

ACC MI/PWU

10000/150/690



10000/150/690

MILANO OFFICE  
MAY - AUG. 1945



TELEPH. 20084  
EXT. 50M1  
VENICE OFFICE  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB COM.  
ALLIED COMMISSION  
A. P. O. 394

VENICE

20 August 1945

S. MARCO GALLIE GOLDONI 4423 A

PMV/pp

SUBJECT: Breda Transformers Reported at Bolzano

TO: Milano Office - Electrical Division - Public Works  
& Utilities Sub Com. Allied Commission - APO 394.-

Last month Capt. Best of your office asked us to trace two Breda transformers 4750 kVA, 4/40 kV., Serial Nos. 1441 and 1442 which were built for Lardarello, but reportedly sent to Lancia factory at Bolzano.

An AMG engineer at Bolzano has checked with the Lancia works and they have no knowledge of the transformers.

From the voltage it is evident that the transformers have never been used in the Venezia Region and are probably in Austria or Germany.



Chief Venice Office

6260



TELEPH. 20001  
EXT. 53

VENICE OFFICE  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB COM.  
ALLIED COMMISSION  
A. P. O. 394

20 July 1945  
VENICE  
S. MARCO GALLE GOLDONI 4408 A

TO : Provincial Commissioner  
Bolzano Province, A. M. G.  
( Attention Major Feldman )

Please investigate the attached correspondence and  
give us any information that can be obtained.

CHIEF VENICE OFFICE

Breda Transformers Nos. 1441 1442  
4750 KVA 4/40 KV  
Manufactured for Larderellà, reportedly sent to Lancia  
works at Bolzano by the Germans. H G Best

6259



Th. 12641  
Ext. 2521

MILAN OFFICE  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB. COM.  
ALLIED COMMISSION  
APO 394

Ref. 108/21

26 July 1945

Subject : Electric Generation Statistic  
To : See Distribution

- 1) - Statistical information pertaining to electric generation by your Company and subsidiary Companies is requested.
  - a) The total kilowatt demand at 1200 hours each day for all generating plants to be consolidated and sent to this office by phonogram.
  - b) Weekly report of kilowatt hours generated by all plants to be consolidated and mailed to this office.
  - c) Weekly report of potential electric power expressed in kilowatt hours in storage reservoirs operated by your Company to be mailed to this office.
- 2) - These reports should be started as of the first of July 1945 and continue until further notice.

Distribution :  
Montecatini - Servizi Energia  
Edison  
SADE  
SIP  
FF.SS.  
A.F.L. FALCK  
A.M. MILANO  
A.M. TORINO  
A.M. BOLOGNA  
SOC. PONALE  
SOC. COMEL  
SOC. CISON  
SOC. SIDAT  
SOC. TRENTINA DI ELETTRICITA'

*C. S. Wilcox*  
C.S. WILCOX  
Major Ord.  
Chief Milan Office  
Elec. Div. P.W. & U.S/C.

6258



TELEPH. 26004  
EXT. 53VENICE OFFICE  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB COM.  
ALLIED COMMISSION  
A. P. O. 394

28 June 1945

VENICE  
N. MARCO CALLE GOLDONI 4122 A

PMV/pp

SUBJECT: Release of Aluminum for Società Elettrica Bresciana

TO: Chief Milano Office - Electrical Division - Public Works &  
Utilities - S/C - Alcom

Attached is the correspondence concerning the request of Bresciana for 35 tons of Aluminum bar from Mori, Trento Province.

The letters do not state where the aluminum is to be re-drawn or for what purposes the conductor will be used. It would be pure folly to begin releasing materials with as little information as this.

In the Montecatini plant here we have some stocks of Aldrey and aluminum conductors on hand and also aluminum bars ready to draw additional conductor.

If complete information is sent in I can present the case before the Commerce Division of the Venezie Region who now have complete control over every item except a very few which are still controlled by AFIR(I)B such as tin, solder and white metal.

I know of no method by which you can gain control of electric conductors, aluminum and copper. Officially, I am the Electrical Officer under the Regional Engineer and am not on the Release Committee of the Commerce Division.

I will be pleased to obtain some information on transformer oil as my supply is getting shorter all the time.

