

No. 7364

**INTERNATIONAL BANK FOR
RECONSTRUCTION AND DEVELOPMENT
and
ETHIOPIA**

Guarantee Agreement—*Electric Power Project* (with annexed Loan Regulations No. 4 and Loan Agreement between the Bank and the Ethiopian Electric Light and Power Authority). Signed at Washington, on 8 May 1964

Official text: English.

Registered by the International Bank for Reconstruction and Development on 7 August 1964.

**BANQUE INTERNATIONALE POUR
LA RECONSTRUCTION ET LE DÉVELOPPEMENT
et
ÉTHIOPIE**

Contrat de garantie — *Projet relatif à l'énergie électrique* (avec, en annexe, le Règlement n° 4 sur les emprunts et le Contrat d'emprunt entre la Banque et l'Office éthiopien de l'énergie électrique). Signé à Washington, le 8 mai 1964

Texte officiel anglais.

Enregistré par la Banque internationale pour la reconstruction et le développement le 7 août 1964.

No. 7364. GUARANTEE AGREEMENT¹ (*ELECTRIC POWER PROJECT*) BETWEEN THE EMPIRE OF ETHIOPIA AND THE INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT. SIGNED AT WASHINGTON, ON 8 MAY 1964

AGREEMENT, dated May 8, 1964 between EMPIRE OF ETHIOPIA (hereinafter called the Guarantor) and INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT (hereinafter called the Bank).

WHEREAS by an agreement of even date herewith between the Bank and Ethiopian Electric Light and Power Authority (hereinafter called the Borrower), which agreement and the schedules therein referred to are hereinafter called the Loan Agreement,² the Bank has agreed to make to the Borrower a loan in various currencies equivalent to twenty-three million five hundred thousand dollars (\$23,500,000), on the terms and conditions set forth in the Loan Agreement, but only on condition that the Guarantor agree to guarantee the obligations of the Borrower in respect of such loan as hereinafter provided ; and

WHEREAS the Guarantor, in consideration of the Bank's entering into the Loan Agreement with the Borrower, has agreed so to guarantee such obligations of the Borrower ;

NOW THEREFORE the parties hereto hereby agree as follows :

Article I

Section 1.01. The parties to this Guarantee Agreement accept all the provisions of Loan Regulations No. 4 of the Bank dated February 15, 1961² (said Loan Regulations No. 4 being hereinafter called the Loan Regulations), with the same force and effect as if they were fully set forth herein.

Section 1.02. Wherever used in this Agreement, unless the context shall otherwise require, the several terms defined in the Loan Agreement shall have the respective meanings therein set forth.

¹ Came into force on 3 July 1964, upon notification by the Bank to the Government of Ethiopia.

² See p. 60 of this volume.

Article II

Section 2.01. Without limitation or restriction upon any of the other covenants on its part in this Agreement contained, the Guarantor hereby unconditionally guarantees, as primary obligor and not as surety merely, the due and punctual payment of the principal of, and the interest and other charges on, the Loan, the principal of and interest on the Bonds, the premium, if any, on the prepayment of the Loan or the redemption of the Bonds, and the punctual performance of all the covenants and agreements of the Borrower, all as set forth in the Loan Agreement and in the Bonds.

Section 2.02. Without limitation or restriction upon the provisions of Section 2.01 of this Agreement, the Guarantor specifically undertakes, whenever there is reasonable cause to believe that the funds available to the Borrower will be inadequate to meet the estimated expenditures required for carrying out the Project, to make arrangements satisfactory to the Bank promptly to provide the Borrower or cause the Borrower to be provided with such funds as are needed to meet such expenditures.

Article III

Section 3.01. It is the mutual intention of the Guarantor and the Bank that no other external debt shall enjoy any priority over the Loan by way of a lien on governmental assets. To that end, the Guarantor undertakes that, except as the Bank shall otherwise agree, if any lien shall be created on any assets of the Guarantor as security for any external debt, such lien will *ipso facto* equally and ratably secure the payment of the principal of, and interest and other charges on, the Loan and the Bonds, and that in the creation of any such lien express provision will be made to that effect; provided, however, that the foregoing provisions of this Section shall not apply to: (i) any lien created on property, at the time of purchase thereof, solely as security for the payment of the purchase price of such property; (ii) any lien on commercial goods to secure a debt maturing not more than one year after the date on which it is originally incurred and to be paid out of the proceeds of sale of such commercial goods; or (iii) any lien arising in the ordinary course of banking transactions and securing a debt maturing not more than one year after its date.

