at the last meeting of the Committee became effective as from the same date. (appendix "A" to minutes of meeting of 20 March 1945-refer.)

b. The Livorno Grid will be connected to the Central Italy Grid as from 1st May 1945. This will complete the inter connected grid system in Central Italy, which will be controlled from the Rome Master Control Center.

c. HQ, AFHQ reported that the abnormally dry season is showing signs of reducing the generating capacity in Southern and Central Italy. The present capacity will be maintained but subsequently reactivated capacity may not be fully available during the critical summer months.

d. It was recommended to the Board that the attention of all Services and ALCON, operating factories utilizing electric power, be drawn to the fact that production which could be attained if the maximum availability of power could be used.....

Chairman
Colonel R. M. McCa, Engineer Section, AFHQ.

Representatives of:

D.W., AFHQ
D.M.A., ITALY
HQ, No. 1 District
HQ, No. 2 District
HQ, No. 3 District
CG, Rome Area Allied Command
CG, F.B.S.
HQ, ALOM
Electrical Reconstruction Committee

In attendance:

Chiefs of Section, AFHQ, AFHQ

52. MINUTES OF PREVIOUS MEETING:

The minutes of the previous meeting, held 20 MARCH 1945 were approved.

53. MINUTES OF BOARD MEETING:

No matters arose for discussion from the meeting of the Board held on 7 APRIL 1945.

54. ALLOCATION OF POWER - MAY:

A report was received from HQ, AFHQ on the amount of power available in Central and Southern ITALY. Demands from Base Sections, Districts, etc. were received and allocations were made as per appendix "A" attached.

55. ITALIAN ELECTRICITY SITUATION:

2341

a. HQ, ALOM reported that the second of the large generating units at the Gallarate Power Station, had come into operation on the 10th April 1945. The increased allocations agreed at the last meeting of the Committee became effective as from the same date. (appendix "A" to minutes of meeting of 20 March 1945-refer).

b. The Livorno Grid will be connected to the Central Italy Grid as from 1st May 1945. This will complete the inter connected grid system in Central Italy, which will be controlled from the Rome Master Control Center.

c. HQ, ALOM reported that the abnormally dry season is showing signs of reducing the generating capacity in Southern and Central Italy. The present capacity will be maintained but subsequently reactivated capacity may not be fully available during the critical summer months.

d. It was recommended to the Board that the attention of all Services and ALOM, operating factories utilizing electric power, be drawn to the fact that production which could be attained if the maximum availability of power could be used.....

(Mas 2/12/47)

- 2 -

used between 2200 hours and 0600 hours daily. Potential electric power is at present being wasted during the night hours due to the non-utilization of the stream flow.

56. ELECTRICITY SUPPLY FOR IRRIGATION PURPOSES:

The figures of the estimated requirements of electric power for irrigation purposes in liberated Italy throughout the summer season were received.

The only compartment on the Central Italy Grid requiring an allocation during May were Marche, Abruzzi and Molise and an additional night allocation of 2,000 KW was made to No. 1 District to meet this demand.

It was stated that on the Southern Italy system sufficient power was available, within the allocations authorized, to meet the irrigation demands.

57. NEXT MEETING:

The next meeting of the Committee will be held at 0930 hours on Tuesday, 22 May 1945, in the AFHQ (AFHQ) Conference Room, Rome.

S. J. B. Louden
S. J. B. LOUDEN, Major, EMAG,
Secretary,
A. F. L. R. (ITALIAN) BOARD.

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14	C-4 (B), AFHQ (For DMG)	77/78	HQ 1 District
15/16	C-4 (B), AFHQ (Spares)	79	CE 1 District
17/18	C-5, AFHQ	80	HQ 2 District
19	QM, Coal Section, AFHQ	81	CE 2 District
20	Q(Maint), AFHQ	82/83	HQ 3 District
21	(A2), AFHQ	84	CE 3 District
22	Bgr. AFHQ	85/89	CE, RAC
23	ICE, AFHQ	90	G-4, 5th Army Rear
24	NGRE, AFHQ	91/94	CE, PES
25	S & T, AFHQ	94/95	REA, PES
26	REME, AFHQ	96	REA, PES South
27/28	MEB, Italy	97/98	HQ, Adriatic Base Command

The next meeting of the Committee will be held at 0930 hours on Tuesday, 22 MAY 1945, in the AFHQ (AFHQ) Conference Room, ROME.

W. J. B. Loudon

W. J. B. LOUDON, Major, DPM, Secretary,
... P. L. R. (ITALIAN) BOARD.

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15/16	G-4 (B), AFHQ (Source)	79	CE 1 District
17/18	G-5, AFHQ	80	HQ 2 District
19	Q, Coal Section, AFHQ	81	CE 2 District
20	Q(Maint), AFHQ	82/83	HQ 3 District
21	Q(a3), AFHQ	84	CE 3 District
22	Engr. AFHQ	85/89	CG, RMAC
23	ICE, AFHQ	90	G-4, 5th Army Rear
24	MESE, AFHQ	91/93	CE, PBS
25	S & T, AFHQ	94/95	REA, PBS
26	RESE, AFHQ	96	REA, PBS South
27/28	ME3, Italy	97/98	HQ, Adriatic Base Command
29	Fiscal Director, AFHQ	99	Electrical Reconstruction Committee
30	P.A., AFHQ	100	Chairman, Electric Power Committee
31	Inc. Increment, CUP	101	AFRS, Tuscany Region
32	CG, MTOUSA	102	AFRS, Naples Area
33	CPA, MTOUSA	103	AFRS, (S.E.) Area
34/35	Director of Eng. Prod. & Stores, AFHQ	104	AFRS, Sicilian Area
36	Hq, ALOM	105	AFRS, c/o G-4 5th Army Rear
37	Vice-President, Economic Section, ALOM	106	AFRS, PBS Area
38/43	Economic Section, ALOM	107	AFRS, Eighth Army
44/45	Industry Sub-Commission, ALOM	108	AFRS, c/o APO Ravenna
46/50	Public Works & Utilities Sub-Commission, ALOM	109	AFRS, c/o HQ 1 District
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62/64	Comdr. U.S. EIGHTH Fleet	111	RM (FOTALL)
65	SEGLASINO, ITALY	112	File
66	COMMOB, Palermo	113/130	Spares
67	Co. Nav. Det. Naples		

APPENDIX "A"

ALLOCATION OF ELECTRIC POWER - MAY 1945.SOUTHERN ITALY

<u>AREA SERVED</u>	<u>RESPONSIBILITY OF</u>	<u>PERMISSIBLE</u>	
		<u>KWH x 10³</u>	<u>15 minute peak ENERGY KWH x 10⁶</u>
APULIA CO.	3 DISTRICT	40.00	20.50
To UNES	3 DISTRICT	4.00	1.75
NAPLES DISTRICT	PES	40.00	20.00
CAMPANIA CO.			
(i) Pomigliano	3 DISTRICT	4.00	2.50
(ii) Salerno-Torre-Anselmaro	3 DISTRICT	21.00	11.00
(iii) Benevento	3 DISTRICT	3.25	1.40
(iv) Calore	3 DISTRICT	1.25	0.70
(v) Santa Maria	PES	5.50	2.80
LUCANIA CO.	3 DISTRICT	4.00	1.50
		<u>123.00</u>	<u>62.15</u>
CALABRIA 60 KV SYSTEM			
(i) Calabria Co.	ALOM	8.50	2.00
(ii) Crotona Plant	ALOM	9.00	5.80
		<u>17.50</u>	<u>7.80</u>
RAILWAYS, NAPLES AREA	IES	1.50	1.10
" FOGGIA-BENEVENTO	IES	4.50	1.70
" SALERNO-TORRE	IES	2.00	1.10
TOTAL Railway load on 150 KV System		<u>8.00</u>	<u>3.90</u>
RAILWAYS, CALABRIA on 60 KV System	IES	3.00	1.70
TOTAL 150 KV at Sub-Stations		121.00	66.05
TOTAL 60 KV at Sub-Stations		20.50	9.50
TOTAL 150 KV and 60 KV		<u>141.50</u>	<u>75.55</u>
TOTAL at Plants		168.00	87.00

NOTES: Diversity factor for May - 0.92
 Losses factor for May - 1.21
 Energy Loss - 15%

CENTRAL ITALY - GRID

<u>AREA SERVED & RESPONSIBILITY OF:</u>	<u>0600 hours to 2200 hours KWH x 10³</u>	<u>2200 hours to 0600 hours KWH x 10³</u>
DISTRICT I (including irrigation)	42.00 +	16.50
		<u>23.10</u>
		<u>6.90</u>

CALABRIA 60 KV SYSTEM

(1) Calabria Co.
(11) Crotona PlantALOM
ALOM
2.00
5.00
7.00RAILWAYS, NAPLES AREA
" ROGLA-BENEFITO
" SALERNO-FURREIES
IES
IES
1.10
1.70
1.10
3.90

TOTAL Railway load on 150 KV System

1.70

RAILWAYS, Calabria on 60 KV System IES

66.05

TOTAL 150 KV at Sub-Stations

9.50

TOTAL 60 KV at Sub-Stations

75.55

TOTAL 150 KV and 60 KV

87.00

TOTAL at Plants

NOTES: Diversity factor for May - 0.92
Losses factor for May - 1.21
Energy Loss - 1.5%

CENTRAL ITALY - GRID

AREA SERVED &
RESPONSIBILITY OF:0600 hours to 2200 hours
Kd x 10³ Kd x 10³ Kd x 10³DISTRICT I (including
irrigation)

42.00 +

16.50

36.00

23.10
6.90

DISTRICT III

7.00

2.80

5.00

1.00

5th ARMY

16.00

6.50

16.00

3.00

R.A.A.C.

52.00

20.30

30.00

5.70

M.R.G.

10.00

4.00

10.00

2.00

Terni Carbide (ALOM)

-

10.00

2.00

P.B.S.

19.50

11.50

5.00

1.00

TOTAL

146.50

61.40

112.00

21.60

* This figure includes 8.00 Kw x 10³ which is earmarked for BOLOGNA and will be withdrawn from DISTRICT I when required there. 5th Army representative undertook to notify AFES as soon as the date is known by which the transmission lines to BOLOGNA are able to carry the load and the power is required to be made available.

4010 EX Commission (29)
3193

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ALLIED POWER LOCAL RESOURCES SECTION
A.P.H.C.

123/215A.

Postal Address:
AFHQS, Rome Area
Allied Command,
C.M.P.
TEL: ROME 66275

20 March 1945.

ALLIED POWER LOCAL RESOURCES (ITALIAN) BOARDELECTRIC POWER COMMITTEE - MINUTES

42. The seventeenth meeting of the Electric Power Committee was held at 0930 hours on Tuesday, 20 March 1945, in the ALIES (AFHQ) Conference Room, ROME.

PRESENT:Chairman

Colonel R. M. KOWAL, Engineer Section, AFHQ

Representatives of:

NO, A.C.
DAMI, ITALY
NO, No. 1 District
NO, NO. 2 District
NO, No. 3 District
CG, ROME Area Allied Command
CS, P.S.S.
Electrical Reconstruction Committee

In Attendance:

Chiefs of Section, AFHQS, AFHQ
Representative of D.W., AFHQ

43. MINUTES OF PREVIOUS MEETING:

The Minutes of the previous meeting held on 20 February 45 were approved.

44. MINUTES OF 30.10. MEETING:

No action was taken for discussion from the meeting of the Board held on 3 March 45.

45. ALLOCATION OF POWER - AFHQS

A report was received from HQ AFHQ on the amount of power available in Central and Southern Italy. Demands from Base Sections, Districts, etc., were received and allocations were made as per Appendix "A" attached.

2334

the seventeenth meeting of the Board, Rome, 20 March 1945, in the AFHQ Conference Room, Rome.

PRESIDENT:

Colonel R. M. ENGLISH, Engineer Section, AFHQ

Chairman

Representatives of:

US, A.C.
DMS, ITALY
HQ, No. 1 District
HQ, No. 2 District
HQ, No. 3 District
CC, Rome Area Allied Command
OF, P.B.S.
Electrical Reconstruction Committee

In Attendance:

Chief of Section, AFHQ, AFHQ
Representative of P.W., AFHQ

13. MINUTES OF PREVIOUS MEETING:

The minutes of the previous meeting held on 20 February 45 were approved.

14. BUSINESS OF THE MEETING:

No matters arose for discussion from the meeting of the Board held on

3 March 45.

15. ALLOCATION OF POWER - APRIL:

A report was received from HQ AG on the amount of power available in Central and Southern Italy. Demands from Ruffa Section, Districts, etc., were received and allocations were made as per Appendix "I" attached.

2339

16. ITALIAN ELECTRICITY SITUATION:

A report was received from the Electrical Reconstruction Committee (IRAE) on the Italian electricity situation for the month of April and is attached as Appendix "II".

