

CONFORMED COPY

LOAN NUMBER 3606 CHA

(Tianhuangping Hydroelectric Project)

between

PEOPLE'S REPUBLIC OF CHINA

and

INTERNATIONAL BANK FOR RECONSTRUCTION
AND DEVELOPMENT

Dated August 25, 1993

LOAN NUMBER 3606 CHA

LOAN AGREEMENT

AGREEMENT, dated August 25, 1993, between PEOPLE'S REPUBLIC OF CHINA (the Borrower) and INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT (the Bank).

WHEREAS: (A) the Borrower, having satisfied itself as to the feasibility and priority of the Project described in Schedule 2 to this Agreement, has requested the Bank to assist in the financing of the Project;

(B) the Project will be carried out by East China Electric Power United Corporation (ECEPUC) with the Borrower's assistance and, as part of such assistance, the Borrower will make available to ECEPUC the proceeds of the Loan as provided in this Agreement;

(C) by agreement and supplementary agreements thereto, dated October 8, 1988, September 29, 1991, and December 26, 1992 respectively, (collectively referred to as the Cofinancing Agreement), the State Energy Investment Corporation (SEIC), Anhui Provincial Power Development Company (APPDC), Jiangsu Provincial Investment Company (JPIC), Shenneng Power Development Company (SPDC), and Zhejiang Provincial Power Development Company (ZPPDC) (collectively referred to as the Cofinanciers) have agreed to provide financing to ECEPUC in an aggregate principal amount equivalent to \$382,700,000 (the Cofinancing) to assist in

financing the Project on the terms and conditions set forth in the Cofinancing Agreement; and

WHEREAS the Bank has agreed, on the basis, inter alia, of the foregoing, to extend the Loan to the Borrower upon the terms and conditions set forth in this Agreement and in the Project Agreement of even date herewith between the Bank and ECEPUC;

NOW THEREFORE the parties hereto hereby agree as follows:

ARTICLE I

General Conditions; Definitions

Section 1.01. The "General Conditions Applicable to Loan and Guarantee Agreements" of the Bank, dated January 1, 1985, with the modifications set forth below (the General Conditions) constitute an integral part of this Agreement:

(a) The last sentence of Section 3.02 is deleted.

(b) In Section 6.02, sub-paragraph (k) is re-lettered as sub-paragraph (l) and a new sub-paragraph (k) is added to read:

"(k) An extraordinary situation shall have arisen under which any further withdrawals under the Loan would be inconsistent with the provisions of Article III, Section 3 of the Bank's Articles of Agreement."

Section 1.02. Unless the context otherwise requires, the several terms defined in the General Conditions and in the Preamble to this Agreement have the respective meanings therein set forth and the following additional terms have the following meanings:

(a) "ECEPUC" means East China Electric Power United Corporation, a corporate entity established and operating under the laws of the People's Republic of China, or any successor thereto.

(b) "Project Agreement" means the agreement between the Bank and ECEPUC of even date herewith, as the same may be amended from time to time, and such term includes all schedules and agreements supplemental to the Project Agreement.

(c) "Special Account" means the account referred to in Section 2.02 (b) of this Agreement.

(d) "Subsidiary Loan Agreement" means the agreement to be entered into between the Borrower and ECEPUC pursuant to Section 3.01 (b) of this Agreement, as the same may be amended from time to time, and such term includes all schedules to the Subsidiary Loan Agreement; and "Subsidiary Loan" means the subsidiary loan made by the Borrower to ECEPUC under the Subsidiary Loan Agreement.

ARTICLE II

The Loan

Section 2.01. The Bank agrees to lend to the Borrower, on the terms and conditions set forth or referred to in the Loan Agreement, various currencies that shall have an aggregate value equivalent to the amount of three hundred million dollars (\$300,000,000), being the sum of withdrawals of the proceeds of the Loan, with each withdrawal valued by the Bank as of the date of such withdrawal.