The term "assets of the Guarantor" as used in this Section includes assets of the Guarantor or of any of its political subdivisions or of any agency of the Guarantor or of any such political subdivision, including the National Bank of Ethiopia or any other institution at any time performing the functions of a central bank of the Guarantor.

Section 3.02. (a) The Guarantor and the Bank shall cooperate fully to ensure that the purposes of the Loan will be accomplished. To that end, each of them shall

furnish to the other all such information as it shall reasonably request with regard to the general status of the Loan. On the part of the Guarantor, such information shall include information with respect to financial and economic conditions in the territories of the Guarantor and the international balance of payments position of the Guarantor.

(b) The Guarantor and the Bank shall from time to time exchange views through their representatives with regard to matters relating to the purposes of the Loan and the maintenance of the service thereof. The Guarantor shall promptly inform the Bank of any condition which interferes with, or threatens to interfere with, the accomplishment of the purposes of the Loan or the maintenance of the service thereof.

(c) The Guarantor shall afford all reasonable opportunity for accredited representatives of the Bank to visit any part of the territories of the Guarantor for purposes related to the Loan.

Section 3.03. The principal of, and interest and other charges on, the Loan and Bonds shall be paid without deduction for, and free from, any taxes imposed under the laws of the Guarantor or laws in effect in its territories; provided, however, that the provisions of this Section shall not apply to taxation of payments under any Bond to a holder thereof other than the Bank when such Bond is beneficially owned by an individual or corporate resident of the Guarantor.

Section 3.04. This Agreement, the Loan Agreement and the Bonds shall be free from any taxes that shall be imposed under the laws of the Guarantor or laws in effect in its territories on or in connection with the execution, issue, delivery or registration thereof.

Section 3.05. The principal of, and interest and other charges on, the Loan and the Bonds shall be paid free from all restrictions imposed under the laws of the Guarantor or laws in effect in its territories.

Section 3.06. The Guarantor shall cause the charter of the Authority to be at all times in form and substance such as will, in the opinion of the Bank, be required to enable the Authority properly to carry out the Project and to operate its facilities.

Section 3.07. The Guarantor shall inform the Bank of any proposed change in or new appointment to the post of General Manager of the Authority prior to any such change or new appointment, and shall afford the Bank a reasonable opportunity to express its views thereon.

Article IV

Section 4.01. The Guarantor shall endorse, in accordance with the provisions of the Loan Regulations, its guarantee on the Bonds to be executed and delivered by the Borrower. The Minister of Finance of the Guarantor and such person or persons as he shall designate in writing are designated as the authorized representatives of the Guarantor for the purposes of Section 6.12 (b) of the Loan Regulations.

Article V

Section 5.01. The following addresses are specified for the purposes of Section 8.01 of the Loan Regulations :

For the Guarantor :

Ministry of Finance
Post Office Box 1905
Addis Ababa
Ethiopia

Alternative address for cablegrams and radiograms :

Ministry of Finance
Addis Ababa

For the Bank :

International Bank for Reconstruction and Development
1818 H Street, N.W.
Washington, D.C. 20433
United States of America

Alternative address for cablegrams and radiograms :

Intbafrad
Washington, D.C.

Section 5.02. The Minister of Finance or the Vice-Minister of Finance of the Guarantor is designated for the purposes of Section 8.03 of the Loan Regulations.

IN WITNESS WHEREOF, the parties hereto, acting through their respective representatives thereunto duly authorized, have caused this Guarantee Agreement to be signed in their respective names and delivered in the District of Columbia, United States of America, as of the day and year first above written.

Empire of Ethiopia :

by Berhanou DINKE
Authorized Representative

International Bank for Reconstruction and Development :

by George D. WOODS
President

INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT

LOAN REGULATIONS No. 4, DATED 15 FEBRUARY 1961

REGULATIONS APPLICABLE TO LOANS MADE BY THE BANK TO BORROWERS
OTHER THAN MEMBER GOVERNMENTS

[Not published herein. See *United Nations, Treaty Series, Vol. 400, p. 212.*]

LOAN AGREEMENT

(ELECTRIC POWER PROJECT)

AGREEMENT, dated May 8, 1964, between INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT (hereinafter called the Bank) and ETHIOPIAN ELECTRIC LIGHT AND POWER AUTHORITY (hereinafter called the Borrower).