17. ELECTRICITY SUPPLY FOR IRRIGATION PURPOSES:

It was not found possible to decide on a general policy for dealing with demands for power for irrigation. Purpose in the absence of details of their extent. On submission of such details the Committee would consider the problem.

18. CIVILIAN DEMANDS FOR POWER IN ITALIAN GOVERNMENT TERRITORY:

A draft procedure submitted by HQ AG regarding the submission of civilian demands for electric power in Italian Government territory was received by the Committee and is attached as Appendix "III" for the information of all members.

MEMORANDUM

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• 67

It was recommended to the Board that D.W., AFSA, or his representative, be elected to membership of the Committee.

• **DEVELOPING MARKETS** - 76

The next meeting of the Committee will be held at 0930 hours on Tuesday, 17 April 1945, in the JFHS (JFHS) Conference Room, ROSE.

4449/16173

S. J. B. LOUTEN, Major, DRUM,
Secretary,
L. F. I. R. (ITALIAN) BOARD.

NOTATION

Cont. 10.

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15/16	G-4 (B), AFHQ (Spence)
17/18	G-5, AFHQ
19	CM, Civil Section, AFHQ
20	Planning, AFHQ
21	CM, AFHQ
22	DSR, AFHQ
23	NSRE, AFHQ
24	DET, AFHQ
25	DSB, AFHQ
26/27	DSR, AFHQ
28	Medical Director, AFHQ
29	S-4, AFHQ
30	TH, Document, CDP
31	CG, AFHQ
32	UP, AFHQ
33	Director of Engineer Production & Stores, AFHQ
34	AFHQ

59	59, J. L. BARTO
60/62	Comer, R. S. Eighth Plant
63	SHAWLINO, F. J. J.
64	N. J. P. (A)
65	N. J. P. (B)
66/69	J. P. S. / 1970
70/71	W. J. P. 4 Group, R. J. P.
72	P. J. P.
73/74	W. J. District
75	W. J. District
76	W. J. District
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15/16	6-4 (B), AFM (Spartan)	70/71	AF 214 Group, RLP
17/18	6-5, AFM	72	Y. L. RLP
19	OS, Coal Section, AFM	73/74	OS 1 District
20	9 (indist), AFM	75	OS 1 District
21	OS, AFM	76	OS 2 District
22	DOX, AFM	77	OS 2 District
23	WV, AFM	78	OS 3 District
24	DOX, AFM	79	OS 3 District
25	DOX, AFM	80/84	OS, RLP
26/27	DOX, AFM	85/87	OS, FHS
28	AFM Director, AFM	88/89	AFM, PERMAD
29	AFM, AFM	90	AFM, PERMAD South
30	AFM, AFM	91/92	AFM, AFM South
31	AFM, AFM	93	AFM, AFM South
32	AFM, AFM	94	AFM, AFM South
33	AFM, AFM	95/100	AFM, AFM South
34	AFM, AFM	101	AFM, AFM South
35	AFM, AFM	102	AFM, AFM South
36/41	AFM, AFM	103	AFM, AFM South
42/43	AFM, AFM	104	AFM, AFM South
44/50	AFM, AFM	105	AFM, AFM South
	AFM, AFM	106	AFM, AFM South
	AFM, AFM	107	AFM, AFM South
	AFM, AFM	108/111	AFM, AFM South
	AFM, AFM	112	AFM, AFM South
	AFM, AFM	113/150	AFM, AFM South

APPENDIX "A"

SOUTHERN ITALY		PERMISSIBLE 15 Minute Peak KW x 10 ³	PERMISSIBLE ENERGY KWH x 10 ⁶
AREA SERVED		RESPONSIBILITY OF	
APULIA CO		3 DISTRICT	40.00
To UNES		3 DISTRICT	4.00
NAPLES DISTRICT		PBS	40.00
CAMPANIA CO.			
(i) Pomigliano		3 DISTRICT	4.00
(ii) Salerno-Torre-Castellomare		3 DISTRICT	20.00
(iii) Puncvento		3 DISTRICT	3.00
(iv) Calore		3 DISTRICT	1.50
(v) Santa Maria		PBS	5.50
LUCANIA CO.		3 DISTRICT	5.00
			123.00
CALABRIA 60 KV SYSTEM			
(i) Calabria Co.		AC	9.50
(ii) Crotone Plant		AC	9.00
			18.50
RAILWAYS, NAPLES AREA		DC-PS	1.50
" FOGGIA-BENEVENTO		DC-PS	4.50
" SALERNO-TORRE		DC-PS	2.00
TOTAL Railway load on 150 KV System			8.00
RAILWAYS, CALABRIA on 60 KV System		DC-PS	3.00
TOTAL 150 KV at Sub-Stations			131.00
TOTAL 60 KV at Sub-Stations			21.50
TOTAL 150 KV and 60 KV			152.50
TOTAL at Plants			178.00
CENTRAL ITALY			
AREA SERVED & RESPONSIBILITY OF:		0600 hours to 2200 hours KW x 10 ³	2200 hours to 0600 hours KWH x 10 ⁶
GRID			
DISTRICT 1.			
Terni			
Spoleto			
Perugia & Foligno			
Ancona			
Arezzo			
Siena			
Ovieto			
TOTAL DISTRICT 1		22.2	15.2
			2338
			3.06

CALABRIA 60 KV SYSTEM					
(i) Calabria Co.	AC	9.50	5.80	3.20	
(ii) Crotona Plant	AC	2.00	9.00	5.80	
		18.50		9.00	
RAILWAYS, NAPLES AREA					
"	DC RS	1.50	1.10	1.10	
"	DC RS	4.50	1.70	1.70	
"	DC RS	2.00	1.10	1.10	
SALERNO-TORRE	DC RS	8.00	3.90	3.90	
TOTAL Railway load on 150 KV System					
	DC RS	3.00	1.70	1.70	
RAILWAYS, CALABRIA on 60 KV System					
	DC RS	131.00	70.30	70.30	
TOTAL 150 KV at Sub-Stations		21.50	10.50	10.50	
TOTAL 60 KV at Sub-Stations		152.50	80.80	80.80	
TOTAL 150 KV and 60 KV					
TOTAL at Plants		178.00	93.00	93.00	
CENTRAL ITALY					
AREA SERVED & RESPONSIBILITY OF:		0600 hours to 2200 hours KW x 10 ³	2200 hours to 0600 hours KW x 10 ³	0600 hours to 0600 hours KW x 10 ³	
GRID					
DISTRICT I					
Turni					
Spoletto					
Perugia & Poligno					
Ancona					
Arenzo					
Sienna					
Ovieto					
TOTAL DISTRICT I	22.2	8.39	15.2	3.06	2338
DISTRICT III					
Caprano					
Frosinone					
Pieti					
Viterbo					
TOTAL DISTRICT III	4.0	1.62	2.0	0.41	
5th AREA					
Florence					
Pistoia					
TOTAL 5 AREA	10.0	4.05	8.0	1.61	
					/HBS.....

AREA SERVED & RESPONSIBILITY OF:	CENTRAL ITALY CONT'D			
	06 hours to 2200 hours KW x 10 ³	2200 hours to 0600 hours KW x 10 ³	2200 hours to 0600 hours KW x 10 ³	0600 hours to 0600 hours KW x 10 ³
GRID				
P.B.S.				
Littoria				
Civitavecchia				
TOTAL PBS	2.0	0.81	2.5	0.41
RAIL AREA ALLIED COAL				
TOTAL RAIL AREA	48.0	19.85	25.0	5.04
ALLIED COAL				
MILITARY RAILWAY				
TOTAL D.R.R.	5.0	1.98	5.0	1.00
GRID TOTAL	91.2	36.70	57.7	11.53

AREA SERVED	CENTRAL ITALY (LEGHORN GRID)		PERMISSIBLE ENERGY KW x 10 ⁶
	RESPONSIBILITY OF	PERMISSIBLE 15 minute Peak KW x 10 ³	
Leghorn	PBS	8.50	4.20
Lucca	PBS	2.00	1.20
Piombino	PBS	1.00	.60
Grosseto	PBS	2.00	1.20
Livorno	PBS	1.00	.60
TOTAL Leghorn Grid		14.50	7.80

The above allocations for Central Italy will be effective until receipt from AFPS, AFHQ of notification of the date from which the following increased allocations can be utilized. (This date is anticipated to be in the neighborhood of 10 APRIL 1945)

AREA SERVED & RESPONSIBILITY OF:	0600 hours to 2200 hours KW x 10 ³	2200 hours to 0600 hours KW x 10 ³	0600 hours to 0600 hours KW x 10 ³
-------------------------------------	--	--	--

GRID			
DISTRICT 1.			
Ferris			
Spoleto			
Perugia & Gellano			
Ancona			
Arezzo			
Sienna			

CENTRAL ITALY (LEGHORN GRID)			
AREA SERVED	RESPONSIBILITY OF	PERMISSIBLE 15 minute Peak KW x 10 ³	PERMISSIBLE ENERGY KWH x 10 ⁶
Leghorn	PBS	8.50	4.20
Lucca	PBS	2.00	1.20
Piombino	PBS	1.00	.60
Grosseto	PBS	2.00	1.20
Lardarello	PBS	1.00	.60
TOTAL Leghorn Grid		14.50	7.80

The above allocations for Central Italy will be effective until receipt from AFPS, AFHQ of notification of the date from which the following increased allocations can be utilized. (This date is anticipated to be in the neighborhood of 10 APRIL 1945)

AREA SERVED & RESPONSIBILITY OF:	0600 hours to KW x 10 ³	2200 hours to KWH x 10 ⁶	2200 hours to KW x 10 ³	0600 hours to KWH x 10 ⁶
GRID				
DISTRICT I.				
Ferni				
Spoleto				
Perugia & Golinzo				
Ancona				
Arezzo				
Siena				
Ovieto				
TOTAL DISTRICT I	33.5	12.86	25.0	4.80

DISTRICT III				
Cephrano				
Prosinone				
Rieti				
Viterbo				
Rome				
Aquila				
Campobasso				
Chieti				
Pescara				
Torino				
TOTAL DISTRICT III	7.4	2.84	4.0	.77
/5th AFHQ.....				

AREA SERVED & RESPONSIBILITY OF:	0600 hours to 2200 hours KWH x 10 ⁶		2200 hours to 0600 hours KWH x 10 ⁶	
	0600 hours KWH x 10 ⁶	to 2200 hours KWH x 10 ⁶	2200 hours KWH x 10 ⁶	to 0600 hours KWH x 10 ⁶
<u>5th ARMY</u>				
Florence				
Prato				
Pistoia				
TOTAL 5 ARMY	16.0	6.14	10.0	1.92
<u>P.B.S.</u>				
Litteria				
Civitavecchia				
TOTAL PBS	5.5	2.11	4.5	.86
<u>ROLE AREA ALLIED COMMAND</u>				
TOTAL ROLE AREA				
ALLIED COMMAND	50.5	20.00	29.0	5.57
<u>MILITARY RAILWAY</u>				
TOTAL D.M.R.	8.0	3.07	8.0	1.54
<u>GRAND TOTAL</u>	120.9	47.02	80.5	15.46

26
APPENDIX "B"

Tel. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

HEH/PWU

20 March 1945

SUBJECT : Italian Electrical Situation
as of 20th March 1945 (Central Italy).

TO : Electric Power Committee
Allied Force Local Resources Section RAAC GMP.

1. The second of the large generating Units at the Gallarate Power Station, Italy, will be ready for operation about 10th April 1945. This will make a further 30,000 Kilowatts of power available on the Central Italy Grid.

2. A number of smaller plants have also been brought into operation but the output capacity is, to some extent, offset by the breakdown of other plants and the withdrawal of plants for normal maintenance.

3. Many of the Hydro-Electric Generating Stations will have to reduce their output during MAY due to reduced water flow. It is anticipated that this reduction in generating capacity will be replaced by restoration of additional plants.

(SIGNED)

W. H. LAFFER
Lieut-Colonel
Elect. Reconst.
Committee (Italy)

~~HEADQUARTERS ALLIED COMMISSION~~

ASO 394

PUBLIC WORKS AND UTILITIES SUB-COMMITTEE

Electrical Division

Application for supply of electricity for civilian purposes in Italian Government Territory

- 1) - Application for a supply of electricity for civilian purposes within the Italian Government territory should in all cases be made to the Local Office of the Electricity Supply Company.
- 2) - Electricity Supply Companies will submit a list of all applications for electricity to the Provincial Commission within whose area the request is made.
- 3) - Provincial Commissions (included in the Italian Government electricity rationing decree dated 5 April 1944) will examine all applications for electricity, give priority rating and pass them to the Advisory Committee on Electric Power for the area concerned.
- 4) - Advisory Committee on Electric Power is a technical body to advise the Ministry on matters connected with electric power. They are formed in Sardinia, Sicily, ²²⁷⁵South and

Application for a supply of electricity for civilian purposes within the Italian Government territory should in all cases be made to the Local Office of the Electricity Supply Company.

