

IEEE REGION 9 MILESTONE "SALTO GRANDE"

DOCKET NUMBER 2025-33

CTMSG OFFICIAL DOCUMENTATION INDEX

The Official PDF Project Documents are big files, scanned images from the original paper typewritten documents. For each one we show here its CTMSG catalog number and title in Spanish, and added its translation and a contents description in English.

As they are the property of CTMSG, we have given restricted access to them, on the condition of not publishing them. So, we loaded them into a private Google Drive directory and gave access to the Advocate.

For each Document file, we also generated a Summary file, also available on the Google Drive.

1. --- Project Development

1.1. --- Documentos fundacionales. Leyes, decretos, notas reversales, actas, acuerdos, convenios. Documentos y antecedentes 1938 al 2020.

Founding Documents. Laws, decrees, exchange of notes, minutes, agreements, conventions. Documents and background information from 1938 to 2020.

Buenos Aires, AR, CTMSG, 2020

Document # 00078471

Summary

Notes

Documents and Background 1938 to June 2020.

The Act of January 13, 1938, signed between the Argentine Republic and the Republic of Uruguay, explicitly stated in Article 5 the common interest of the signatory States in the hydraulic development of the Uruguay River, for which purpose it was agreed to promote the appointment of a Joint Technical Commission, which would proceed with the respective study and report to both Governments for its implementation. This Commission was established in 1946; the result of its work was the Agreement and the Additional Protocol of December 30, 1946.

Summary/Content

1. The Salto Grande Joint Technical Commission.
2. Minutes of January 13, 1938.
3. Agreement of December 30, 1946.
4. Additional Protocol.
5. Regulations of the Agreement.
6. Headquarters Agreement.
7. Agreement on Privileges and Immunities.

8. Technical-Administrative Regulations of the Joint Technical Commission.
 9. Tripartite Joint Declaration.
 10. Treaty on the Limits of the Uruguay River.
 11. Energy Interconnection Agreement.
 12. Statute of the Uruguay River.
 13. Statute of the Administrative Commission of the Uruguay River.
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2. --- General Engineering Description of the Project

2.1. --- Descripción del complejo hidroeléctrico y ferroviario Argentino-Uruguayo de Salto Grande.

Description of the Salto Grande Argentine-Uruguayan Hydroelectric and Railway Complex.

Buenos Aires, AR, CTMSG, 1978 (est.)

Document # 00076986

Summary/Contents

Background.

Main Contracts:

- SG-01: Civil Works (dam, powerhouse, upstream navigation lock, auxiliary services, assistance to other contractors, etc.) Consortium Empresa Constructora de Salto Grande S.A.
- SG-02: Turbines and generators. Consortium Equipamiento Electromecánico de Salto Grande.
- SG-03a: 19 radial spillway gates and operating mechanisms. Consortium Cometarsa (Argentina); A.T.B. (Italy)
- SG-03b: Flat intake gates and bottom outlets, operating mechanisms, auxiliary closing panels, and grates. Consortium Mitsubishi Heavy Industries, Ishikawajima-Harima Heavy Industries (Japan).
- SG-04: Powerhouse overhead cranes. External platform gantry cranes. Waagner Consortium Biro (Austria), Calviño (Argentina), Elin-Union (Austria), participation in electrical equipment.
- SG-05: Transformers and reactors. Mitsubishi Corporation Consortium.
- SG-06: Electrical equipment for power plants. Brown Boveri & Co. Consortium, Mannheim (Germany).
- SG-07 A: Supply of phase conductors and ground wires for 500 kV lines. Suppliers: Pirelli-Indelqui IMSA and CAM-CIM-MET.
Ground wires: Santa Rosa metallurgical plant in Argentina, and in the case of purchases of aluminum-clad steel ground wires, Mitsubishi Corporation of Japan.
- SG-07 B: Supply of insulators for 500 kV lines. Suppliers: Ceraver glass insulators (France), NGK porcelain insulators (Japan)

- SG-07 C: Construction of 500 kV high-voltage lines in the Republic of Uruguay and interconnection with the Argentine system. Consortium: Spie Batignolles, CGEE Alstom, SACEEM-Techint (Argentina).
- SG-07 D: Construction of 500 kV high-voltage lines in the Republic of Argentina. Consortium: Salto Grande - Colonia Elía - Gral. Rodríguez Ezeiza Line: SADE and Ibengoa-Teyma.
- SG-07 E: Circuit breakers, disconnectors, and medium-voltage transformers. Company: CCGEE-ALSTHOM-COGELEX.