Chief Venice Office

Inclosures

6257



Tel. 12407  
Ext. 2521

MILAN OFFICE  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB. COM.  
ALLIED COMMISSION  
APO 394

Ref. 101/3

18 June 1945

Memorandum for : Capt. P.M. Vannoy  
Chief Venice Office, Elect.Div.  
P.W.&U. S/C.

It has been my plan to pay you a visit, but it seems though it can not be done for at least two weeks yet. I am going to Turin - Genoa - Rome this week, and upon my return will let you know and make the trip we had planned. In the meantime will you please obtain from S.A.D.E. the information requested in Lt. Col. Lapper's letter copy of which is attached.

Also will you get the necessary action for blocking and authorizing the release of 35 Tons of aluminium request in the Soc. Elettrica Bresciana and return the correspondence here. We want to have all aluminium and copper suitable for electric work blocked and controlled for that service.

Capt. Harry Best is now to Bologna for a few days with reference to S.A.D.E. lines, Edison, but will return here while I am away. Wire drawing arrangements should work out all right at TRAFILERIE E LAMINATOI METALLI near Brescia. We propose to use that plant extensively for they really are equipped to produce results. Will check further into the matter of getting you some transportation while I am in Rome if it has not yet been provided.

Will also send you details as to procedure for handling approval of release for transformer oil. The Civilian Company and the Military have not agreed as to-date on all arrangements.

PUBLIC WORKS & UTILITIES	<i>George F. Parker</i>
DATE <i>25 June</i>	GEORGE F. PARKER
REG. N.	Lt. Col. Inf.
FILE N. <i>700</i>	Chief Milan Office
VENETIE REGION, A. M. G.	Eleo.Div.P.W.&U. S/C.

2 enclosures.

6256



TELEPH. 25004  
EXT. 38

VENICE OFFICE  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB COM.  
ALLIED COMMISSION  
A. P. O. 394

26 June 1945

VENICE

R. MARCO CALLE GOLDONI 4105 A

PMV/pp

SUBJECT: Progress of Plant Repairs S.A.D.E.

TO: Chief Milano Office - P.W.&amp; U. - S/C - Electrical Division-Alcom

The bomb damage to the canal for the Brentella Centrali of the S.A.D.E. has been repaired. The plants started operation at a reduced load on 12 June. 16 June the plants increased to full operation and can now produce as follows :

Pederobba	2,100	kW.	
Croce del Gallo	2,450	"	
Castelviero	4,800	"	(Purchased Power)
Caerano	1,600	"	(Purchased Power)
	10,950	kW.	

A maximum daily generation of about 200,000 kWh is expected.

The Doblari plant has been reconnected to the 130 kV. grid. This plant has been feeding a small amount of local load and some power was transmitted to Gorizia at 10 kV.

Doblari can now carry 31,500 kW. if required and will be a big help in feeding the 20,000 kW. estimated load of the Trieste area.

This information added to the 7 June report on the plant condition of the S.A.D.E. system will bring it up-to-date. A consolidated report will be made early in July. The peak which could be carried by the system is now 355,500, while our peak generation so far since occupation has been 176,000 kW.



Chief Venice Office

cc. Lt.Col. Lapper  
File —



TELEPH. 26004  
EXT. 53

VENICE OFFICE  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB COM.  
ALLIED COMMISSION  
A. P. O. 394

26 June 1945

VENICE  
R. MARCO CALLE GOLDONI 483 A

PMV/pp

SUBJECT: Field Trip - FF.SS. Bolzano Area 21 and 22 June 1945

TO: Chief Milano Office - Electrical Division - Public Works  
& Utilities Sub Commission - Allied Commission - APO 394

The condition of some of the transmission lines was observed while travelling in the Bolzano area with the Regional Engineer of Venezia Region.

60 kV. Campodazzo-Chiusa (16.7 cycles - 2 circuits)  
Repairs were being made just North of Campodazzo substation. This substation was destroyed. The railroad is operating electrically from Brennero to Bolzano.

130 kV. Bolzano-Bressanone (West circuit)  
This line is broken in many places and no repair crews were observed in action.

130 kV. Bolzano-Bressanone (East circuit)  
In most places this line does not follow the railroad and possibly escaped damage.