- 2) - Electricity Supply Companies will submit a list of all applications for electricity to the Provincial Commission within whose area the request is made.
- 3) - Provincial Commissions (included in the Italian Government electricity rationing decree dated 5 April 1944) will examine all applications for electricity, give priority rating and pass them to the Advisory Committee on Electric Power for the area concerned.
- 4) - Advisory Committee on Electric Power is a technical body to advise the Ministry on matters connected with electric power. They are formed in Sardinia, Sicily, ^{Southern} and Central Italy and will, for each of these areas, advise on the availability of electric power, passing the list of applications forward to the Central Commission.
- 5) - Central Commission in the Ministry of Public Works (included in the ~~Italian Government~~ electricity rationing decree dated 5th April 1944) will coordinate applications for electricity, make final decisions and apply to the Allied Commission representative on the Electric Power Committee of the Allied Force Local Resources (Italian) Board for the power to be made available.

- 2 -

- 6) - Allied Commission representative on the Electric Power Committee will submit the applications for electricity to the Chief Engineer of the appropriate Military District who will include them in his bid on the Electric Power Committee of the A.P.L.R. (I) B. afterwards notifying the Electric Power Company direct regarding the power which is to be made available.

NOTE : By deleting (6) and altering (5) to read that the

Central Commission will make request direct to the

Electric Power Companies, the arrangements will be used at a later date by the Italian Government in their post war electricity rationing scheme.

19 March 1945

W. H. Lapper

W. H. LAPPER
Lt-Colonel
Chief Elec. Div.

ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.

IRS/216A

COPY NO: 1

Postal Address :
AFIRS, Rome Area
Allied Command,
C.M.F.

TEL : ROME 66063

20 February 1945

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

36. The sixteenth meeting of the Electric Power Committee was held at 0930 hours on Tuesday, 20 February 1945, in the Allied Force Local Resources Section AFHQ Conference Room, Rome.

PRESENT:

Colonel B.O. SNOW, ^{Chairman} Engineer Section, AFHQ

Representatives of:

HQ, AC
DAR, Italy
Hq, No. 1 District
Hq, No. 2 District
Hq, No. 3 District
CG, Rome Area Allied Command
CG, PBS
Electrical Reconstruction Committee

In Attendance:

Chiefs of Section, AFIRS, AFHQ.

37. MINUTES OF PREVIOUS MEETING:

The minutes of the previous meeting held on 22 January 1945 were approved.

38. MINUTES OF BOARD MEETING:

No matters arose for discussion from the meeting of the Board held on 3 February 1945.

The Committee considered its membership and decided to make no change.

ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.

IRS/216A

COPY NO: 1

Postal Address :
AFIRS, Rome Area
Allied Command,
C.M.F.

TEL : ROME 66063

20 February 1945

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

36. The sixteenth meeting of the Electric Power Committee was held at 0930 hours on Tuesday, 20 February 1945, in the Allied Force Local Resources Section AFHQ Conference Room, Rome.

PRESENT:

Colonel B.O. SNOW, ^{Chairman} Engineer Section, AFHQ

Representatives of:

HQ, AC
DAR, Italy
Hq, No. 1 District
Hq, No. 2 District
Hq, No. 3 District
CG, Rome Area Allied Command
CG, PBS
Electrical Reconstruction Committee

In Attendance:

Chiefs of Section, AFIRS, AFHQ.

37. MINUTES OF PREVIOUS MEETING:

The minutes of the previous meeting held on 22 January 1945 were approved.

38. MINUTES OF BOARD MEETING:

No matters arose for discussion from the meeting of the Board held on 3 February 1945.

The Committee considered its membership and decided to make no change.

ELECTRIC POWER COMMITTEE - MINUTES

36. The sixteenth meeting of the Electric Power Committee was held at 0930 hours on Tuesday, 20 February 1945, in the Allied Force Local Resources Section AFHQ Conference Room, Rome.

PRESENT:

Chairman
Colonel E.C. SHAW, Engineer Section, AFHQ

Representatives of:

HQ, AC
DMR, Italy
Hq, No. 1 District
Hq, No. 2 District
Hq, No. 3 District
CG, Rome Area Allied Command
CG, PES
Electrical Reconstruction Committee

In Attendance:

Chiefs of Section, AFHQ, AFHQ.

37. MINUTES OF PREVIOUS MEETING:

The minutes of the previous meeting held on 22 January 1945 were approved.

38. MINUTES OF BOARD MEETING:

No matters arose for discussion from the meeting of the Board held on 3 February 1945.

The Committee considered its membership and decided to make no change.

39. ALLOCATION OF POWER - MARCH:

A report was received from HQ AC on the amount of power available in Central and Southern Italy. Demands from Base Sections, Districts, etc., were received and allocations were made as per Appendix "A" attached.

40. ITALIAN ELECTRICITY SITUATION:

A report was received from the Electrical Reconstruction Committee (Italy) on the Italian Electricity situation as at 20 February 1945, and is attached as Appendix "B".

-2-

1. NEXT MEETING:

The next meeting of the Committee will be held at 0930 hours on Tuesday 20 March 1945, in the AFHS (AFHQ) Conference Room, Rome.

John F. Culotta

J. T. WHITTAKER, Major, INF,

Secretary,

A. W. L. R. (ITALIAN) BOARD.

JTW/nj

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14	G-4 (B), AFHQ (For DODG)
15/16	G-4 (B), AFHQ (Spares)
17/18	G-5, AFHQ
19	QM, Coal Section, AFHQ
20	Q(Maint), AFHQ
21	Q(AE), AFHQ
22	CE, AFHQ
23	DCE, AFHQ
24	MGRE, AFHQ
25	DST, AFHQ
26	DOS, AFHQ
27	DME, AFHQ
28/29	DMR, ITALY
30	Fiscal Director, AFHQ
31	F.A., AFHQ
32	Tn. Increment, C.M.F.
33	CG, MTOUSA
34	GPA, MTOUSA
35/36	Director of Engineer Production & Stores, AFHQ
37	Hq AC
38	Vice-President, Economic Section, AC
39/44	Economic Section, AC
45/46	Industry Sub-Commission, AC
47/51	Public Works & Utilities Sub-Commission, AC
62	C.S., TARANTO
63/65	Comdr, U.S. Eighth Fleet
66	SENALUSNO, ITALY
67	MAAF (A)
68	MAAF (B)
69/72	AAFSO/MTO
73/74	Hq 214 Group, RAF
75	F.A., RAF
76/77	HQ 1 District
78	CE 1 District
79	HQ 2 District
80	CE 2 District
81/82	HQ 3 District
83	CE 3 District
84/86	CG, RAAC
89/91	CE, PBS

28/29 DMR, ITALY
 30 Fiscal Director, AFHQ
 31 F.A., AFHQ
 32 Tn. Increment, C.M.F.
 33 CG, MTOUSA
 34 CPA, MTOUSA
 35/36 Director of Engineer Production & Stores, AFHQ
 37 Hq AC
 38 Vice-President, Economic Section, AC
 39/44 Economic Section, AC
 45/46 Industry Sub-Commission, AC
 47/51 Public Works & Utilities Sub-Commission, AC
 62 C.S., TARANTO
 63/65 Comdr, U.S. Eighth Fleet
 66 SINALUSNO, ITALY
 67 MAAF (A)
 68 MAAF (B)
 69/72 AFSC/MFO
 73/74 Hq 214 Group, RAF
 75 F.A., RAF
 76/77 Hq 1 District
 78 CE 1 District
 79 Hq 2 District
 80 CE 2 District
 81/82 Hq 3 District
 83 CE 3 District
 84/88 CG, RAAC
 89/91 CE, PBS
 92/93 EPA, PENRSE South
 94 EPA, PENRSE South
 95/96 Hq Adriatic Depot
 97 Electrical Reconstruction Committee
 98 Chairman, Electric Power Committee
 99/104 AFIRS, Adv. Ech.
 105 AFIRS NAPLES Area
 106 AFIRS (S.I.) Area
 107 AFIRS SICILIAN Area
 108 AFIRS, AFHQ (CISERTA)
 109 RN (TOMAM)
 110 RN (TOTALI)
 111 File
 112/130 Spares

22

APPENDIX "A"

SOUTHERN ITALY

<u>AREA SERVED</u>	<u>RESPONSIBILITY OF</u>	<u>PERMISSIBLE 15 Minute Peak KW x 10³</u>	<u>PERMISSIBLE ENERGY KWH x 10⁶</u>
APULIA CO To UNES	3 DISTRICT	42.00	22.00
NAPLES DISTRICT	3 DISTRICT	3.00	2.00
CAMPANIA CO.	PBS	40.00	22.00
(i) Pomigliano	3 DISTRICT	4.00	2.50
(ii) Salerno-Torre-Castellana	3 DISTRICT	19.00	11.50
(iii) Benevento	3 DISTRICT	3.00	1.70
(iv) Calore	3 DISTRICT	1.50	1.10
(v) Santa Maria	PBS	5.50	2.90
LUCANIA CO.	3 DISTRICT	5.50	2.00
		<u>123.50</u>	<u>67.70</u>
CALABRIA 60 KV SYSTEM			
(i) Calabria Co.	AC	9.50	3.20
(ii) Crotona Plant	AC	2.00	1.30
		<u>11.50</u>	<u>4.50</u>
RAILWAYS, NAPLES AREA	DEGRS	1.50	1.10
" FOGGIA-BENEVENTO	DEGRS	4.50	1.70
" SALERNO-TORRE	DEGRS	2.00	1.10
TOTAL Railway load on 150 KV System		<u>8.00</u>	<u>3.90</u>
RAILWAYS, CALABRIA on 60 KV System	DEGRS	3.00	1.70
TOTAL 150 KV at Sub-Stations		131.30	71.60
TOTAL 60 KV at Sub-Stations		<u>14.50</u>	<u>6.20</u>
TOTAL 150 KV and 60 KV		<u>145.80</u>	<u>77.80</u>
TOTAL at Plants		170.60	90.00

CENTRAL ITALY

<u>AREA SERVED & RESPONSIBILITY OF:</u>	<u>0600 hours to 2200 hours KW x 10³</u>	<u>2200 hours to 0600 hours KW x 10³</u>
---	---	---

GRIDDISTRICT 1.

Terni
Spoleto
Perugia & Foligno

		3 DISTRICT	5.30	2.00
			123.90	57.70
LUCANIA CO.				
CALABRIA 60 KV SYSTEM				
(1) Calabria Co.		AC	9.50	3.20
(11) Crotona Plant		AC	2.00	1.30
			11.50	4.50
RAILWAYS, NAPLES AREA				
" FOGGIA-BENEFENTO		DCMS	1.50	1.10
" SALERNO-TURRE		DCMS	4.50	1.70
		DCMS	2.00	1.10
TOTAL Railway load on 150 KV System			8.00	3.90
RAILWAYS, CALABRIA on 60 KV System				
		DCMS	3.00	1.70
TOTAL 150 KV at Sub-Stations			131.30	71.60
TOTAL 60 KV at Sub-Stations			14.50	6.20
TOTAL 150 KV and 60 KV			145.80	77.80
TOTAL at Plants			170.60	90.00
CENTRAL ITALY				
AREA SERVED & RESPONSIBILITY OF:				
GRID				
DISTRICT I.				
Terni		0600 hours to 2200 hours	2200 hours to 0600 hours	
Spoleto		KWH x 10 ³	KWH x 10 ³	KWH x 10 ⁶
Perugia & Poligno				
Ancona				
Arezzo				
Siena				
Oviato				
TOTAL DISTRICT I		22.2	15.2	3.06
DISTRICT III				
Cepurino				
Prosinone				
Rieti				
Viterbo				
TOTAL DISTRICT III		4.0	2.0	0.41
5th ARMY				
Florence				
Pistoia				
TOTAL 5 ARMY		10.0	8.0	1.61
				/FBS.....

2332

CENTRAL ITALY CONT'D

AREA SERVED & RESPONSIBILITY OF: 0600 hours to 2200 hours 2200 hours to 0600 hours
 KW x 10³ KW x 10³ KW x 10³

GRIDP.B.3.

Littoria

Civitavecchia

TOTAL PBS

2.0

0.51

2.5

0.41

ROME AREA ALLIED COMD

TOTAL ROME AREA

ALLIED COMMAND 48.0

19.85

25.0

5.04

MILITARY RAILWAY

TOTAL D.M.R.

