

ACC 173/PWU

10000/150/480

FLOATING PO
POWER UN
AUG. - OCT. 10

10000/150/480

FLOATING POWER STATIONS & MOBILE
POWER UNITS
AUG. - OCT. 1944



MINISTERO DELLE CORPORAZIONI

UFFICIO STUDI E RICERCHE

FLOATING POWER STATIONS

AND MOBILE POWER UNITS.

Approved 7. August 1944

Closed. 31. October 1944



Acc 1173/pwu

FLOATING POWER STATIONS
AND MOBILE POWER UNITS.

Approved 7: Longwood 1944
Closed. 31. October 1944



10000 150

480

THIS FOLDER

CONTAINS PAPERS

FROM AUG - 44

TO OCT - 44

CATALOGUE.

1012 - Tip. Arrows - Roma 6.939 (1520)

Folio	Date	Ref.	From / To	Subject
1-2	7 Aug.	1099.	Min of Pub. Works.	Payment for Electric Plant
3.	5 "	-	Transportation SC	Elect. Equipment
4-6	1 "	-	G-5 AFHQ	Requisition for Heating, Power, Stats
7	27 Oct.	440/62470	11070059	2184 Power Unit's 456 Dams.
8	31 "	R-1863	"	Release Order for 456 Dams.

2630

785019

6 NOV Recd

173 ~~172~~ CCB

2. 13412 UTIL. SUB. COMMISS.

8

李

OFFICE OF THE SIGNAL OFFICER
HEADQUARTERS COMMUNICATIONS ZONE
NORTH AFRICAN THEATER OF OPERATIONS
UNITED STATES ARMY
APO 750

JAMES D. NUTT
MAJOR, SIGNAL CORPS
DIG STOCK CONTROL

RELEASE ORDER

RELEASE NO. : R-1863

DATE : 31 OCTOBER 1944

TO : COMMANDING OFFICER, PENINSULAR BASE SECTION

AFO 782

SHIPPING ORDER NO. SIG XXXXX00 PARCEL POST NO. SIG:

PICK UP

PRIORITY :

URGENT

THORPE

ROUTINE.

CONSIGNEE

PUBLIC UTILITIES SUB-COMMISSION ALLIED
FEDERAL COMMISSION

MARK :

BASIS OR AUTHORITY : LETTER HQ MATOUSA, FILE AG 41241/556 D-O SUBJECT:
"PE BL POWER UNITS & K-56 YANG, DATED 27 OCTOBER
1964."

SPECIAL INSTRUCTIONS: RADAR (106)

INITIAL ISSUE

LINE NO.	STOCK NO.	ITEMS	Unit	Quantity	Shortage
1	6J1056	TRUCK, K-56 VAN BODY W/PE SL POWER UNIT	EA	13	
/////////////////LAST ITEM////////////////					
			2679		

REPORT OF ACTION BY BASE SECTION SERVICE

DATE _____ 1944

TO: SIGNAL OFFICER, COMZONE NATOUS, APO NO. 750, U. S. ARMY.

TALLY - OUT NO.: _____ DATE: _____ 1944

DATE PICKED UP: _____ BY: _____

DATE SHIPPED BY PARCEL POST: _____ REGISTRY NO.: _____

SHIPPING ORDER DATA

NUMBER OF PACKAGES: _____ TOTAL CUBIC FEET: _____ TOTAL WEIGHT _____ L. T.

SUPPLIES AVAILABLE AT: _____
(Depot) (Location)ORDERED FROZEN IN STOCK ON: _____ READY FOR SHIPMENT BY: _____
(Date) (Date)**AIR SHIPMENTS**

NO. PIECES	KIND OF PACKAGERS	CONTENTS	WEIGHT OF EA PACKAGE (IN LBS.)	CUBIC FEET EA. PACKAGE

SPECIAL REMARKSSIGNED: _____
(Base Section Service Head)**BASE SECTION INSTRUCTIONS FOR PREPARATION OF REPORT OF ACTION ON RELEASE**

1. One copy to be completed and forwarded to comzone natousa, signal section, with least practicable delay.
2. List shortages in « Shortages » column on reverse side.
3. For air shipments, list weight in pounds and cubic content for each package.
4. Air shipment reports will be forwarded to comzone natousa, signal section, within 24 hours.
5. Small shipments of 70 pounds and 100 inches in combined length and girth, or less, will be forwarded by parcel post and no shipping order will be necessary.

29 OCT 1944

CONFIDENTIAL

173 ~~UB~~
HEADQUARTERS

NORTH AFRICAN THEATER OF OPERATIONS

UNITED STATES ARMY

APO 534

P.W. + U. 7
~~7~~

In reply
refer to

AG 412.41/556 D-0

27 October 1944

SUBJECT: P.W. Power Units and KVA Vans.