Article I

LOAN REGULATIONS ; SPECIAL DEFINITION

Section 1.01. The parties to this Loan Agreement accept all the provisions of Loan Regulations No. 4 of the Bank dated February 15, 1961¹ (said Loan Regulations No. 4 being hereinafter called the Loan Regulations), with the same force and effect as if they were fully set forth herein.

Section 1.02. Wherever used in this Agreement or any schedule thereto the term "Authority" means the Ethiopian Electric Light and Power Authority, a corporation created by Imperial Charter promulgated as General Notice No. 213 of 1948 (1956) in the *Negarit Gazeta* of the Guarantor, and shall include any successor to the Authority.

Article II

THE LOAN

Section 2.01. The Bank agrees to lend to the Borrower, on the terms and conditions in this Agreement set forth or referred to, an amount in various currencies equivalent to twenty-three million five hundred thousand dollars (\$23,500,000).

Section 2.02. The Bank shall open a Loan Account on its books in the name of the Borrower and shall credit to such Account the amount of the Loan. The amount of the Loan may be withdrawn from the Loan Account as provided in, and subject to the rights of cancellation and suspension set forth in, the Loan Regulations.

Section 2.03. The Borrower shall pay to the Bank a commitment charge at the rate of three-fourths of one per cent ($\frac{3}{4}$ of 1%) per annum on the principal amount of the Loan not so withdrawn from time to time.

¹ See above.

Section 2.04. The Borrower shall pay interest at the rate of five and one-half per cent (5½%) per annum on the principal amount of the Loan so withdrawn and outstanding from time to time.

Section 2.05. Except as the Bank and the Borrower shall otherwise agree, the charge payable for special commitments entered into by the Bank at the request of the Borrower pursuant to Section 4.02 of the Loan Regulations shall be at the rate of one-half of one per cent (½ of 1%) per annum on the principal amount of any such special commitment outstanding from time to time.

Section 2.06. Interest and other charges shall be payable semiannually on March 1 and September 1 in each year.

Section 2.07. The Borrower shall repay the principal of the Loan in accordance with the amortization schedule set forth in Schedule 1 to this Agreement.

Article III

USE OF PROCEEDS OF THE LOAN

Section 3.01. The Borrower shall apply the proceeds of the Loan exclusively to financing the cost of goods required to carry out the Project described in Schedule 2 to this Agreement. The specific goods to be financed out of the proceeds of the Loan and the methods and procedures for procurement of such goods shall be determined by agreement between the Bank and the Borrower subject to modification by further agreement between them.

Section 3.02. The Borrower shall cause all goods financed out of the proceeds of the Loan to be imported into the territories of the Guarantor and there to be used exclusively in the carrying out of the Project.

Article IV

BONDS

Section 4.01. The Borrower shall execute and deliver Bonds representing the principal amount of the Loan as provided in the Loan Regulations.

Section 4.02. The General Manager of the Borrower and such person or persons as he shall appoint in writing are designated as authorized representatives of the Borrower for the purposes of Section 6.12 (a) of the Loan Regulations.

Article V

PARTICULAR COVENANTS

Section 5.01. (a) The Borrower shall carry out and operate the Project with due diligence and efficiency and in conformity with sound engineering and financial practices. The Borrower shall have at all times experienced and competent management. During the period of planning and execution of the Project the Borrower shall employ

engineering consultants and contractors acceptable to, and to an extent and upon terms and conditions satisfactory to, the Borrower and the Bank.

(b) Upon request from time to time by the Bank, the Borrower shall furnish promptly to the Bank the plans, specifications and work schedules for the Project and any material modifications subsequently made therein, in such detail as the Bank shall reasonably request.

(c) The Borrower shall maintain records adequate to identify the goods financed out of the proceeds of the Loan, to disclose the use thereof in the Project, to record the progress of the Project (including the cost thereof) and to reflect in accordance with consistently maintained sound accounting practices the operations and financial condition of the Borrower and shall enable the Bank's representatives to inspect the Project, the goods, the facilities operated by the Borrower, and any relevant records and documents.