5.0

1.98

5.0

1.00

GRAND TOTAL

91.2

36.70

57.7

11.53

CENTRAL ITALYAREA SERVED

LIVORNO

LUCCA

PIOMBINO

GROSSETO

LIVORNO

TOTAL

RESPONSIBILITY OF PERMISSIBLE 15 Minute Peak PERMISSIBLE
 KW x 10³ KW x 10³ KW x 10³

PBS

PBS

PBS

PBS

PBS

8.00

0.50

1.50

1.50

1.00

12.50

4.00

0.50

0.50

1.00

0.50

6.90

21

APPENDIX "B"

ALLIED FORCE HEADQUARTERS
Electrical Reconstruction Committee (Italy)
APO 512

19 February 1945

Subject: Italian Electricity Situation
as of 20 February 1945 (Central Italy)

To : ELECTRIC POWER COMMITTEE,
Allied Force Local Resources Section, RAAC, C.M.F.

1. The operation of the interconnected electrical systems in Central Italy has been most successful. A great improvement in the maintaining of frequency and voltage of supply has been achieved in most areas due to the control of this system under the Master Control Centre in Rome.
2. Good progress is being made in the rehabilitation of electrical generating plant and transmission systems. There will however be no additional generating capacity available for the month of March over that already shown for February.
3. It is anticipated that a substantial increase in generating capacity will be available in Central Italy during the month of April.

(SIGNED)
W.M. LAFER
Lt-Colonel
Elec. Reconst.
Committee (Italy)

40107

Exec-Comm

COPY NO. 33

2204
20

ALLIED FORCE LOCAL RESOURCES SECTION
AFHQ

Postal Address:
AFIRS (RAAC), APO 512

Telephone: ROME 66063

IRS/215A

9 March 1945.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - AGENDA

MAR 10 1945

The seventeenth meeting of the Electric Power Committee will be held at 0930 hours on Tuesday 20 MARCH 1945 in the AFIRS (AFHQ) Conference Room, 2nd Floor, 68 Piazza dell'Esedra, Rome, to consider the following Agenda:-

1. Minutes of the sixteenth meeting held on 20 FEBRUARY 1945.
2. To consider any matters arising out of the meeting of the Board held on 3 MARCH 1945.
3. To review the schedule of allocation of electric power and to receive applications for revised allocations for the month of APRIL.
4. To receive an application from D.W., AFHQ for membership on the Committee.
5. Any other business.
6. To set a date for the next meeting.



JOHN T. WHITTAKER, Major, INF,
Secretary,
A. F. L. R. (ITALIAN) BOARD.

2330

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See reverse

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5	A/CAO.
6/13	G-4 (A), AFHQ.
14	G-4 (B), AFHQ (For DQMG).
15/16	G-4 (B), AFHQ (Spares).
17/18	G-5, AFHQ.
19	Q(Maint), AFHQ.
20	CE, AFHQ.
21	ICE, AFHQ.
22	MGRE, AFHQ.
23	EXT, AFHQ.
24	IME, AFHQ.
25/26	IMR, ITALY.
27	Fiscal Director, AFHQ.
28	F.A., AFHQ.
29	Tn. Increment, C.M.F.
30	OG, MTOUSA.
31	GPA, MTOUSA.
32	Director of Engineer Production & Stores, AFHQ.
33	HQ, A.C.
34	Vice-President, Economic Section, AC.
35/40	Economic Section, HQ AC.
41/42	Industry Sub-Commission, AC.
43	Public Works & Utilities Sub-Commission, AC.
44/46	Comdr., U.S. EIGHTH Fleet.
47	SENALUSNO, ITALY.
48	MAAF (A).
49	MAAF (B).
50/51	AAFSC/MTO
52/53	HQ 214 Group, RAF.
54	F.A., RAF.
55/56	HQ 1 District.
57	HQ 2 District.
58/59	HQ 3 District.
60/64	CG, ROME Area Allied Command.
65/67	CE, PBS.
68/69	RPA, PBS.
70	RPA, PBS, South
71/72	HQ Adriatic Depot.
73	Electrical Reconstruction Committee.
74	Chairman, Electric Power Committee.
75/79	AFIRS, Adv. Ech.
80/81	AFIRS NAPLES Area.
82/83	AFIRS (S.E.) Area.
84	AFIRS SICILIAN Area.
85	AFIRS, AFHQ (CASERTA).
86	CE, 2 District.
87	RN (FORAM).
88	RN (POTALI).
89/92	War Diary.
93	File.
94/120	Spares.

ALLIED FORCE LOCAL RESOURCES SECTION

A.F.L.O.

Postal Address :
AFHQ, Rome Area
Allied Command,
C.M.F.
TEL : RMH 66275

22 January 1945.

JAN 24 1945

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

29. The thirteenth meeting of the Electric Power Committee was held at 0930 hrs on Monday, 22 JAN 45, in the Allied Force Local Resources Section AFHQ Conference Room, AFHQ.

PRESENT:

Colonel A.C. SPON, Chairman
Engineer Section, AFHQ

Representatives of:

BE, AC - gnd s/c
Dir, Italy
M, No 1 District
M, No 3 District
C, Rome Area Allied Command
CE, PHS
Electrician Reconstruction Committee - PWU s/c

In Attendance:

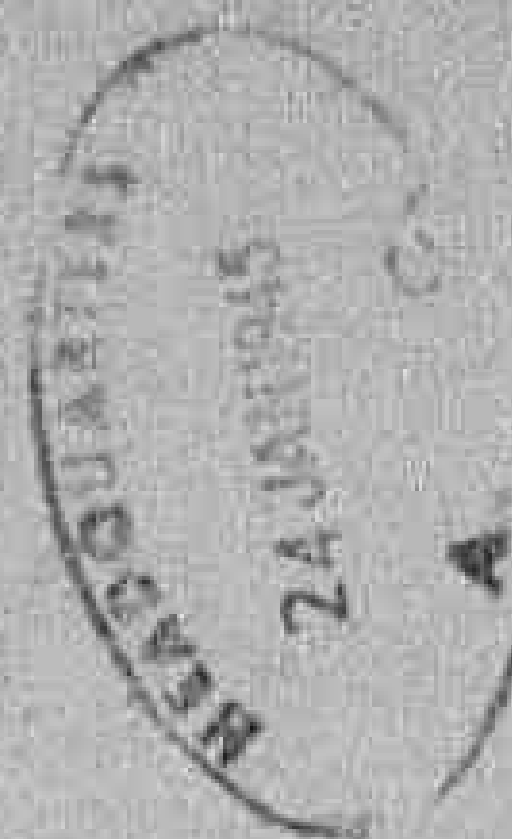
Chief of Section, AFHQ, AFHQ
and representative of:
S-6(a) (C), AFHQ
M, AFHQ
Florence Command

30. MINUTES OF PREVIOUS MEETING:

The minutes of the previous meeting held on 18 DEC 44 were approved.

31. MINUTES OF BOARD MEETING:

No motion arose for discussion from the meeting of the Board.



4010 785017 8602
18
15

ALLIED ARMS LOCAL RESOURCES (ITALY) BOARDSTANDARD POWER COMMITTEE - MINUTES

29. The fifteenth meeting of the Electric Power Committee was held at 0930 hrs on Monday, 22 Jan 45, in the Allied Force Local Resources Section AMTC Conference Room, RMF.

PRESIDENT:

Chairman
Colonel H.C. SHAW, Engineer Section, EWAC

Representatives of:

HQ, AC - gnd s/c
INR, Italy
HQ, No 1 District
HQ, No 3 District
Cdr, Home Area Allied Command
CE, RMF
Electrical Reconstruction Committee - PWU s/c

In Attendance:

Chiefs of Section, AMTB, AMTC
and representatives from:
1-4 (AM) (AM), AMTC
HARR, AMTC
Florence Command

30. MINUTES OF PREVIOUS MEETING:

The minutes of the previous meeting held on 18 DEC 44 were approved.

31. MINUTES OF BOARD MEETING:

No matters arose for discussion from the meeting of the Board 2329

23 DEC 44.

32. ALLOCATION OF POWER - FERRARIE:

A report was received from HQ AC on the amount of power available in Central and Southern Italy. Demands from these Sections, Districts, etc., are received and allocations were made as per Appendix 2, attached.

The position in Central Italy is as follows:-

1 District	Peak KW demand x 10	Max. KW allocation x 10
3 District	28.2	22.0
5th Army	5.0	4.0
F.S.S.	15.0	10.0
Home Area Allied Command	7.0	2.0
Military Hq.	60.0	40.0
	2.0	2.0
Totals	120.2	91.0

RECEIVED
24 JAN 1945
A

[Handwritten signature]

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22 January 1945
JAN 24 1945

- 2 -

Rome Area Allied Command and No 1 District stated that the allocation could not permit them to satisfy their minimum essential requirements. As it was impossible to increase the total amount available for allocation, the Committee could not agree to stop up their allocations at the expense of other areas.

33. ITALIAN SUPPLY SITUATION:

A report was received from the Electrical Reconstruction Committee (Italy) on the Italian Electricity situation as at 22 JAN 45 and is attached as Appendix "B".

34. MEMBERSHIP:

An application for membership in respect of G.A. KTOUSA was considered and not approved.

35. NEXT MEETING:

The next meeting of the Committee will be held at 0930 hours on Tuesday, 20 FEB 45 in the AFHQ (AFHQ) Conference Room, 33 Piazza dell'Espresso, Rome (2nd floor).

SJH/ps.

S. J. S. LORAN, Major, RMC,
Secretary,
A. P. L. R. (Italian) Staff.

DISSEMINATIONCAO 1-10

1	CAO, AFHQ
2/3	C-in-C, JCS
4	Chief, Communications, AG
5/12	G-1 (A), AFHQ
13/24	G-1 (B), AFHQ
22	G-1 (C), AFHQ (For IG, AG)
23/24	G-1 (D), AFHQ (Specs)
25/26	G-5, AFHQ
27	G-6, Coal Section, AFHQ
28	G (Adm), AFHQ
29	G (AE), AFHQ
30	CE, AFHQ
31	ICG, AFHQ
32	ADIR, AFHQ
33	DOE, AFHQ
34	DOO, AFHQ
35	DOE, AFHQ
36/37	DOE, AFHQ
38	Personal Director, AFHQ
39	PA, AFHQ
40	PA, AFHQ
41	PA, AFHQ
42	PA, AFHQ
43	PA, AFHQ
44/45	PA, AFHQ
46/47	PA, AFHQ
48	PA, AFHQ
49	PA, AFHQ
50/51	PA, AFHQ
52/53	PA, AFHQ
54/55	PA, AFHQ
56	PA, AFHQ
57	PA, AFHQ
58	PA, AFHQ
59	PA, AFHQ
60	PA, AFHQ
61/62	PA, AFHQ
63	PA, AFHQ
64/65	PA, AFHQ
66	PA, AFHQ

2328

29 G (AE), AFHQ
 30 CE, AFHQ
 31 DCS, AFHQ
 32 ASAC, AFHQ
 33 DCS, AFHQ
 34 DCS, AFHQ
 35 DCS, AFHQ
 36/37 DCS, AFHQ
 38 Chief Director, AFHQ
 39 SA, AFHQ
 40 Tu Increment, CEF
 41 CG, AFHQ
 42 CDA, AFHQ
 43 HQ, 15 Army Group
 44/45 HQ, 15 Army Group
 46/47 D.E.P. S., AFHQ
 48 HQ, AFHQ
 49 Vice-President, Economic Section, AFHQ
 50/51 Economic Section, AFHQ
 52/53 Industry Sub-Commission, AFHQ
 54/55 Public Works & Utilization Sub-Commission, AFHQ
 56 CS, AFHQ
 57 Coord., US Eighth Fleet
 58/59 SEASCOPE, Italy
 60 HQ 244 CG, AFHQ
 61/62 HQ 1 District
 63 CE 1 District
 64/65 HQ 2 District
 66 CE 2 District
 67/68 HQ 3 District
 69 CE 3 District
 70 CG, AFHQ
 71/72 AFHQ, AFHQ
 73 AFHQ, AFHQ
 74/75 AFHQ, AFHQ
 76/77 AFHQ, AFHQ
 78 AFHQ, AFHQ
 79 AFHQ, AFHQ
 80 AFHQ, AFHQ
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 93 AFHQ, AFHQ
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 97/98 AFHQ, AFHQ
 99/100 AFHQ, AFHQ
 101/102 AFHQ, AFHQ
 103/104 AFHQ, AFHQ
 105 AFHQ, AFHQ
 106 AFHQ, AFHQ
 107/108 AFHQ, AFHQ
 109/110 AFHQ, AFHQ
 111/112 AFHQ, AFHQ
 113/114 AFHQ, AFHQ
 115 AFHQ, AFHQ
 116 AFHQ, AFHQ
 117 AFHQ, AFHQ
 118/119 AFHQ, AFHQ
 120 AFHQ, AFHQ

APPENDIX "A"

SOUTHERN ITALY

AREA SERVED

RESPONSIBILITY OF

PERMISSIBLE
15 Minute Peak
ENERGY
KWH x 10⁶KWH x 10⁶

APULIA CO
TO INES
MARLES DISTRICT
CAMPANIA CO.
(i) Pontigliano
(ii) Salerno - Torre - Oest
(iii) Benevento
(iv) Calore
(v) Santa Maria
LUCANIA CO.