Section 2.02. (a) The amount of the Loan may be withdrawn from the Loan Account in accordance with the provisions of Schedule 1 to this Agreement for expenditures made (or, if the Bank shall so agree, to be made) in respect of the reasonable cost of goods and services required for the Project described in Schedule 2 to this Agreement and to be financed out of the proceeds of the Loan.

(b) The Borrower shall, for the purposes of the Project, open and maintain in dollars a special deposit account in a bank on terms and conditions satisfactory to

the Bank, including appropriate protection against set-off, seizure or attachment. Deposits into, and payments out of, the Special Account shall be made in accordance with the provisions of Schedule 4 to this Agreement.

Section 2.03. The Closing Date shall be December 31, 2001 or such later date as the Bank shall establish. The Bank shall promptly notify the Borrower of such later date.

Section 2.04. The Borrower shall pay to the Bank a commitment charge at the rate of three-fourths of one percent (3/4 of 1%) per annum on the principal amount of the Loan not withdrawn from time to time.

Section 2.05. (a) The Borrower shall pay interest on the principal amount of the Loan withdrawn and outstanding from time to time, at a rate for each Interest Period equal to the Cost of Qualified Borrowings determined in respect of the preceding Semester, plus one-half of one percent (1/2 of 1%). On each of the dates specified in Section 2.06 of this Agreement, the Borrower shall pay interest accrued on the principal amount outstanding during the preceding Interest Period, calculated at the rate applicable during such Interest Period.

(b) As soon as practicable after the end of each Semester, the Bank shall notify the Borrower of the Cost of Qualified Borrowings determined in respect of such Semester.

(c) For the purposes of this Section:

(i) "Interest Period" means a six-month period ending on the date immediately preceding each date specified in Section 2.06 of this Agreement, beginning with the Interest Period in which this Agreement is signed.

(ii) "Cost of Qualified Borrowings" means the cost, as reasonably determined by the Bank and expressed as a percentage per annum, of the outstanding borrowings of the Bank drawn down after June 30, 1982, excluding such borrowings or portions thereof as the Bank has allocated to fund: (A) the Bank's investments; and (B) loans which may be made by the Bank after July 1, 1989 bearing interest rates determined otherwise than as provided in paragraph (a) of this Section.

(iii) "Semester" means the first six months or the second six months of a calendar year.

(d) On such date as the Bank may specify by no less than six months' notice to the Borrower, paragraphs (a), (b) and (c) (iii) of this Section shall be amended to read as follows:

"(a) The Borrower shall pay interest on the principal amount of the Loan withdrawn and outstanding from time to time, at a rate for each Quarter equal to the Cost of Qualified Borrowings determined in respect of the preceding Quarter, plus one-half of one percent (1/2 of 1%). On each of the dates specified in Section 2.06 of this Agreement, the Borrower shall pay interest accrued on the principal amount outstanding during the preceding Interest Period, calculated at the rates applicable during such Interest Period."

"(b) As soon as practicable after the end of each Quarter, the Bank shall notify the Borrower of the Cost of Qualified Borrowings determined in respect of such Quarter."

"(c) (iii) 'Quarter' means a three-month period commencing on January 1, April 1, July 1 or October 1 in a calendar year."

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

Section 2.07. The Borrower shall repay the principal amount of the Loan in accordance with the amortization schedule set forth in Schedule 3 to this Agreement.

ARTICLE III

Execution of the Project

Section 3.01. (a) The Borrower declares its commitment to the objectives of the Project as set forth in Schedule 2 to this Agreement, and, to this end, without any limitation or restriction upon any of its other obligations under the Loan Agreement, shall cause ECEPUC to perform in accordance with the provisions of the Project Agreement all the obligations of ECEPUC therein set forth, shall take or cause to be taken all action, including the provision of funds, facilities, services and other resources, necessary or appropriate to enable ECEPUC to perform such obligations, and shall not take or permit to be taken any action which would prevent or interfere with such performance.