(d) The Borrower shall furnish to the Bank all such information as the Bank shall reasonably request concerning the expenditure of the proceeds of the Loan, the Project, the goods, and the operations, administration and financial condition of the Borrower.

Section 5.02. (a) The Bank and the Borrower shall cooperate fully to ensure that the purposes of the Loan will be accomplished. To that end, each of them shall furnish to the other all such information as it shall reasonably request with regard to the general status of the Loan.

(b) The Bank and the Borrower shall from time to time exchange views through their representatives with regard to matters relating to the purposes of the Loan and the maintenance of the service thereof. The Borrower shall promptly inform the Bank of any condition which interferes with, or threatens to interfere with, the accomplishment of the purposes of the Loan or the maintenance of the service thereof.

Section 5.03. The Borrower undertakes that, except as the Bank shall otherwise agree, if any lien shall be created on any assets of the Borrower as security for any debt, such lien will *ipso facto* equally and ratably secure the payment of the principal of, and interest and other charges on, the Loan and the Bonds, and that in the creation of any such lien express provision will be made to that effect; provided, however, that the foregoing provisions of this Section shall not apply to: (i) any lien created on property, at the time of purchase thereof, solely as security for the payment of the purchase price of such property; (ii) any lien on commercial goods to secure a debt maturing not more than one year after the date on which it is originally incurred and to be paid out of the proceeds of sale of such commercial goods; or (iii) any lien arising in the ordinary course of banking transactions and securing a debt maturing not more than one year after its date.

Section 5.04. The Borrower shall pay or cause to be paid all taxes, if any, imposed under the laws of the Guarantor or laws in effect in the territories of the Guarantor on or in connection with the execution, issue, delivery or registration of this Agreement,

the Guarantee Agreement¹ or the Bonds, or the payment of principal, interest or other charges thereunder; provided, however, that the provisions of this Section shall not apply to taxation of payments under any Bond to a holder thereof other than the Bank when such Bond is beneficially owned by an individual or corporate resident of the Guarantor.

Section 5.05. The Borrower shall pay or cause to be paid all taxes, if any, imposed under the laws of the country or countries in whose currency the Loan and the Bonds are payable or laws in effect in the territories of such country or countries on or in connection with the execution, issue, delivery or registration of this Agreement, the Guarantee Agreement or the Bonds.

Section 5.06. (a) Except as shall be otherwise agreed between the Bank and the Borrower, the Borrower shall insure or cause to be insured with responsible insurers the goods financed out of the proceeds of the Loan against risks incident to their purchase and importation into the territories of the Guarantor and to the delivery thereof to the site of the Project. Such insurance shall be consistent with sound commercial practice and shall be payable in dollars or in the currency in which the cost of the goods insured thereunder shall be payable.

(b) In addition, the Borrower shall insure against such risks and in such amounts as shall be consistent with sound business and public utility practices.

Section 5.07. (a) Except as the Bank and the Borrower shall otherwise agree, the Borrower shall at all times maintain its existence and right to carry on operations and shall take all steps necessary to maintain and renew all rights, powers, privileges and franchises which are necessary or useful in the conduct of its business.

(b) The Borrower shall operate and maintain its plants, equipment and property, and from time to time make all necessary renewals and repairs thereof, all in accordance with sound engineering standards; and shall at all times operate its plant and equipment and maintain its financial position in accordance with sound business and public utility practices.

(c) The Borrower shall not, without the consent of the Bank, sell or otherwise dispose of any of its property or assets which shall be required for the efficient carrying on of its business and undertaking, including the Project.

Section 5.08. The Borrower shall maintain tariffs which will provide revenues sufficient: (a) to cover operating expenses, including taxes, if any, adequate maintenance and depreciation, and interest, (b) to meet repayments on long-term indebtedness to the extent that such repayments shall exceed provision for depreciation, and (c) to leave a surplus sufficient to finance a reasonable portion of the cost of expansion of electric power services. For the purposes of this Section the term "long-term indebtedness" shall mean debt maturing by its terms more than one year after the date on which it is originally incurred.

¹ See p. 52 of this volume.