TO : Commanding General, Communications Zone, NATOUSA, APO 750.

1. In accordance with conversation Colonels MILLER and LIMBY, it is desired that 15 - 25 KVA engine driven electrical generators, together with automotive equipment for road haulage of same, be held for Public Utilities Sub-Commission, Allied Control Commission.

2. It is further desired that as more of these or similar units become available, they be, so far as feasible, made available to the same Sub-Commission.

3. You will be notified of date of acceptance by Allied Control Commission of the first 15 units as soon as arrangements are completed.

By command of Lieutenant General McARMY:

Copy to:
Hq AGC
G-4
G-5
Engr

HEADQUARTERS
28 OCT 1944
A.C.C.

R. E. FRANK,
Captain, AGC,
Asst Adjutant General.

Noted by

VER VENG
21 OCT 1944
DESIGNED

YC WYB VENG

White

*2678
Heard about
these units.*

CONFIDENTIAL

This copy to ACC

C-5, AFHQ.

ACC-ENG-11-45

1 August 1944

URGENT

Items as indicated assigned to Public Works & Utilities Subcommittee, ACC.

S/
ROBERT A. MARTIN,
Lt. Colonel, U.S.A.,
Chief, Requisition Division.

S/
A. G. ANGLINE,
Executive Director,
Economic Section, ACC.

None 1. POWER PLANT,
floating, 30,000 KW,
capable of operating at
50 cycles, outgoing voltage
of 60 KV preferred (such as
floating power plant con-
structed for the War Depart-
ment in conjunction with the
War Production Board, hulls
were constructed by Bethlehem
Shipbuilding Co., Bethlehem,
Pa., equipment and machinery
were installed by United
Engineers & Constructors Co.,
Philadelphia, Pa.), complete
in all details for operation
and maintenance.

En

2

////////// LAST ITEM //////////

DELIVERY: Ship one unit to East Coast of Italy and one unit to West Coast of Italy assigned to Public Works & Utilities Subcommittee, ACC. Delivery is requested as soon as units become available.

NOTE: 1. By carefully planned and deliberate action, the German service have so completely wrecked most of the important electrical generating plants in Central Italy as seriously to handicap the Allied war effort, to say nothing of meeting the most essential civilian needs. Not only were the plants destroyed in general, but such important mechanical parts were mined or burnt beyond any hope of repair. The small amount of cannibalization that is possible will only produce a fraction of the current actually needed.

ACC-ENG-11-45

2

2. It is very evident that the enemy was well aware of the importance of electrical generating plants in the prosecution of the war by the Allies and the thoroughness of the destruction is mute evidence of this understanding on the part of the enemy in his effort to handicap the Allies.

3. Plans are under way at the present time for the rehabilitation of highly essential industries in order to relieve the amount of imports into Italy. However, ship tonnages cannot be saved unless something is done to bring immediate relief in the electrical field because of the fact that the rehabilitation of these industrial plants depends entirely upon the availability of electricity.

4. In Southern Italy serious damage was done to many of the important plants, but, fortunately, one of the principal power stations in South Italy remained undamaged. This fact enabled ACC to rehabilitate some industries in the South which are now consuming about 80 per cent of the energy. This, together with the other military needs, means that about 90 per cent of the energy available is being used either directly or indirectly for the war effort.

5. In Central Italy the situation is entirely different. The position in this area may be appreciated by a study of the following facts:

a. Estimated requirements for essential industries directly and indirectly required for the war effort during the six months ending 31 March 1945	
K W Hours	450.0 Million
b. Estimated generation under present rehabilitation plan	
K W Hours	180.0 Million
c. Estimated total generation if 2 x 30,000 KW plants are made available and installed by 30 September 1944	
K W Hours	340.0 Million
d. Deficit (a) minus (b)	K W Hours 270.0 Million
Deficit (a) minus (c)	K W Hours 110.0 Million

6. The above calculations allow for such rehabilitation as possible within the very near future. The position at the present time is actually worse, for, according to the above presentation, 68.5 per cent of the normally available generation capacity in this general region of Central Italy is destroyed and will not be available to Allied Armed Forces.

7. A requisition (No. ACC-ENG-9-45) for small portable electrical units has already been placed. These small sets will be used to supply current to isolated

REQUISITION
(Extra Sheet)

No. AGO-NSC-11-48

Sheet No. 3

Highly essential industries which must be operated. However, it is very evident that there must be available units of a far larger capacity to be connected to the transmission lines which can be rehabilitated in a short time and operated from shore points on the east and west coasts of Italy. For this purpose it is requested that two floating electrical generating stations, each of 30,000 KW capacity, be shipped to Italy on a high military priority, one of these units to go to a point on the east coast of Italy and the other to a point on the west coast.