(b) The Borrower shall relend the proceeds of the Loan to ECEPUC, under a subsidiary loan agreement to be entered into between the Borrower and ECEPUC, under terms and conditions satisfactory to the Bank including the following: (i) ECEPUC shall repay the Subsidiary Loan over a period not to exceed twenty years, including a period of grace of five years, (ii) ECEPUC shall pay to the Borrower a commitment charge on the principal amount of the Subsidiary Loan not withdrawn from time to time at the rate stated in Section 2.04 of this Agreement, (iii) ECEPUC shall pay interest, on the principal amount of the Subsidiary Loan withdrawn and outstanding from time to time, calculated in accordance with Section 2.05 of this Agreement, and (iv) ECEPUC shall bear all foreign exchange risks between the currency of the Borrower and the Bank's currency pool.

(c) The Borrower shall exercise its rights under the Subsidiary Loan Agreement in such manner as to protect the interests of the Borrower and the Bank and to accomplish the purposes of the Loan, and, except as the Bank shall otherwise agree, the Borrower shall not assign, amend, abrogate or waive the Subsidiary Loan Agreement or any provision thereof.

Section 3.02. Except as the Bank shall otherwise agree, procurement of the goods, works and consultants' services required for the Project and to be financed out of the proceeds of the Loan shall be governed by the provisions of Schedule 1 to the Project Agreement.

Section 3.03. The Bank and the Borrower hereby agree that the obligations set forth in Sections 9.04, 9.05, 9.06, 9.07, 9.08 and 9.09 of the General Conditions (relating to insurance, use of goods and services, plans and schedules, records and reports, maintenance and land acquisition, respectively) shall be carried out by ECEPUC pursuant to Section 2.03 of the Project Agreement.

ARTICLE IV

Financial Covenants

Section 4.01. (a) For all expenditures with respect to which withdrawals from the Loan Account were made on the basis of statements of expenditure, the Borrower shall:

(i) maintain or cause to be maintained in accordance with sound accounting practices, records and accounts reflecting such expenditures;

(ii) ensure that all records (contracts, orders, invoices, bills, receipts and other documents) evidencing such expenditures are retained until at least one year after the Bank has received the audit report for the fiscal year in which the last withdrawal from the Loan Account was made; and

(iii) enable the Bank's representatives to examine such records.

(b) The Borrower shall:

(i) have the records and accounts referred to in paragraph (a) (i) of this Section and those for the Special Account for each fiscal year

audited, in accordance with appropriate auditing principles consistently applied, by independent auditors acceptable to the Bank;

(ii) furnish to the Bank as soon as available, but in any case not later than six months after the end of each such year the report of such audit by said auditors, of such scope and in such detail as the Bank shall have reasonably requested, including a separate opinion by said auditors as to whether the statements of expenditure submitted during such fiscal year, together with the procedures and internal controls involved in their preparation, can be relied upon to support the related withdrawals; and

(iii) furnish to the Bank such other information concerning said records and accounts and the audit thereof as the Bank shall from time to time reasonably request.

ARTICLE V

Remedies of the Bank

Section 5.01. Pursuant to Section 6.02 (1) of the General Conditions, the following additional events are specified:

(a) ECEPUC shall have failed to perform any of its obligations under the Project Agreement.

(b) As a result of events which have occurred after the date of the Loan Agreement, an extraordinary situation shall have arisen which shall make it improbable that ECEPUC will be able to perform its obligations under the Project Agreement.

(c) The laws, rules and regulations establishing ECEPUC shall have been amended, suspended, abrogated, repealed or waived so as to affect materially and adversely the ability of ECEPUC to perform any of its obligations under the Project Agreement.

(d) The Borrower or any other authority having jurisdiction shall have taken any action for the dissolution or disestablishment of ECEPUC or for the suspension of its operations.

(e) (i) Subject to subparagraph (ii) of this paragraph:

(A) the right of ECEPUC to withdraw or receive the proceeds of any loan or investment made to ECEPUC for the financing of the Project shall have been suspended, cancelled or terminated in whole or in part, pursuant to the terms of the agreement providing therefor, or

(B) any such loan shall have become due and payable prior to the maturity thereof.