Section 5.09. Except as the Bank and the Borrower shall otherwise agree, the Borrower shall not : (i) incur any debt prior to the completion of the Project ; and (ii) thereafter incur any debt unless its net revenue for the fiscal year next preceding such incurrence or for a later twelve-month period ended prior to such incurrence, whichever is the greater, shall be not less than 1.4 times the maximum debt service requirement for any succeeding fiscal year on all debt, including the debt to be incurred. For the purposes of this Section :

(a) the term "debt" shall include the assumption and guarantee of debt and shall mean all indebtedness of the Borrower maturing by its terms more than one year after the date on which it is originally incurred ;

(b) debt shall be deemed to be incurred on the date of execution and delivery of a contract or loan agreement providing for such debt ;

(c) the term "net revenue" shall mean gross revenue from all sources, adjusted to take account of power rates in effect at the time of the incurrence of debt even though they were not in effect during the fiscal year or twelve-month period to which such revenue relates, less all operating and administrative expenses and provision for taxes, if any, but before provision covering depreciation, interest and other charges on debt ;

(d) the term "debt service" shall mean the aggregate amount of amortization (including sinking fund payments, if any), interest and other charges on debt ; and

(e) debt service payable in a currency other than currency of the Guarantor shall be valued at the rate of exchange at which such other currency is obtainable, on the date the additional debt is incurred, or, if such currency is not so obtainable, at the rate of exchange as reasonably determined by the Bank.

Section 5.10. The Borrower shall have its accounts regularly audited, at least once a year, by independent auditors acceptable to the Bank.

Article VI

REMEDIES OF THE BANK

Section 6.01. (i) If any event specified in paragraph (a), paragraph (b), paragraph (e) or paragraph (f) of Section 5.02 of the Loan Regulations shall occur and shall continue for a period of thirty days, or (ii) if any event specified in paragraph (c) or pursuant to paragraph (j) of Section 5.02 of the Loan Regulations shall occur and shall continue for a period of sixty days after notice thereof shall have been given by the Bank to the Borrower, then at any subsequent time during the continuance thereof, the Bank, at its option, may declare the principal of the Loan and of all the Bonds then outstanding to be due and payable immediately, and upon any such declaration such principal shall become due and payable immediately, anything in this Agreement or in the Bonds to the contrary notwithstanding.

Section 6.02. The following are specified as additional events for the purpose of Section 5.02 (j) of the Loan Regulations :

(a) The Charter of the Authority described in Section 1.02 of this Agreement shall have been suspended, terminated or repealed, or amended so as adversely to affect the ability of the Borrower to carry out the covenants and agreements set forth in the Loan Agreement.

(b) Any creditor of the Authority shall, in accordance with the terms of any loan having an original maturity of one year or more, have demanded payment from the Authority of any part of such loan prior to the agreed maturity thereof.

Article VII

MISCELLANEOUS

Section 7.01. The Closing Date shall be January 31, 1969, or such other date or dates as shall be agreed from time to time by the Bank and the Borrower.

Section 7.02. A date 60 days after the date of this Agreement is hereby specified for the purposes of Section 9.04 of the Loan Regulations.

Section 7.03. The following addresses are specified for the purposes of Section 8.01 of the Loan Regulations :

For the Borrower :

Ethiopian Electric Light and Power Authority
Post Office Box 1233
Addis Ababa
Ethiopia

Alternative address for cablegrams and radiograms :

Electric
Addis Ababa

For the Bank :

International Bank for Reconstruction and Development
1818 H Street, N.W.
Washington, D.C. 20433
United States of America

Alternative address for cablegrams and radiograms :

Intbafrad
Washington, D.C.

IN WITNESS WHEREOF, the parties hereto, acting through their representatives thereunto duly authorized, have caused this Loan Agreement to be signed in their respective names and delivered in the District of Columbia, United States of America, as of the day and year first above written.

International Bank for Reconstruction and Development :

by George D. WOODS
President

Ethiopian Electric Light and Power Authority :