CALABRIA 60 KV SYSTEM
(i) Calabria Coy.
(ii) Crotona Plant

RAILWAYS, MARTIN AREA
" FOGGIA-BENEVENTO
" SALERNO-TORRE

TOTAL Railway Load on 150 KV System

RAILWAYS, CALABRIA on 60 KV System

TOTAL 150 KV at Substations
TOTAL 60 KV at Substations
TOTAL 150 KV and 60 KV

TOTAL at Plants

AREA SERVED &
RESPONSIBILITY OF:

CENTRAL ITALY

0600 hours to 2200 hours
KWH x 10⁶

2200 hours to 0600 hours
KWH x 10⁶

GRID

DISTRICT

Termin

Spec.

(iv) Calore	1.50	4.50	1.50
(v) Santa Maria	2.00	5.50	2.00
LOCAL CO.	5.00	5.00	5.00
		<u>123.30</u>	<u>61.70</u>
CALABRIA 60 KV SYSTEM			
(i) Calabria Coy.	AC	9.50	3.20
(ii) Orotone Plant	AC	<u>6.00</u>	<u>1.50</u>
		<u>11.50</u>	<u>4.50</u>
RAILWAYS, NAPLES AREA	DR	1.50	0.70
" FOGGIA-BENEFENTO	DR	1.50	1.50
" SALENTO-TORRE	DR	<u>6.00</u>	<u>1.00</u>
TOTAL Railway load on 150 KV System		<u>6.00</u>	<u>2.20</u>
RAILWAYS, CALABRIA on 60 KV System	DR	3.00	1.50
TOTAL 150 KV at Substations		11.50	64.90
TOTAL 60 KV at Substations		<u>14.50</u>	<u>6.00</u>
TOTAL 150 KV and 60 KV		<u>145.30</u>	<u>70.90</u>
TOTAL at Plants		74.40	83.00
AREA DEBATED & RESPONSIBILITY OF:			
GRID			
DISTRICT I.			
Ferris	0600 hours to 2200 hours	2200 hours to 0600 hours	
Spoleto	MI x 10	MI x 10	
Perugia & Foligno			
Assisi			
Assisi			
Assisi			
Orvieto			
TOTAL DISTRICT I	22.0	15.0	3.03
DISTRICT III			
Co, radio			
Prato			
Rieti			
Viterbo			
TOTAL DISTRICT III	4.0	2.0	0.41
5th ARMY			
Florence			
Pistoia			
TOTAL 5 ARMY	10.0	8.0	1.61
			1953.....

CENTRAL ITALY CONT'D

AREA SERVED & RESPONSIBILITY OF:

GRID

E.A.S.

Littoria

Civitavecchia

TOTAL PHS

2.0

0.81

2.5

0.41

ROME AREA ALLIED CORPS
TOTAL RMS AREA

ALLIED DEMAND

48.0

19.65

25.0

5.04

MILITARY RAILWAY
TOTAL E.M.S.

5.0

1.98

5.0

1.00

Grand TOTAL

91.0

38.63

57.5

11.50

DISTRICT 1

Terzi Carbide (which will
come off in case of
failure to (ALISTO))

10.0

4.0

15.0

3.0

CENTRAL ITALYAREA SERVED

LEGNONE & PISA

LIVOLI

PIOMBINO

GROSSETO

LIVORNO

RESPONSIBILITY OF

PHS

PHS

PHS

PHS

PHS

TERMINABLE
15 Minutes Peak
KW x 10³

6.00

6.80

6.50

6.30

6.20

5.60

PERMISSIBLE
ENERGY
KWH x 10³

3.00

0.50

0.30

0.60

0.14

4.54

TOTAL

APPENDIX "B"

ALLIED FORCE HEADQUARTERS
Electrical Reconstruction Committee (Italy)
APO 512

22 January 45.

Subject : Italian Electricity Situation
as of 22nd January 1945 (Central Italy).
To : Electric Power Committee,
Allied Force Local Resources Section, R.A.A.C., C.H.F.

1. The interconnection of the Electrical System of the Società Anonima di Elettricità, Azienda Comunale Elettricità ad Acqua and "Terni" Società per l'Industria e l'Elettricità have been completed and from 1st Feb. 1945 the whole of Central Italy, with the exception of the Leghorn Area, will be operated at 45 cycles.
2. A spare margin of capacity will be maintained on the system and it will now be possible to operate at the correct frequency and voltage.
3. The first of the Gallarate Generating units comes into service during January.

(SIGNED)
W.E. LAFIER
Lt-Colonel
Elec. Reconstruction
Committee (Italy)

4610 A
COPY NO: 36 7940
14
ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.

LRS/216.

Postal Address :
AFHQS, Rome Area
Allied Command,
C.M.F.
TEL : ROME 66275

12 January 1945

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - AGENDA

The fifteenth meeting of the Electric Power Committee will be held at 0930 hours on Monday 22 JAN 45 in the AFHQS Conference Room, 2nd Floor, 58 Piazza dell' Esedra, ROME, to consider the following Agenda :-

1. Minutes of the fourteenth meeting held on 18 DEC 44.
2. To consider any matters arising out of the meeting of the Board held on 23 DEC 44.
3. To review the schedule of allocation of electric power and to receive applications for revised allocations for the month of February.
4. Any other business.
5. To set a date for the next meeting.

HEADQUARTERS

15 JAN 45

C.

S. J. B. LOUEN, Major, D.C.G.,
Secretary,
A. F. L. R. (ITALIAN) BOARD.

SJBL/ga.

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15/16	G-4 (B), AFHQ (Spares)
17/18	G-5, AFHQ
19	Q(Maint), AFHQ
20	Q(AE), AFHQ
21	CE, AFHQ
22	DOB, AFHQ
23	MOCE, AFHQ
24	DST, AFHQ
25	DOS, AFHQ
26	IME, AFHQ
27/28	DMR, Italy
29	Fiscal Director, AFHQ
30	FA, AFHQ
31	Tn Increment, CMF
32	CG, MTOUSA
33	GPa, MTOUSA
34/35	D. of Eng. Prod & Stores, AFHQ
36	HQ, AC
37	Vice President, Economic Section, AC
38/43	Economic Section, HQ AC
44/45	Industry Sub-Commission, AC
46	Public Works & Utilities Sub-Commission, AC
47	Comdr., U.S., EIGHTH Fleet
48	SENALUSNO, Italy
49	MAAF (A)
50	MAAF (B)
51/52	AFJSC/ATO
53/54	HQ 214 Group R&F
55	FA, R&F
56/57	HQ 1 District
58/59	HQ 2 District
60/61	HQ 3 District
62/66	CG, Home Area Allied Command
67	Penbase Main
68	Penbase South
69/71	CE, PBS
72/73	BPA, Penbase Main
74	BPA, Penbase South
75/76	HQ, Adriatic Depot
77	Electrical Reconstruction Committee
78	Chairman, Electric Power Committee
79/83	LRS, c/c HQ 59 Area
84/85	AFJRS, Naples Area
86/87	AFJRS, S.E. Area
88	AFJRS, Sicilian Area
89	Adv. CE, 2 District
90	File
91/120	Spares.

40107
6050
12

ALLIED FORCE LOCAL RESOURCES SECTION

A.P.H.?

COPY NO:

Postal Address:
A.P.H., BANG, C.A.P.

TEL: 66275

18 December 1944

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MEMBERS

20 DEC 1944

25. The fourteenth meeting of the Electric Power Committee was held at 0930 hrs on Monday, 18 Dec 44, in the Allied Force Local Resources Section Conference Room, Rome.

PRESENT:

Chairman

Colonel A.A. SDAK, Engineer Section, AFHQ

Representatives of:

HQ AF

LAW, Italy

HQ, No. 1 District

HQ, No. 3 District

CC, BANG

CS, 1201

Electrical Reconstruction Committee.

In Attendance:

Chief of Section, AFHQ

and represented by a

Mr. AMB

26. The meeting was the previous meeting held on 22 Nov 44 was approved.

27. The minutes of the meeting of Electric Power was received and revised allocations for the month of January were made as per Appendix 1, attached.

28. The next meeting of the Committee will be held at 0930 hrs on Monday, 22 Jan 44 in the AFHQ Conference Room, Rome.

on Monday, 15 Dec 44, in the Allied Force Local Resources Section Conference Room, H.Q.

PRESENT:

Colonel R.H. Miller, Engineer Section, AFHQ

Representatives of:

W. AC
 AFHQ, Italy
 HQ, No. 1 District
 HQ, No. 3 District
 HQ, AFHQ
 CS, AFHQ
 Electrical Reconstruction Committee.

In Attendance:

Chief of Section, AFHQ
 and representatives of
 AFHQ, AFHQ

26. The minutes of the previous meeting held on 22 NOV 44 were approved.
27. The minutes in connection of Electric Power was reviewed and revised. Amendments for the month of January were made as per appendix "A" attached.
28. The next meeting of the Committee will be held at 0930 hrs on Monday, 22 JAN 45 in the AFHQ Conference Room, AFHQ.

2325

[Signature]

Col. R.H. Miller, AFHQ, Italy
 Secretary,
 Allied Force Local Resources (Italian) Board.

DISTRIBUTION:
 HQ, AFHQ

HEADQUARTERS
 2000

A. Cote 13
 see Minute 13

[Signature]

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13/21	1-4 (B), A274
14	1-4 (C), A274 (For 2 A2)
15/24	1-4 (D), A274 (Sparks)
16/26	1-4 (E), A274
17	On Local Section, A274
18	1-4 (F), A274
19	1-4 (G), A274
20	1-4 (H), A274
21	1-4 (I), A274
22	1-4 (J), A274
23	1-4 (K), A274
24	1-4 (L), A274
25	1-4 (M), A274
26/27	1-4 (N), A274
28	1-4 (O), A274
29	1-4 (P), A274
30	1-4 (Q), A274
31	1-4 (R), A274
32	1-4 (S), A274
33	1-4 (T), A274
34	1-4 (U), A274
35	1-4 (V), A274
36/37	1-4 (W), A274
38	1-4 (X), A274
39	1-4 (Y), A274
40	1-4 (Z), A274
41	1-4 (AA), A274
42	1-4 (AB), A274
43	1-4 (AC), A274
44/45	1-4 (AD), A274
46/47	1-4 (AE), A274
48	1-4 (AF), A274
49	1-4 (AG), A274
50/51	1-4 (AH), A274
52	1-4 (AI), A274
53/57	1-4 (AJ), A274
58	1-4 (AK), A274
59	1-4 (AL), A274
60	1-4 (AM), A274
61	1-4 (AN), A274
62	1-4 (AO), A274
63	1-4 (AP), A274
64	1-4 (AQ), A274
65	1-4 (AR), A274
66	1-4 (AS), A274
67	1-4 (AT), A274
68	1-4 (AU), A274
69	1-4 (AV), A274
70	1-4 (AW), A274
71	1-4 (AX), A274
72	1-4 (AY), A274
73/74	1-4 (AZ), A274
75/76	1-4 (BA), A274
77/78	1-4 (BB), A274
79	1-4 (BC), A274
80/81	1-4 (BD), A274
82	1-4 (BE), A274
83/84	1-4 (BF), A274
85	1-4 (BG), A274
86	1-4 (BH), A274
87/88	1-4 (BI), A274
89/90	1-4 (BJ), A274
91/92	1-4 (BK), A274
93	1-4 (BL), A274
94	1-4 (BM), A274
95	1-4 (BN), A274
96	1-4 (BO), A274
97	1-4 (BP), A274
98	1-4 (BQ), A274
99	1-4 (BR), A274
100	1-4 (BS), A274

30	CS, 2000
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93	CS, 2000
94	CS, 2000
95	CS, 2000
96	CS, 2000
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99	CS, 2000
100	CS, 2000

APPENDIX "A"