130 kV. Bressanone-Wilten (shown on map)  
This line does not exist and should be deleted from maps. For further information see my report on "Energie Company".



Chief Venice Office

cc. Lt. Col. Lapper  
cc. File —



TELEPH. 20064  
EXT. 53

VENICE OFFICE  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB COM.  
ALLIED COMMISSION  
A. P. O. 304

26 June 1945

VENICE

S. MARCO CALLI GOLDONI 4100 A

PMV/pp

SUBJECT: Field Trip - Energie Company Bolzano

TO: Chief Milano Office - Electrical Division - Public Works  
& Utilities - Sub Commission - Allied Commission -

The condition of the partially completed 130 kV. Bressanone-Innsbruck line was observed 21 and 22 June. The conductors of one circuit are completed from Bressanone to a point 5 Kilometers southeast of Vipiteno. In the vicinity of Vipiteno the conductors have been laid on the ground but no insulator units are yet on the towers.

The towers have all been erected to a point about 2 kilometers south of Brennero. No towers or steel parts were observed in this area.

The line is built thru dense pine woods for a majority of its length in Italy. The right-of-way has only been cleared to a width absolutely necessary for the one circuit. Innumerable outages will be experienced during winter operation due to snow and wind, since the width of cleared right-of-way is not sufficient.



Chief Venice Office

cc. Lt. Col. Lapper  
cc. File ✓

625



COPY OF THE LETTER :

Tel. 48E9081

Ext. 317

HEADQUARTERS ALLIED COMMISSION

WML/ce

APO 394

Public Works and Utilities Sub-Commission

15 June 1945

197/PWU

Subject : Electricity North Italy

To : Lt. Col. G.F. Parker  
A.C. Milan Office  
Electrical Div. P.W. & U. S/C  
APO 394 U.S. Army

1) We are anxious to know the position with regard to the supply of electricity in North Italy for the 6 months ending December 31 st 1945.

2) Would you please ask the S.I.P., Edison and Adriatica to let you have their estimate of the generating plant capacity, together with their estimate of the demand and units for each of the months July to December inclusive.

3) Do not include thermal stations in your calculations, as I am anxious to see whether the companies can meet the demand of electricity without the use of thermal stations, and thus save importing coal for electricity purposes. Coal, as you know, is a very critical item and is very short supply, and we might even consider the rationing of electricity, if it were found that coal was needed to supplement the hydro-electric generation.

4) This is a matter which can only be studied after receiving your information, and as you will possibly obtain the Edison information first, please forward this to me without waiting for the other companies.

5) If the companies state they are unable, owing to the industrial disturbance due to war-time conditions, to give you an estimate of the demand and units for the above mentioned months, I suggest that you should discuss it with them and press them for some kind of estimate, as they are obviously in a much better position than we are to make estimates of this kind.

W.M. LAPPER,  
Lt. Col.  
Chief Electrical Div.

6252



TELEPH. 26004  
EXT. 53

VENICE OFFICE  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB COM.  
ALLIED COMMISSION  
A. P. O. 394

June 7 1945

VENICE

N. MARCO GALLI GORDONI 1175 A

PMV/pp

SUBJECT: 130 kV. Bologna - Forlì Line S.A.D.E.

TO: Chief Milan Office - Electrical Division -  
P.W. & U. S/C - Alcom

We have received a report of the condition of the  
130 kV. Bologna - Forlì Line of the S.A.D.E. as follows :

130 kV. Bologna (Tre Madonne) - Forlì

Length 72 KM. (54 KM Copper 80 sq.m.m. and 18 KM  
A.C.S.R. 148 sq.m.m.)

173 Towers destroyed

20 Towers damaged

97 tons of Copper Conductor missing

7000 Insulator units missing.

The S.A.D.E. believes that this line is in such bad  
condition that it cannot be included in a program of work  
until late in 1945 or early 1946.



Chief Venice Office

cc. Lt. Col. Lapper

File



tel. 26064  
ext. 53

VENICE OFFICE  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB COM.  
ALLIED COMMISSION  
A P O 394

May 29 1945

PMV/pp

SUBJECT: Schedule of Repairs to Transmission Lines of the  
Società Adriatica di Elettricità

TO: Chief Milano Office, Elec. Division, P.W. & U. S/C Alcom

The S.A.D.E. has presented a plan of repairs to their 130 kV. and 50 kV. transmission lines. We agree with the major parts of their plan and have advised them to begin work at once on the following schedule.