8. While the units requested on this requisition will supply only 60 per cent of the actual requirements in this area, they will assure with such other rehabilitation as is possible that some of the more important military needs will be met. When it is considered that the industries in this section normally consume 75 per cent of the electric current produced, it may be seen that only a relatively small percentage of highly essential industrial plants can be rehabilitated to assist in the war effort, unless the power plants requested in this requisition are received.

9. Additional data on the power generating situation in Central Italy are set forth in the accompanying report, "The Electricity Situation in Central Italy."

10. The Electrical Reconstruction Committee, A.A.I., at its meeting held 8 August 1944, adopted the following resolution:

"Having given due consideration to the present electrical supply position, affecting both military and essential civilian needs, and the possibility of early rehabilitation of electrical plant and equipment damaged by war action, this Committee recommends that steps be taken for the early importation of 50,000 KW of electrical generating plants for use in this Theater of Operations. In view of the urgency of the matter it is recommended that floating power plants, if available, should be provided."

11. In view of the very serious shortage of electric power plants in Italy, and the need for importing such plants so as to serve military as well as highly essential civilian needs, the Ministry of Public Works has stated that, if such plants can be imported without delay, the Italian Government will assume the responsibility for:

- a) The payment of rental for these plants during military operations, as well as the cost of operation, and,
- b) The ultimate acquisition of these plants after they are no longer needed by the Allied Armed Forces.

The Italian Government asks that the payment for the ultimate acquisition of such plants be arranged on a long term basis.

ATTACH: Two (II)

Telephone : 259

8 AUG Recd

LEV/grh

158
CcB.

HEADQUARTERS
ALLIED CONTROL COMMISSION
Transportation Sub-Commission
APO 394

PW 11-1

5 AUG '44

TO : The Vice President,
Economic Section.

FROM : The Director,
Transportation Sub-Commission.

SUBJECT : Electric Equipment.

With reference visit of Lt. Colonels' Jenny and Lepper to the U.S.A., in connection with electric equipment.

So far as electric equipment for the Italian State Railways is concerned the position is as follows :

In occupied territory the only electrified sections which are possible to restore are the sections of the railway running from Naples to Reggio along the coast line, and from Naples to Benevento, both of which are now partially operating, and can be completely restored by equipment which is already in the country.

With regard to electrified sections of the railway still in enemy hands, the position is so obscure as to make it impracticable for any estimate to be formulated as to what equipment will be required, and therefore for the time being it is considered advisable to wait until we are in a position to know or foresee what the probable requirements will be.

D.S. Adams

D.S. ADAMS,
Colonel, C.E.,
Tn. Sub-Comm.

*File with requisition data
for importation of 2 elec.
power plants
2674 9/2*

*6 Aug
63*

Capt. Preedy

Please start a separate file
on the requisition of the 2 floating
power stations from U.S. This
is a most important document
and wants to be carefully preserved

W.A.J. 9/8/50

*Il Ministro
dei Lavori Pubblici*

Roma,

N° 1044

AL LT. COL. L. A. J E N N Y
Direttore della Sottocommissione
Lavori Pubblici e Servizi Pubbli
ci dell' A.C.C. R O M A

OGGETTO: Pagamento di Impianti elettrici.

In vista della mancanza molto grave di impianti elettrici in Italia e della necessità di importare tali impianti in modo da poter sopperire tanto alle esigenze militari quanto a quelle civili altamente essenziali, il Ministero dei Lavori Pubblici dichiara con la presente che, se tali impianti possono essere immediatamente importati, il Governo Italiano assumerà la responsabilità di:

- a) pagamento del noleggio di tali impianti durante le operazioni militari, come pure pagamento dell'importo del costo dell'esercizio, e
- b) acquistare definitivamente questi impianti quando non saranno più utili alle Forze Armate Alleate.

Il Governo Italiano chiede che il pagamento per l'acquisto definitivo di tali impianti sia a lunga scadenza.

I L M I N I S T R O

*This has been discussed with
the Finance Sub-Com. and
the Minister of Finance
and is approved by all of
v. these parties. 7/10/44*

Mancini 267

LT. COL. L. A. J E N N Y
Director, Public Works and Utilities
Sub-Commission A.C.C.

SUBJECT: Payment for Electrical Plant.

In view of the very serious shortage of electric power plants in Italy, and the need for importing such plants so as to serve military as well as highly essential civilian needs, the Ministry of Public Works hereby declares that, if such plants can be imported without delay, the Italian Government will assume the responsibility for:

- a) The payment of rental for these plants during military operations, as well as the cost of operation, and,
- b) The ultimate acquisition of these plants after they are no longer needed by the Allied Armed Forces.

The Italian Government asks that the payment for the ultimate acquisition of such plants be arranged on a long term basis.

THE MINISTER

for signature

v.

2672