ALLOCATION OF ELIGIBLE POWER - JANUARY 1964

AREA SERVED	RESPONSIBILITY OF	ELIGIBLE Miles km x 1.6	ELIGIBLE WHEEL km x 1.6
<u>LOS ANGELES</u>			
UNION CO.	3 DISTRICT	42.00	23.00
TO WES	3 DISTRICT	3.00	2.00
RAILROAD DISTRICT	3 DISTRICT	35.00	20.00
<u>SAN ANTONIO</u>			
(i) Fossilburn	3 DISTRICT	1.00	2.00
(ii) Salinas - To - West	3 DISTRICT	19.00	10.50
(iii) Beaverton	3 DISTRICT	3.00	1.50
(iv) Calore	3 DISTRICT	1.50	1.00
(v) Santa Maria	3 DISTRICT	5.50	3.00
<u>SAN ANTONIO CO.</u>	3 DISTRICT	24.00	14.00
<u>CALIFORNIA CO. BY SUPPLY</u>			
(i) California Coy.	AC	3.50	2.00
(ii) Deaton's Plant	3	11.50	4.50
<u>RAILROAD</u>			
150 KV System	150 KV System	1.50	0.70
150 KV System	150 KV System	4.50	1.50
150 KV System	150 KV System	2.00	1.00
TOTAL Railway Load on 150 KV System		8.00	3.20
<u>RAILROAD on 60 KV System</u>			
150 KV System	150 KV System	2.00	1.00
150 KV System	150 KV System	1.00	0.50
TOTAL 150 KV at Substations		3.00	1.50
TOTAL 60 KV at Substations		4.50	2.50
TOTAL 150 KV and 60 KV		7.50	4.00
<u>TOTAL at Plants</u>			
150 KV System	150 KV System	15.00	8.00
60 KV System	60 KV System	2.00	1.00
TOTAL at Plants		17.00	9.00
<u>RAILROAD - GRID</u>			
150 KV System	150 KV System	1.00	0.50
150 KV System (Sec. 11111111)	150 KV System	3.00	1.50
150 KV System	150 KV System	4.50	2.50
150 KV System	150 KV System	1.00	0.50
150 KV System	150 KV System	1.50	0.75
TOTAL		11.00	6.25

2323

1. AREA 1000000

1. AREA 1000000
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8. AREA 1000000
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7. AREA 1000000
8. AREA 1000000
9. AREA 1000000
10. AREA 1000000

TOTAL 1000000

TOTAL 1000000

64.12 15.90 32.19 32.96
1.430 14.70 1.90 14.46

* * * * * Dependent on Galileo unit available in.

* * * * * 200000 to be available and the total up to 500000
subject to Galileo unit available in.

* * * * * Plus active content of these internal units.

COPY NO: 41

ALLIED NURSE LOCAL RESOURCES SECTION
A.P.H.Q.Postal Address:
APERS, RLMC, CMF

TEL: ROME 66275

7 December 1944.

ALLIED NURSE LOCAL RESOURCES (ITALIAN) BOARD -7 DEC 1944ELECTRIC POWER COMMITTEE - AGENDA

The fourteenth meeting of the Electric Power Committee will be held at 0930 hours on Monday 18 DEC 44 in the APERS Conference Room, 2nd floor, 66 Piazza dell'Esedra, ROME, to consider the following Agenda:-

1. Minutes of the thirteenth meeting held on 22 NOV 44.
2. To receive a request from the Engineering Materials Committee for the allocation of 1800 KW of power to the Nero Monterro chemical works for the production of ammonite.
3. To review the schedule of allocation of electric power and to receive applications for revised allocations for the month of January.
4. Any other business.
5. To set a date for the next meeting.

ELECTRIC POWER COMMITTEE - AGENDA

The fourteenth meeting of the Electric Power Committee will be held at 0930 hours on Monday 18 DEC 44 in the ARMS Conference Room, 2nd floor, 68 Piazza dell'Espresso, ROME, to consider the following AGENDA:-

1. Minutes of the thirteenth meeting held on 22 NOV 44.
2. To receive a request from the Engineering Materials Committee for the allocation of 1800 KW of power to the Nero Montefiore chemical works for the production of ammonia.
3. To review the schedule of allocation of electric power and to receive applications for revised allocations for the month of January.
4. Any other business.
5. To set a date for the next meeting.

2322

S.T.B. Louden

S.T.B. LOUDEN, Major, DSOES,
Secretary,

Allied Force Local Resources (Italian) Board.

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HEADQUARTERS

47 DEC 44

A. C.

W. H. G. N.

Ag

UNIT INFORMATION

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5	Chief, O. A. B. B.
6/14	Chief, O. A. B. B.
13	Chief, O. A. B. B.
15/17	Chief, O. A. B. B.
15/19	Chief, O. A. B. B.
20	Chief, O. A. B. B.
21	Chief, O. A. B. B.
22	Chief, O. A. B. B.
23	Chief, O. A. B. B.
24	Chief, O. A. B. B.
25	Chief, O. A. B. B.
26	Chief, O. A. B. B.
27	Chief, O. A. B. B.
28/29	Chief, O. A. B. B.
30	Chief, O. A. B. B.
31	Chief, O. A. B. B.
32	Chief, O. A. B. B.
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34	Chief, O. A. B. B.
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19. The 4th annual meeting of the Electrical Power Association was held at 0930 hrs on Wednesday, 22 April, in the Allied Power Local Relations Section Conference Room, NOLIS.

Present:- Colonel R. S. NARAYAN, Engineer Section at D. Chaitanya,

1500-1530-1560-1590-1620-1650-1680-1710-1740-1770-1800-1830-1860-1890-1920-1950-1980-2010-2040-2070-2100-2130-2160-2190-2220-2250-2280-2310-2340-2370-2400-2430-2460-2490-2520-2550-2580-2610-2640-2670-2700-2730-2760-2790-2820-2850-2880-2910-2940-2970-3000-3030-3060-3090-3120-3150-3180-3210-3240-3270-3300-3330-3360-3390-3420-3450-3480-3510-3540-3570-3600-3630-3660-3690-3720-3750-3780-3810-3840-3870-3900-3930-3960-3990-4020-4050-4080-4110-4140-4170-4200-4230-4260-4290-4320-4350-4380-4410-4440-4470-4500-4530-4560-4590-4620-4650-4680-4710-4740-4770-4800-4830-4860-4890-4920-4950-4980-5010-5040-5070-5100-5130-5160-5190-5220-5250-5280-5310-5340-5370-5400-5430-5460-5490-5520-5550-5580-5610-5640-5670-5700-5730-5760-5790-5820-5850-5880-5910-5940-5970-6000-6030-6060-6090-6120-6150-6180-6210-6240-6270-6300-6330-6360-6390-6420-6450-6480-6510-6540-6570-6600-6630-6660-6690-6720-6750-6780-6810-6840-6870-6900-6930-6960-6990-7020-7050-7080-7110-7140-7170-7200-7230-7260-7290-7320-7350-7380-7410-7440-7470-7500-7530-7560-7590-7620-7650-7680-7710-7740-7770-7800-7830-7860-7890-7920-7950-7980-8010-8040-8070-8100-8130-8160-8190-8220-8250-8280-8310-8340-8370-8400-8430-8460-8490-8520-8550-8580-8610-8640-8670-8700-8730-8760-8790-8820-8850-8880-8910-8940-8970-9000-9030-9060-9090-9120-9150-9180-9210-9240-9270-9300-9330-9360-9390-9420-9450-9480-9510-9540-9570-9600-9630-9660-9690-9720-9750-9780-9810-9840-9870-9900-9930-9960-9990-10020-10050-10080-10110-10140-10170-10200-10230-10260-10290-10320-10350-10380-10410-10440-10470-10500-10530-10560-10590-10620-10650-10680-10710-10740-10770-10800-10830-10860-10890-10920-10950-10980-11010-11040-11070-11100-11130-11160-11190-11220-11250-11280-11310-11340-11370-11400-11430-11460-11490-11520-11550-11580-11610-11640-11670-11700-11730-11760-11790-11820-11850-11880-11910-11940-11970-12000-12030-12060-12090-12120-12150-12180-12210-12240-12270-12300-12330-12360-12390-12420-12450-12480-12510-12540-12570-12600-12630-12660-12690-12720-12750-12780-12810-12840-12870-12900-12930-12960-12990-13020-13050-13080-13110-13140-13170-13200-13230-13260-13290-13320-13350-13380-13410-13440-13470-13500-13530-13560-13590-13620-13650-13680-13710-13740-13770-13800-13830-13860-13890-13920-13950-13980-14010-14040-14070-14100-14130-14160-14190-14220-14250-14280-14310-14340-14370-14400-14430-14460-14490-14520-14550-14580-14610-14640-14670-14700-14730-14760-14790-14820-14850-14880-14910-14940-14970-15000-15030-15060-15090-15120-15150-15180-15210-15240-15270-15300-15330-15360-15390-15420-15450-15480-15510-15540-15570-15600-15630-15660-15690-15720-15750-15780-15810-15840-15870-15900-15930-15960-15990-16020-16050-16080-16110-16140-16170-16200-16230-16260-16290-16320-16350-16380-16410-16440-16470-16500-16530-16560-16590-16620-16650-16680-16710-16740-16770-16800-16830-16860-16890-16920-16950-16980-17010-17040-17070-17100-17130-17160-17190-17220-17250-17280-17310-17340-17370-17400-17430-17460-17490-17520-17550-17580-17610-17640-17670-17700-17730-17760-17790-17820-17850-17880-17910-17940-17970-18000-18030-18060-18090-18120-18150-18180-18210-18240-18270-18300-18330-18360-18390-18420-18450-18480-18510-18540-18570-18600-18630-18660-18690-18720-18750-18780-18810-18840-18870-18900-18930-18960-18990-19020-19050-19080-19110-19140-19170-19200-19230-19260-19290-19320-19350-19380-19410-19440-19470-19500-19530-19560-19590-19620-19650-19680-19710-19740-19770-19800-19830-19860-19890-19920-19950-19980-20010-20040-20070-20100-20130-20160-20190-20220-20250-20280-20310-20340-20370-20400-20430-20460-20490-20520-20550-20580-20610-20640-20670-20700-20730-20760-20790-20820-20850-20880-20910-20940-20970-21000-21030-21060-21090-21120-21150-21180-21210-21240-21270-21300-21330-21360-21390-21420-21450-21480-21510-21540-21570-21600-21630-21660-21690-21720-21750-21780-21810-21840-21870-21900-21930-21960-21990-22020-22050-22080-22110-22140-22170-22200-22230-22260-22290-22320-22350-22380-22410-22440-22470-22500-22530-22560-22590-22620-22650-22680-22710-22740-22770-22800-22830-22860-22890-22920-22950-22980-23010-23040-23070-23100-23130-23160-23190-23220-23250-23280-23310-23340-2337

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Office of Benton, ARIZ.
August 24, 1900. Mr. J. C. Davidson, New-Orleans.
D. R., 1900.

20. The amount of the upland forest has declined by 50% in the last 20 years.

12. He withdrew arrest for disbarment from the meeting of the Board held on
13 NOV 44.

72. A report was received from the Electrical Reconstruction Committee, (Chicago) on the Italian Electricity situation as of 15 November 44 and in attached is Appendix 9/11.

25. The notation of Electric Power was received and ready 20

25. The telegraphic meeting of the Electric Power Committee was held at 0930 hrs on Wednesday, 22 Nov 44, in the Allied Forces Local Resources Section Conference Room, RACE.

Present:- Colonel R.A. HALL, Engineer Section AFHQ, Christchurch.

Recommendations of:-

III, LAL
Hq, AFHQ
LAL, AFHQ
H, No. 1, Warrenton
H, No. 3, District
O-3, LAL
O-3, AFHQ
Electrical Reconstruction Committee.

In Attendance:- Chief of Section, AFHQ.
Representative of:- Hq, AFHQ, Industry Sub-Committee.
D.W., AFHQ.

The minutes of the previous meeting held on 21 Oct 44 were approved.

20. The minutes were for discussion from the meeting of the Board held on

21. 14 Nov 44.

22. A report was received from the Electrical Reconstruction Committee, (AFHQ) on the Italian Electricity situation as at 15 November 44 and is attached as Appendix "A".

23. The schedule of allocation of Electric Power and fuel oil and electricity allocations for the month of December 44 was approved as per Appendix "B" attached as

24. The next meeting of the Committee will be held at 0930 hrs on Monday,

25 Dec 44 in the AFHQ Conference Room, RACE.

[Signature]
Major, AFHQ.
Secretary.
Allied Forces Local Resources (Italian) Board.

REL/AFHQ

RECEIVED

22/11

DISSEMINATION

Copy No.

1	C.O., AFHQ.
2/5	C.O.-C Head.
3	Chief Communications, J.C.
4	C-4 (H), AFHQ.
5	C-4 (H), AFHQ.
6/8	C-5, AFHQ.
7	C (Signal), AFHQ.
8	C-4, Tech Section, AFHQ.
9	C-4, AFHQ.
10	C-4, AFHQ.
11	C-4, AFHQ.
12	C-4, AFHQ.
13	C-4, AFHQ.
14/15	C-4 (H), AFHQ.
16	Signal Director, AFHQ.
17	C-4, AFHQ.
18	C-4, AFHQ.
19	C-4, AFHQ.
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63/64	C-4, AFHQ.