(ii) Subparagraph (i) of this paragraph shall not apply if the Borrower or ECEPUC establishes to the satisfaction of the Bank that: (A) such suspension, cancellation, termination or prematuring is not caused by the failure of ECEPUC to perform any of its obligations under such agreement; and (B) adequate funds for the Project are available to ECEPUC from other sources on terms and conditions consistent with the obligations of ECEPUC under the Project Agreement.

Section 5.02. Pursuant to Section 7.01 (h) of the General Conditions, the following additional events are specified:

(a) any event specified in paragraph (a) of Section 5.01 of this Agreement shall occur and shall continue for a period of sixty days after notice thereof shall have been given by the Bank to the Borrower;

(b) any event specified in paragraphs (c) and (d) of Section 5.01 of this Agreement shall occur; and

(c) the event specified in paragraph (e) (i) (B) of Section 5.01 of this Agreement shall occur, subject to the proviso of paragraph (e) (ii) of that Section.

ARTICLE VI

Effective Date; Termination

Section 6.01. The following events are specified as additional conditions to the effectiveness of the Loan Agreement within the meaning of Section 12.01 (c) of the General Conditions:

(a) The Borrower's State Council has approved the Loan Agreement; and

(b) the Subsidiary Loan Agreement has been executed on behalf of the Borrower and ECEPUC.

Section 6.02. The following are specified as additional matters, within the meaning of Section 12.02 (c) of the General Conditions, to be included in the opinion or opinions to be furnished to the Bank:

(a) that the Project Agreement has been duly authorized or ratified by ECEPUC, and is legally binding upon ECEPUC in accordance with its terms; and

(b) that the Subsidiary Loan Agreement has been duly authorized or ratified by the Borrower and ECEPUC and is legally binding upon the Borrower and ECEPUC in accordance with its terms.

Section 6.03. The date ninety (90) days after the date of this Agreement is hereby specified for the purposes of Section 12.04 of the General Conditions.

ARTICLE VII

Representative of the Borrower; Addresses

Section 7.01. The Minister of Finance of the Borrower is designated as representative of the Borrower for the purposes of Section 11.03 of the General Conditions.

Section 7.02. The following addresses are specified for the purposes of Section 11.01 of the General Conditions:

For the Borrower:

Ministry of Finance
Sanlihe
Beijing 100820
People's Republic of China

Cable address:

FINANMIN
Beijing

Telex:

22486 MFPRC CN

For the Bank:

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

Cable address:

Telex:

INTBAFRAD
Washington, D.C.

248423 (RCA),
82987 (FTCC),
64145 (WUI) or
197688 (TRT)

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

PEOPLE'S REPUBLIC OF CHINA

By /s/ Li Daoyu

Authorized Representative

INTERNATIONAL BANK FOR
RECONSTRUCTION AND DEVELOPMENT

By /s/ Gautam S. Kaji

Regional Vice President
East Asia and Pacific

SCHEDULE 1

Withdrawal of the Proceeds of the Loan

1. The table below sets forth the Categories of items to be financed out of the proceeds of the Loan, the allocation of the amounts of the Loan to each Category and the percentage of expenditures for items so to be financed in each Category:

Category	Amount of the Loan Allocated (Expressed in Dollar Equivalent)	% of Expenditures to be Financed
(1) Civil works	10,000,000	100% of foreign expenditures
(2) Equipment and materials	260,000,000	100% of foreign expenditures, 100% of local expendi- tures (ex-factory cost), and 75% of local expenditures for other items procured locally
(3) Consultants' services and training	10,000,000	100%
(4) Unallocated	20,000,000	
TOTAL	300,000,000	

2. For the purposes of this Schedule:

(a) the term "foreign expenditures" means expenditures in the currency of any country other than that of the Borrower for goods or services supplied from the territory of any country other than that of the Borrower; and

(b) the term "local expenditures" means expenditures in the currency of the Borrower or for goods or services supplied from the territory of the Borrower.

3. Notwithstanding the provisions of paragraph 1 above, no withdrawals shall be made in respect of payments made for expenditures prior to the date of this Agreement.