by Seifu MAHTEME SELASSIE
Authorized Representative

SCHEDULE 1

AMORTIZATION SCHEDULE

<i>Date Payment Due</i>	<i>Payment of Principal (expressed in dollars)*</i>	<i>Date Payment Due</i>	<i>Payment of Principal (expressed in dollars)*</i>
March 1, 1969	\$315,000	September 1, 1979	\$560,000
September 1, 1969	325,000	March 1, 1980	575,000
March 1, 1970	335,000	September 1, 1980	590,000
September 1, 1970	345,000	March 1, 1981	605,000
March 1, 1971	355,000	September 1, 1981	625,000
September 1, 1971	365,000	March 1, 1982	640,000
March 1, 1972	375,000	September 1, 1982	660,000
September 1, 1972	385,000	March 1, 1983	675,000
March 1, 1973	395,000	September 1, 1983	695,000
September 1, 1973	405,000	March 1, 1984	715,000
March 1, 1974	415,000	September 1, 1984	735,000
September 1, 1974	425,000	March 1, 1985	755,000
March 1, 1975	440,000	September 1, 1985	775,000
September 1, 1975	450,000	March 1, 1986	795,000
March 1, 1976	465,000	September 1, 1986	820,000
September 1, 1976	475,000	March 1, 1987	840,000
March 1, 1977	490,000	September 1, 1987	865,000
September 1, 1977	500,000	March 1, 1988	890,000
March 1, 1978	515,000	September 1, 1988	910,000
September 1, 1978	530,000	March 1, 1989	925,000
March 1, 1979	545,000		

* To the extent that any part of the Loan is repayable in a currency other than dollars (see Loan Regulations, Section 3.03), the figures in this column represent dollar equivalents determined as for purposes of withdrawal.

PREMIUMS ON PREPAYMENT AND REDEMPTION

The following percentages are specified as the premiums payable on repayment in advance of maturity of any part of the principal amount of the Loan pursuant to Section 2.05 (b) of the Loan Regulations or on the redemption of any Bond prior to its maturity pursuant to Section 6.16 of the Loan Regulations :

<i>Time of Prepayment or Redemption</i>	<i>Premium</i>
Not more than three years before maturity	½%
More than three years but not more than six years before maturity	1%
More than six years but not more than eleven years before maturity	1½%
More than eleven years but not more than sixteen years before maturity	2½%
More than sixteen years but not more than twenty-one years before maturity	3½%
More than twenty-one years but not more than twenty-three years before maturity	4½%
More than twenty-three years before maturity	5½%

SCHEDULE 2

DESCRIPTION OF THE PROJECT

The Project consists of the following principal works :

A. *Awash II Hydroelectric Scheme*

1. The construction of a concrete gravity dam about 16 meters high and 100 meters long, situated some 25 kilometers downstream of the existing Awash I scheme, to impound the river waters and create a reservoir with a storage capacity of about six million cubic meters,
2. a pressure pipeline, about 1,900 meters long, from the reservoir to a surge chamber, and
3. twin pressure shafts, about 160 meters long, from the surge chamber to a power station with two 16-MW turbo-generating sets utilizing an average net head of about 59 meters.

B. *Awash III Hydroelectric Scheme*

1. The construction of a concrete gravity dam about 20 meters high and 130 meters long, situated about 300 meters downstream of the Awash II power station, to create a pond with a storage capacity of about 800,000 cubic meters,
2. a pressure tunnel, about 1,300 meters long, from the pond to a surge chamber, and
3. twin pressure shafts, about 120 meters long, from the surge chamber to a power station with two 16-MW turbo-generating sets utilizing an average net head of about 60 meters.

C. *Associated Transmission*

Construction of a single-circuit 132 kV transmission line, about two kilometers long, from Awash III to Awash II, a double-circuit 132 kV transmission line, about 25 kilometers long, from Awash II to Awash I and a double-circuit 132 kV transmission line, about 65 kilometers long, from Awash I to a 132/45/15 kV substation, with a capacity of 40 MVA, to be erected at Akaki near Addis Ababa.

D. *The Interconnected System*

1. The construction of some 55 kilometers of single-circuit 132 kV transmission lines, 76 kilometers of single-circuit 45 kV transmission lines, 400 kilometers of single-circuit 15 kV distribution lines and underground cables, and about 350 kilometers of 380/220-volt distribution lines and cables.
2. The erection of eight substations with a total capacity of about 50 MVA.
3. The installation of about 80 MVA of additional transformer capacity.

E. *The Self-Contained Systems*

1. The installation of about 5.8 MW of diesel generating plant in eighteen self-contained systems.
2. The construction of about 135 kilometers of single-circuit 15 kV distribution lines and 105 kilometers of 380/220-volt distribution lines.
3. The installation of about 13 MVA of additional transformer capacity.

* * *

The project is scheduled for completion in September, 1968.