APPENDIX 2

ALLIED POWER REPLY LETTERS
Electrical Reconstruction Committee (Italy)
JPO 512

21 November 1944

Subject : Italian Electricity Situation
As of 15 November 1944

To : ELECTRIC POWER COMMITTEE, ALLIED POWER LOCAL
RESEARCH CENTER, R.M.A.S. - G.I.F.

Central Italy

1) - The electric generating capacity of Central Italy has increased twenty-five percent, or 14,000 kilowatts during the period 15 October - 15 November. The present effective generating capacity is approximately 54,000 kilowatts, as compared to the capacity of 40,000 kW prior to the enemy destruction. On the evening of 15 November, the power load for Rome and vicinity, including losses, reached 30,000 KW, the highest figure since Allied occupation.

2) - The following factors have contributed to the recent increase in capacity:

- (a) - The restoration of 14 units, having a total capacity of 14,000 kilowatts.
- (b) - Increased combined steam flow.
- (c) - Improved reliability of the Rome thermal generating stations.

3) - The consumption of electric energy in Central Italy during the month of October was 12.2 percent of the average monthly figure for 1941.

4) - Transmission line reconstruction continued throughout the month, nearly 200 kilometers having been completed.

Southern Italy

5) - The generating capacity of the Sicily hydroplants is electrically decreased during the month to a total of 207,140 KW. A limited-unit generator at the Oriskany Plant caused this decrease.

6) - The consumption of electric energy in Southern Italy during the month of October was 4.3 percent of average monthly figures for 1941.

2319

Southern Italy

- 1) - The electric generating capacity of Central Italy has increased twenty-five percent, or 16,700 kilowatts during the period 15 October - 15 November. The present effective generating capacity is approximately 54,000 kilowatts, as compared to the capacity of 30,000 KW prior to the heavy destruction. On the evening of 15 November, the peak load for Rome and vicinity, including houses, reached 20,000 KW, the highest figure since Allied occupation.
- 2) - The following factors have contributed to the latest increase in capacity:
 - a) - The restoration of 14 units, adding a total capacity of 16,200 kilowatts.
 - b) - Increased seasonal steam flow.
 - c) - Improved reliability of the four thermal generating stations.
- 3) - The consumption of electric energy in Central Italy during the month of October was 12.2 percent of the average monthly figure for 1944.
- 4) - Transmission line reconstruction continued throughout the month, nearly 300 kilometers having been completed.

Southern Italy

- 5) - The generating capacity of the Società Nazionale di Elettricità decreased during the month to a total of 207,140 KW. A turbine-out generator at the Oristano Plant caused the decline.
- 6) - The consumption of electric energy in Southern Italy during the month of October was 4.3 percent of average monthly figure for 1944.

(Signed)

W. M. LIPPER
Lieut-Colonel
Electrical Reconstruction
Corps (Italy)

2319

Figure 7

Journal of Economic Power - 1983 - Vol. 6

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CONCLUSIONS

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* *Chlorophyll a* fluorescence (F) was measured with a fluorometer (F6000, Shimadzu, Japan).

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Fig. 2. (a) Plot of $\log_{10}(\text{rate})$ vs. $\log_{10}(\text{rate})$ for the reaction of H_2O_2 with H_2O at 25°C . (b) Plot of $\log_{10}(\text{rate})$ vs. $\log_{10}(\text{rate})$ for the reaction of H_2O_2 with H_2O at 35°C .

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APPENDIX "B" (cont.)

- * Debitant on 6/11/70 with equity in.
- * 2,000 RT to be available on 12/31/70, and the balance is to 3,000 RT subject to 6/11/70 with equity in.
- * * * * * Same entire subject of 203 National Florida.

ALLIED FORCE LOCAL RESOURCES SECTION

AFHQ

12H/218

Postal Address:
AFHQ, 5440, ONO

Telephone: 46275

15 Nov 44

16 NOV Recd

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BUREAU
AFHQ, 5440, ONO

The thirteenth meeting of the Electric Power Committee will be held at 0930 hours, 22 Nov 44, in the AFHQ Conference Room, 2nd Floor, 68 PIAZZA DELL'ESERCA, ROME, to consider the following agenda:

1. Minutes of the twelfth meeting held on 24 Oct 44.
2. To consider any matters arising out of the meeting of the 24th held on 14 Nov 44.
3. To review the schedule of allocation of electric power and to receive applications for revised allocations for the month of December.
4. Any other business.
5. To set a date for the next meeting.

Copy No.

1. CAG, AFHQ.
2. C-in-C Med.
3. Chief Commandant, 15.
4. G-4 (A), AFHQ.
5. G-4 (S), AFHQ.
6. G-5, AFHQ.
7. G-6 (Admin), AFHQ.
8. US, AFHQ.
9. DEL, AFHQ.

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13. 3-340, ENLIT.
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S. J. E. Louson, Major, IAGB,
Secretary,
A. F. L. R. (Italian) Board.

2317

at 0950 hours, 22 Nov 44, in the ARLAS COMBATING ROOM, 2nd Floor, 65 PLAZA
TELL'ERNA, RILE, to consider the following agenda:

1. Minutes of the twelfth meeting, held on 21 Oct 44.
2. To consider any matters arising out of the meeting of the Board, held on 19 Nov 44.
3. To review the situation of allocation of electric power and to receive applications for revised allocations for the month of December.
4. Any other business.
5. To set a date for the next meeting.

CCNY No.

1. SAC, AMHQ.
2/3. C-16-0 RAB.
4. Chief of Communications, AC.
5. C-4 (A), AMHQ.
6. C-4 (S), AMHQ.
7/8. C-3, AMHQ.
9. C-1 (Adm), AMHQ.
10. C-2, AMHQ.
11. C-2, AMHQ.
12. C-3, AMHQ.
13/14. SAC (ITALY), AMHQ.
15. Chief Director, AMHQ.
16. SA, AMHQ.
17. SA, AMHQ.
18. SA, AMHQ.
19. C-2, AMHQ.
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22. C-2, AMHQ.
23/24. C-2, AMHQ.
25/26. C-2, AMHQ.
27. C-2, AMHQ.
28. C-2, AMHQ.
29/30. Vice-President, Economic Sec. HQ, AC.
31. Economic Section, HQ, AC.
32. Industrial Sec. Commission, AC.
Public Works & Utilities Sub. Comm. AC.

SECRET, ITALY

33. SAC, AMHQ.
34. SAC, AMHQ.
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2317

S. J. C. Landon, Major, IAQAR,
Secretary,
A. F. L. R. (Italian) Board.

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ALLIED FORM LOCAL RESOURCES SECTION
AFHQ

Postal Address:
AFHQ, HANOI, CUP.

Telephone: RMA 66275

21 Oct 44.

25 OCT Recd

ALLIED FORM LOCAL RESOURCES (ITALIAN) BOARD

ELECTRIC POWER COMMITTEE - MINUTES

9. The twelfth meeting of the Electric Power Committee was held at 0930 hrs on Saturday 21 Oct 44 in the Conference Room, HQ AAG, RAB.

Present: Colonel A. L. ELLIS, Engineer Section, AFHQ. Chairman.

Representatives of:

IN, AFHQ.
Transformation Insurgent, CUP.

HQ AAI.

ACC.

No. 1 District.

No. 3 District.

GU, AAG.

CU, PHS.

Electrical Reconstruction Committee.

In attendance:

Chief of Section, AFHQ.

Representatives of HQ ACC Infantry Sub-Commission.

10. The minutes of the previous meeting held on 28 Sep 44 were approved.

11. The Committee discussed the suggestion that the division line for the allocation of electric power should follow the Northern AFHQ administrative boundary and that all power produced north of this line should be allocated by HQ AAI. It was recommended to the Board that no change should be made to existing procedure but that the Committee should adopt a bulk demand from HQ AAI for the territory under their control to permit of the flexibility of local all requested by HQ AAI.

2316

Minutes of the Committee in para 11 above it was recommended to the

Chairman.

Representatives of:

US, AFHQ.
Transportation Element, OGP.
HQ AAF.
AFPC.
No. 1 District.
No. 3 District.
CC, RACD.
GO, PHS.
Electrical Reconstruction Committee.

In attendance:

Chief of Section, AFHQS.
Representatives of HQ AFPC Industry Sub-Committee.

10. The minutes of the previous meeting held on 26 Sep 44 were approved.

11. The Committee disapproved of the suggestion that the dividing line for the allocation of electric power should follow the northern AFHQ administrative boundary and that all power produced north of this line should be allocated by HQ AAF. It was recommended to the Board that no change should be made to existing procedure but that the Committee could accept a bill drawn from HQ AAF for the territory under their control to permit of the flexibility of local allocation requested by HQ AAF.

12. In view of the decision in para 11 above it was recommended to the Board that to facilitate the control of allocation of Electric Power, the mainland of Italy should be divided into two sections as recommended in the minutes of the last meeting (para 7 of such minutes refer).

13. A brief report on the Rehabilitation of Italy's Electric Power facilities was submitted by the representative of the Electrical Reconstruction Committee and is reflected at Appendix "A".

14. The minutes of allocation of Electric Power was received and revised allocations for the month of November were made as per Appendix "B" attached.

15. An application for permission for a representative of the Ministry of Public Works and Utilities or of the Ministry of Industry Commerce & Labour of the Italian Government to attend future committee meetings was considered, and it was decided that it would not be advisable to grant them membership of the Committee. They could, however, be co-opted should any particular problem arise necessitating their attendance.

16. The application submitted by HQ AAF for an additional 14,000 K.W. and 10,000,000 K.W.H. of power for the Grafton works of the Montecatini Co. was approved.

17.

An anticipated future demand was received from Transportation (Br) for 5,000 A.W. of power for the electrification of the LONDON-PLAZA and PLETO-BALDWIN railway lines. At this stage of the reevaluation progress the committee was unable to decide whether or not all this power could be made available as early as December. The Electrical Subcommittee was asked undertake to examine the problem carefully with a view to meeting the demand as far as possible.

18.

The next meeting of the committee will be held at 0930 hrs on Wednesday 12 Nov 44 at an address to be notified later.

[Signature]
S. J. T. LOUDON,
Chairman,
Secretary,

British Forces Local Resources (Italian) Board.

DIRECTORY:

1	640, AFHQ.	68	AFHQ (MORRIS ARMY) Board.
2/3	641-642, AFHQ.	69/72	AFHQ (MORRIS ARMY) Board.
4	Chief Engineer, AFHQ.	73/76	AFHQ (MORRIS ARMY) Board.
5	643 (a), AFHQ.	77	AFHQ (MORRIS ARMY) Board.
6	643 (b), AFHQ.	78	AFHQ (MORRIS ARMY) Board.
7/8	644, AFHQ.	78/100	AFHQ (MORRIS ARMY) Board.
9	645, AFHQ.		
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28	661, AFHQ.		
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31	663, AFHQ.		
32	664, AFHQ.		
33	665, AFHQ.		

DISSEMINATION:

1 GAO, AMHQ.
 2/3 C-40-C HQ, AMHQ.
 4 Chief Comptroller, AOC.
 5 C-4 (A), AMHQ.
 7/8 C-4 (B), AMHQ.
 9 C-5, AMHQ.
 10 C(Admin), AMHQ.
 11 C-6, AMHQ.
 12 C-7, AMHQ.
 13/14 DCA (T-1), AMHQ.
 15 Transportation Incomitant, OMF.
 16 Placed Director, AMHQ.
 17 FO, AMHQ.
 18 C-8, AMHQ.
 19 C-9, AMHQ.
 20 C-10, AMHQ.
 21 C-11, AMHQ.
 22 C-12, AMHQ.
 23/24 HQ, AMHQ.
 25/26 HQ, AMHQ.
 27 HQ, AMHQ.
 28 Via President Economic Section, AMHQ.
 29/30 Economic Section, AMHQ.
 31 Industry Sub-Commission, AMHQ.
 32 Public Works and Utilities Sub-Commission, AMHQ.
 33 C-13, AMHQ.
 34 C-14 (A), AMHQ.
 35 C-15 (B), AMHQ.
 36/39 C-16, AMHQ.
 40/41 C-17, AMHQ.
 42 C-18, AMHQ.
 43 C-19, AMHQ.
 44/47 C-20, AMHQ.
 48 C-21, AMHQ.
 49/50 C-22, AMHQ.
 51 C-23, AMHQ.
 52/56 C-24, AMHQ.
 57/58 C-25, AMHQ.
 59/61 C-26, AMHQ.
 62 C-27, AMHQ.
 63 C-28, AMHQ.
 64 C-29, AMHQ.
 65 C-30, AMHQ.
 66/67 C-31, AMHQ.

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ALLIED POWER RECONSTRUCTION
REHABILITATION COMMITTEE

21-00

21 October 1944.

SUBJECT : Rehabilitation of Italy's Electric Power Facilities.