SCHEDULE 2

Description of the Project

The objectives of the Project are to (a) alleviate an acute shortage of peaking power and enable more efficient use of power plants, (b) improve the quality of power supply and enhancing socio-economic conditions in densely populated East China regions, (c) improve load management and promote energy conservation, (d) support institutional development of ECEPUC, (e) contribute to the development of an improved power supply utility regulatory framework, and (f) assist in transferring new power technologies and in applying modern power system operation optimization methods.

The Project consists of the following parts, subject to such modifications thereof as the Borrower and the Bank may agree upon from time to time to achieve such objectives:

A. Construction of Power Facilities

1. Construction of a pumped-storage hydroelectric power plant together with lower and upper reservoirs (including bituminous concrete lining), a water conveyance system, an underground powerhouse, and a switchyard.

2. Provision and installation of six 300-Megawatt reversible pump-turbine units and associated equipment.

3. Erection of 500-Kilovolt transmission lines, about 250 kilometers long, and reinforcement of the existing power transmission network.

4. Provision of selected equipment for civil works and dam safety.

5. Provision of construction management and engineering services.

B. Technical Assistance and Training

1. Carrying out of studies regarding peaking power pricing and optimal power plant operation.

2. Carrying out of a management development and staff training program comprising: (a) training in utility management and financial planning, (b) Project related training for ECEPUC's technical staff, and (c) upgrading and equipping of ECEPUC's training facilities.

3. Carrying out of an environmental management program to administer and monitor the environmental impact of the Project and provision of equipment related thereto.

* * *

The Project is expected to be completed by December 31, 2000.

SCHEDULE 3

Amortization Schedule

Date Payment Due	Payment of Principal (expressed in dollars)*
February 1, 1999	5,610,000
August 1, 1999	5,815,000
February 1, 2000	6,035,000
August 1, 2000	6,255,000
February 1, 2001	6,490,000
August 1, 2001	6,730,000
February 1, 2002	6,980,000
August 1, 2002	7,240,000
February 1, 2003	7,510,000
August 1, 2003	7,790,000
February 1, 2004	8,080,000
August 1, 2004	8,380,000
February 1, 2005	8,690,000
August 1, 2005	9,010,000
February 1, 2006	9,345,000
August 1, 2006	9,695,000
February 1, 2007	10,055,000
August 1, 2007	10,425,000
February 1, 2008	10,815,000
August 1, 2008	11,215,000
February 1, 2009	11,635,000
August 1, 2009	12,065,000
February 1, 2010	12,515,000
August 1, 2010	12,980,000
February 1, 2011	13,460,000
August 1, 2011	13,960,000
February 1, 2012	14,480,000
August 1, 2012	15,015,000
February 1, 2013	15,575,000
August 1, 2013	16,150,000

* The figures in this column represent dollar equivalents determined as of the respective dates of withdrawal. See General Conditions, Sections 3.04 and 4.03.

Premiums on Prepayment

Pursuant to Section 3.04 (b) of the General Conditions, the premium payable on the principal amount of any maturity of the Loan to be prepaid shall be the percentage specified for the applicable time of prepayment below:

Time of Prepayment	Premium
	The interest rate (expressed as a percentage per annum) applicable to the Loan on the day of prepayment multiplied by:
Not more than three years before maturity	0.15
More than three years but not more than six years before maturity	0.30
More than six years but not more than 11 years before maturity	0.55
More than 11 years but not more than 16 years before maturity	0.80

More than 16 years but not more than 18 years before maturity	0.90
More than 18 years before maturity	1.00

SCHEDULE 4

Special Account

1. For the purposes of this Schedule:

(a) the term "eligible Categories" means Categories 1, 2 and 3 set forth in the table in paragraph 1 of Schedule 1 to this Agreement;

(b) the term "eligible expenditures" means expenditures in respect of the reasonable cost of goods and services required for the Project and to be financed out of the proceeds of the Loan allocated from time to time to the eligible Categories in accordance with the provisions of Schedule 1 to this Agreement; and

(c) the term "Authorized Allocation" means an amount equivalent to \$12,000,000 to be withdrawn from the Loan Account and deposited in the Special Account pursuant to paragraph 3 (a) of this Schedule.