I. = Lines north of the Po River the repair of which will connect operable generating plants to the system.

Line	Towers damaged	Conductor spans broken	Conduct. spans missing	Completion date
130 kV. Polpet-Bospirolo	4	--	6 29/5/45	7 June
130 kV. Nove-Saneva	2	--	15	7 July
130 kV. Doblari-Opicina	n o	r e p o r t		30 June
130 kV. Mori-Bussolengo	n o	r e p o r t		--
50 kV. Nove-Treviso	12		15	1 Sept.

II. = Lines between the Po and Reno Rivers the repair of which is necessary to supply the distribution between the rivers and to supply electricity to the 50 kV. <sup>lines</sup> south of the Reno River.

50 kV. Rovigo-Ferrara	7	50	4 9/6/45	12 June
50 kV. Ferrara-Portomaggiore	1	90	1	5 June
50 kV. Codigoro-Portomaggiore	2	40	1	12 June
50 kV. Bologna-Portomaggiore	2	50	1	19 June
50 kV. Portomaggiore-Argenta	2	50	2	30 June

It is also necessary to establish temporary outdoor 50/10 kV. transformation and switching equipment at Codigoro, Portomaggiore and Argenta to supply the distribution in the area.

625



2nd sheet

To Milan Office Elec.Div. - Schedule Repairs transmission lines of SADR-5.29.

III. = Lines south of the Reno

<u>Line</u>	<u>Towers damaged</u>	<u>Conductor spans broken</u>	<u>Conductor spans missing</u>	<u>Completion date</u>
50 kV. Argenta-Cotignola	42	No report	10 tons of copper	--
50 kV. Cotignola-Forlì	68	No report	25 tons of copper	--

It is also necessary to construct a temporary 50/10 kV. substation at Forlì.

The lines without estimated dates of completion are those for which transportation and materials must be obtained. Transportation is also required for moving transformers from Venice, Ferrara and Bologna for the four temporary substations.

Some delays are to be expected because of the shortage of petrol and trucks in this area.

Chief Venice office

cc. Lt. Col. Lapper  
cc. Major Knight





Lt. Col. G. F. Parker

Milan office

Electrical Division

Lombardia Region

Allied Commission

Venezia generation ample. Transmission  
repairs necessary. Col. Lapper expected this  
week. When can we expect you. Reply.

Major C. S. Wilcox

Venezia office.



ADVANCED SECTION  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB-COMMISSION  
ALLIED COMMISSION

May 4th 1945

GFP/ab

Ref. : 197/PWU

SUBJECT: Rehabilitation of Electric Power  
Plants and Transmission Lines.

TO : Major C.S. Wilcox  
Florence Office

1. Reference is made to letter dated 27th April 1945 Headquarters Allied Commission WPO 394, file 197/PWU, same subject.

2. In accordance with provision of above letter you and the electrical reconstruction Officer assisting you, Capt. P.M. Vannoy, are instructed to obtain necessary travel orders from Region to which assigned, and prepare an estimate of the electrical situation of the area served by the Società Adriatica di Elettricità (S.A.D.E.), headquarters in Venice, and affiliated companies, and other companies not associated with one of the three large holding companies, namely Società Idroelettrica Piemonte, Edison or Adriatica, but located in Venezia Region.

3. The report should include information as to condition and type of generating stations; transmission, substation and switching station equipment generally of 30 KV and above; water or fuel supply; Company's ability to make necessary repairs and time required for such work; maps showing transmission and distribution systems, frequency and voltage zones; areas served by all Companies concerned.

4. Comments and discussion should be brief and not too much in detail. Reports will be forwarded by the most expeditious means available to Milano Office Electrical Division Public Works & Utilities S/C A.C., c/o Regional Engineer Lombardia Region.

*George F. Parker*  
George F. Parker  
Lt-Col. Inf.  
Chief Milano Office  
Elect. Div.

Copy to Lt-Col. Lapper  
" " Regional Commissioner Venezia Region.

6247



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