TO : Electric Power Committee, Allied War Relocation Section,
R.A.A.C., O.S.P.

1. The Electric Reconstruction Committee was reestablished on 5 October 1944 under the provisions of A.P.R.C. Administrative Agreement No. 43. The committee previously existed under the sponsorship of A.P.R.C.

2. The duties of the Committee include recommending and reviewing plans for the rehabilitation of electric facilities. Rehabilitation plans have already been prepared by the Allied Control Commission in connection with the electric companies. For submission to the committee. In addition, emergency rehabilitation is being carried out.

3. A rehabilitation work, which started in September, Italy immediately following Allied liberation of the area last fall, is continuing. Of 3,500 kilometers of high tension transmission lines, 2,200 kilometers are currently under repair. 1,300 kilometers of lines are currently under repair. The present average generation is 45 per cent of the 1942 figure, and the present generating capacity is 60 per cent of the pre-war capacity.

4. More than 1,600 kilometers of high voltage transmission lines have already been repaired in Central Italy; 550 kilometers in the south. In addition, 18,000 kilometers of generating capacity is being placed back in operation. Repairs are being made to substations, a total capacity of many times this figure, but the capacity of the equipment is largely badly damaged, and a long time is needed to make repairs. The present daily electricity consumption of Central Italy is slightly more than 10 per cent of the 1939 amount.

5. Some of the rehabilitation work has been done with the direction of military units, engineer, and base sections. Other work has been done under the control of the Allied Control Commission. In all cases, however, the rehabilitation work has enjoyed the cooperation of military units which when called upon, have furnished all possible assistance in the form of equipment, material, and personnel.

6. The biggest difficulty yet encountered in connection with the rehabilitation program has been the lack of transportation. Any additional vehicles available would accelerate the present work.

7. A recommendation was made by the Electric Reconstruction Committee on 2 August that 60,000 kilometers of electrical transmission be imported for

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2. The duties of the Committee include recommending and reviewing plans for the rehabilitation of electric facilities. Rehabilitation plans have already been prepared by the Allied Control Commission in cooperation with the electric companies, for submission to the committee. Meanwhile, emergency rehabilitation is being carried out.

3. Rehabilitation work, which started in Southern Italy immediately following Allied liberation of the area last fall, is continuing. Of 3,320 kilometres of high tension transmission lines, 2,800 kilometres are back in service; 160 kilometres of lines are currently under repair. The present monthly energy generation is 45 per cent of the 1942 figure, and the present generating capacity is 80 per cent of the pre war capacity.

4. Over 1,600 kilometres of high voltage transmission lines have already been repaired in Central Italy, 530 kilometres are now under repair.

In addition, 16,000 kilometres of generating capacity in small plants have been placed back in operation. Repairs are being made to railway lines, a total capacity of only 10 per cent of the 1942 figure, but 80 per cent of this equipment is being badly damaged, and a long time is needed to make repairs. The present daily electricity consumption of Central Italy is slightly more than 10 per cent of the 1939 amount.

5. Some of the rehabilitation work has been under the direction of military units, district, and base sections. Other work has been under the control of the Allied Control Commission. In all cases, however, the rehabilitation work has enjoyed the cooperation of military units which when called upon, have furnished all possible assistance in the form of equipment, material, and personnel.

6. The biggest difficulty yet encountered in connection with the rehabilitation program has been the lack of transportation. Any additional vehicles available would accelerate the present work.

7. A recommendation was made by the electric reconstruction committee on August 1st 1945, that 10,000 kilometres of electrical generating equipment be imported for use in this theatre of operations. Two officers of the Allied Control Commission are now in the United States to investigate the availability of this equipment, and to arrange for it to be sent here.

(S) A. L. EDGAR
Colonel, U.S.A.
Deputy Chief Engineer.

APPENDIX "B"

APPENDIX "B"

APPENDIX "B" TO MINUTES OF
ELECTRIC POWER COMMISSION MEETING
21 OCTOBER 1964

ALLOCATION OF ELECTRIC POWER - NOVEMBER 1964

Area Served	Responsibility of	Permissible 15-minute peak MW $\times 10^3$	Permissible Energy KWH $\times 10^6$
<u>SOUTHERN ITALY</u>			
APULIA Co.	3 DISTRICT	42.00	19.00
APULIA Co. to IUGLI	3 DISTRICT	3.00	2.00
NAPLES District	P.B.S.	32.50	17.00
CAMPANIA Co.			
(i) PORTICIANO	3 DISTRICT	3.50	1.80
(ii) SALERNO-TORRE			
CASTELLARCA	3 DISTRICT	18.00	9.80
(iii) BENEVENTO	3 DISTRICT	3.00	1.50
(iv) CALORE	3 DISTRICT	4.50	0.70
(v) S. MARIA	P.B.S.	5.00	2.00
LUCAPIA Co.	3 DISTRICT	5.30	1.60
	TOTAL	113.30	55.60
<u>CALABRIA 60 KV SYSTEM</u>			
(i) CALABRIA Co.	400	9.50	3.20
(ii) CROTONA Plant	400	16.00	11.30
		25.50	14.50
<u>RAILWAYS</u>			
NAPLES Area 150 KV System	DEIR	4.50	0.70
NOGLIA-BENEVENTO 150 KV System	DEIR	4.50	1.50
SALERNO-TORRE 150 KV System	DEIR	2.00	1.00
Total Railway Load on 150 KV System		11.00	3.20
CALABRIA on 60 KV System		3.00	1.50
Total 150 KV at substations		121.30	58.80
Total 60 KV at substations		28.50	16.00
Total 150 KV and 60 KV		150.30	74.80
Total at Plants		160.00	86.50

APPENDIX "B" (contd.)

Permissible 15-minute Peak
KW x 10³

Area Served		Responsibility of	Grid	Non-grid
<u>CENTRAL ITALY</u>				
(i)	FLORENCE	1 DISTRICT	7.00	-
(ii)	AREZZO	"	-	1.00
(iii)	SIENA	"	-	1.00
(iv)	TRENT & District	"	4.50	-
(v)	SPOLETO	"	1.00	-
(vi)	TERRACINA & POLINO	"	3.50	-
(vii)	VITERBO	"	0.50	-
(viii)	ANCONA Province	"	-	2.70
(ix)	MACERATA Province	"	-	1.00
(x)	TOLENTINO Area	"	-	0.70
(xi)	ASCOLI Province	"	-	2.50
(xii)	SENIGALLIA & PESCARA	"	-	1.00
(xiii)	Soc. Volturna di Elettricità, CIVITAVECCHIA	P.B.S.	3.00	-
(xiv)	OFERANO & COLLESE	3 DISTRICT	0.25	-
(xv)	Soc. Romana di Elettricità, AGEL, ROME	R.A.A.C.	13.10 *	Entire output of thermal plants
TOTAL on Grid			<u>32.85</u>	

* On 15 November 1944 this allocation is increased to 17.10 KW x 10³. Any surplus in excess of operational requirements up to a maximum total of 25.00 KW x 10³ from the grid will be made available to ROME on first priority.

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Copy No. 4ALLIED FORCE LOCAL RESOURCES SECTION

132-248

Telephone:
ROME 66275

BAAC, GEF.

13 Oct 44.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARDELECTRIC POWER COMMITTEE - AGENDA.

The twelfth meeting of the Electric Power Committee will be held at 0930 hrs 24 Oct 44 in the Cafeteria Conference Room, HQ ACC, Via Vittorio Veneto, Rm 23, Ground Floor Rooms Nos. 27-29-31 to consider the following agenda:-

1. Minutes of the eleventh meeting held on 28 Sep 44.
2. To consider the following matters arising out of the meeting of the Board held on 7 Oct 44:-
 - (a) The recommendation contained in para 7 of the minutes of the meeting of 28 Sep 44 was not approved. The Committee was instructed to examine the establishment of the dividing line for allocations of electric power to follow the northern Allied administrative boundary, and to report their findings to the next meeting of the Board.
 - (b) The representative of the Electrical Reconstruction Committee was instructed to submit a brief report at each meeting of the Electric Power Committee, such report to be included in the minutes of the meeting, to show the progress made in, and the planning for, the rehabilitation of the electric power system in Italy. This is to be presented in the form of a preliminary report and followed by subsequent reports to each meeting of the Electric Power Committee.
3. To review the schedule of allocation of electric power and to receive applications for revised allocations for the month of November.
4. To consider an application for permission for a representative of the Ministry of Public Works & Utilities or of the Ministry of Industry Commerce & Labour of the Italian Government to attend future meetings.
5. To receive an application from HQ ACC Industry Sub-Commission for 14,000 K.W. and 10,000 K.W.

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1. Minutes of the eleventh meeting held on 28 Sep 44.
2. To consider the following matters arising out of the meeting of the Board held on 7 Oct 44:
 - (a) The recommendation contained in para 7 of the minutes of the meeting of 28 Sep 44 was not approved. The Committee was instructed to examine the establishment of the dividing line for allocations of electric power to follow the northern APIN administrative boundary, and to report their findings to the next meeting of the Board.
 - (b) The representative of the Electrical Reconstruction Committee was instructed to submit a brief report at each meeting of the Electric Power Committee, such report to be included in the minutes of the meeting, to show the progress made in, and the planning for, the rehabilitation of the electric power system in Italy. This is to be presented in the form of a preliminary report and followed by subsequent reports to each meeting of the Electric Power Committee.
3. To review the schedule of allocation of electric power and to receive applications for revised allocations for the month of November.
4. To consider an application for permission for a representative of the Ministry of Public Works & Utilities or of the Ministry of Industry Commerce & Labour of the Italian Government to attend future meetings.
5. To receive an application from HQ ACC Industry Sub-Commission for 14,000 K.W. and 10,000,000 K.W.H. of power for the operation of the fertilizer plant at the Crotone works.
6. Any other business.
7. To set a date for the next meeting.

[Signature]
 S. J. E. LOUISE,
 Captain,
 Secretary,
 Allied Forces Local Resources
 (ITALIAN) Board.

DISTRIBUTION (see page 2)

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11	ICE, AFHQ.
12	IR, AFHQ.
13/14	DEMS, AFHQ.
15	Platoon Director, AFHQ.
16	SA, AFHQ.
17	CG, MATRUSA.
18	CG, SOS MATRUSA.
19	CG, SOS MATRUSA.
20	GPA, SOS MATRUSA.
21	CAO, HQ AAI.
22/23	HQ AAI.
24	IR, HQ AAI.
25	HQ ACC.
26	Vice President, Economic Section, ACC.
27	Economic Section, ACC.
28	Industry Sub-Commission, ACC.
29	Public Works & Utilities Sub-Commission, ACC.
30	SIAMO, ITALL.
31	MAAP (Br).
32	MAAP (Br).
33/34	LAPO/ATO.
35/36	HQ 21, CG, R.A.P.
37	MA, R.A.P.
38/39	HQ No. 1 District.
40/41	HQ No. 2 District.
42/43	HQ No. 3 District.
44/45	CG, R.A.C.
46/47	CG, R.A.C.
48/49	CG, R.A.C.
50/51	CG, R.A.C.
52	CG, R.A.C.
53	CG, R.A.C.
54	CG, R.A.C.
55	Electrical Reconstruction Committee.
56	Chairman, Electric Power Committee.
57/58	IR, HQ AAI.

7/8	G-4 (B), AFHQ.
9	G-5, AFHQ.
10	Q (Er), AFHQ.
11	CE, AFHQ.
12	ICE, AFHQ.
13/14	IN, AFHQ.
15	DEMR, AFHQ.
16	Financial Director, AFHQ.
17	FA, AFHQ.
18	CG, NAVPERS.
19	CG, SOS NAVPERS.
20	CG, SOS NAVPERS.
21	CGA, SOS NAVPERS.
22/23	CAD, HQ AAL.
24	HQ AAL.
25	EW, HQ AAL.
26	HQ AAL.
27	Flot President, Economic
28	Economic Section, JSC.
29	Industry Sub-Commission.
30	Public Works & Utilization
31	SECS, ITALY.
32	MAP (Am).
33/34	MAP (Er).
35/36	MAP/ENO.
37	HQ 21, Co. RLP.
38/39	Pl., RLP.
40/41	HQ No. 1 District.
42/43	HQ No. 2 District.
44/45	HQ No. 3 District.
46/48	CS, RLP.
49/50	CA, RLP.
51/53	CS, RLP.
54	CS, AFHQ.
55	Electrical Reconstruction C
56	Ministry, Electric Power Co
57/58	LR, HQ AAL.
59	ALM (RPM) AFHQ, Board.
60/63	AFHQ, WHEELS AAL.
64/67	AFHQ, RAMP AAL.
68	AFHQ, RAMP AAL.
69	AFHQ, RAMP AAL.
70/90	AFHQ, RAMP AAL.

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