2. Payments out of the Special Account shall be made exclusively for eligible expenditures in accordance with the provisions of this Schedule.

3. After the Bank has received evidence satisfactory to it that the Special Account has been duly opened, withdrawals of the Authorized Allocation and subsequent withdrawals to replenish the Special Account shall be made as follows:

(a) For withdrawals of the Authorized Allocation, the Borrower shall furnish to the Bank a request or requests for a deposit or deposits which do not exceed the aggregate amount of the Authorized Allocation. On the basis of such request or requests, the Bank shall, on behalf of the Borrower, withdraw from the Loan Account and deposit in the Special Account such amount or amounts as the Borrower shall have requested.

(b) (i) For replenishment of the Special Account, the Borrower shall furnish to the Bank requests for deposits into the Special Account at such intervals as the Bank shall specify.

(ii) Prior to or at the time of each such request, the Borrower shall furnish to the Bank the documents and other evidence required pursuant to paragraph 4 of this Schedule for the payment or payments in respect of which replenishment is requested. On the basis of each such request, the Bank shall, on behalf of the Borrower, withdraw from the Loan Account and deposit into the Special Account such amount as the Borrower shall have requested and as shall have been shown by said documents and other evidence to have been paid out of the Special Account for eligible expenditures.

All such deposits shall be withdrawn by the Bank from the Loan Account under the respective eligible Categories, and in the respective equivalent amounts, as shall have been justified by said documents and other evidence.

4. For each payment made by the Borrower out of the Special Account, the Borrower shall, at such time as the Bank shall reasonably request, furnish to the Bank such documents and other evidence showing that such payment was made exclusively for eligible expenditures.

5. Notwithstanding the provisions of paragraph 3 of this Schedule, the Bank shall not be required to make further deposits into the Special Account:

(a) if, at any time, the Bank shall have determined that all further withdrawals should be made by the Borrower directly from the Loan Account in accordance with the provisions of Article V of the General Conditions and paragraph (a) of Section 2.02 of this Agreement; or

(b) once the total unwithdrawn amount of the Loan allocated to the eligible Categories, less the amount of any outstanding special commitment entered into by the Bank pursuant to Section 5.02 of the General Conditions with respect to the Project, shall equal the equivalent of twice the amount of the Authorized Allocation.

Thereafter, withdrawal from the Loan Account of the remaining unwithdrawn amount of the Loan allocated to the eligible Categories shall follow such procedures as the Bank shall specify by notice to the Borrower. Such further withdrawals shall be made only after and to the extent that the Bank shall have been satisfied that all such amounts remaining on deposit in the Special Account as of the date of such notice will be utilized in making payments for eligible expenditures.

6. (a) If the Bank shall have determined at any time that any payment out of the Special Account: (i) was made for an expenditure or in an amount not eligible pursuant to paragraph 2 of this Schedule; or (ii) was not justified by the evidence furnished to the Bank, the Borrower shall, promptly upon notice from the Bank: (A) provide such additional evidence as the Bank may request; or (B) deposit into the Special Account (or, if the Bank shall so request, refund to the Bank) an amount equal to the amount of such payment or the portion thereof not so eligible or justified. Unless the Bank shall otherwise agree, no further deposit by the Bank into the Special Account shall be made until the Borrower has provided such evidence or made such deposit or refund, as the case may be.

(b) If the Bank shall have determined at any time that any amount outstanding in the Special Account will not be required to cover further payments for eligible expenditures, the Borrower shall, promptly upon notice from the Bank, refund to the Bank such outstanding amount.

(c) The Borrower may, upon notice to the Bank, refund to the Bank all or any portion of the funds on deposit in the Special Account.

(d) Refunds to the Bank made pursuant to paragraphs 6 (a), (b) and (c) of this Schedule shall be credited to the Loan Account for subsequent withdrawal or for cancellation in accordance with the relevant provisions of this Agreement, including the General Conditions.