Contracts in the bidding process:

- SG-07 H: Operation equipment for 500 kV transmission systems.
 - SG-07 I: Construction of civil works for 500 kV substations.
 - Companies: Category I: DYCASA. Category II: Stiles S.A. Section III: Alvaro Palenga SA.
 - SG-07 J: Electromechanical equipment for 500 kV substations.
 - SG-07 K: Protection, control, and telecommunications equipment for 500 kV substations.
 - SG-08: Navigation system.
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2.2. --- Aprovechamiento argentino-uruguayo de Salto Grande. Síntesis informativa.

Argentine-Uruguayan Development of Salto Grande. Information Summary

CTMSG, 1974 (est.)

Document # 00077034

Summary/Content

The harnessing of the rapids of the Uruguay River in the Salto Grande area is a shared aspiration of the people of Argentina and Uruguay that dates back to the end of the last century. After numerous initiatives and individual preliminary projects, the project gained real momentum following the agreement signed between the two nations in December 1946, which created the Salto Grande Joint Technical Commission (CTM), whose primary objective is the study and implementation of the project for the utilization, damping, and diversion of the waters of the Uruguay River.

2.3. --- Proyecto de Salto Grande: Estudio técnico - económico - financiero. Informe final. Resumen y conclusiones. Volumen 1.

Salto Grande Project: Technical, Economic, and Financial Study. Final Report. Summary and Conclusions. Volume 1.

Argentina: ACRES - HIDROSUD, 1971

Document # 00079631

Summary/Contents

Uruguayan Delegation. Gervasio de Posadas Belgrano. Buenos Aires, September 1971. ACRES - HI-DROSUD - Project Analysis. Consulting Consortium.

2.4. --- Proyecto de Salto Grande: Estudio técnico - económico - financiero. Informe final. Estudios de ingeniería. Volumen 3.

Salto Grande Project: Technical, Economic, and Financial Study. Final Report. Engineering Studies. Volume 3.
Buenos Aires, AR, 1971
Document # 00079680

Summary/Contents

1. Hydrological studies.
2. Geotechnical studies.
3. Power and energy studies.
4. Description of the hydroelectric project.
5. Transmission system.
6. Navigation.
7. Investment estimate.

3. --- IEEE Technical Aspects, in particular the quadrilateral transmission system.

3.1. --- Contrato SG-05. Transformadores, autotransformadores, inductores, descargadores. Documentos del contrato. Vol 2 Especificaciones técnicas.

Contract SG-05. Transformers, autotransformers, inductors, surge arresters. Contract documents. Vol 2 Technical specifications.
Argentina-Uruguay, 1975
Document # 00079574

This file describes the technical specifications for tendering the provision of electrical equipment for the Project: transformers, autotransformers, inductors, and surge arresters.

The contracted work will consist of design, manufacture, supply, transport, installation, testing, commissioning, delivery in perfect working order, and warranty of the specified equipment.

3.2. --- Contrato SG-07 E. Segundo llamado a licitación. Interruptores, desconectadores bajo carga, desconectadores, transformadores de intensidad, transformadores de tensión inductivos, transformadores de tensión capacitivos. Volumen 2.

Contract SG-07 E. Second call for bids. Circuit breakers, load break switches, disconnectors, current transformers, inductive voltage transformers, and capacitive voltage transformers. Volume 2.

This document corresponds to the technical specifications of the second call for tenders for the provision of electrical equipment for the Project.

Contents

- Scope of Work
 - Scope of Supply
 - Drawings attached to these specifications
 - Contractor Drawings
 - Subcontractor Orders
 - Operations and Maintenance Manual
 - General Technical Specifications
 - Specific Technical Specifications.
 - Drawings
-

4. --- Social accomplishments

4.1. --- Programa de desarrollo regional de la zona de influencia del aprovechamiento múltiple de Salto Grande. Informe de la dirección del programa.

Regional Development Program for the Salto Grande Multiple Use Area of Influence. Program Management Report.

CTMSG, 01 Mar 1981

Document # 00097288

Scope and Content

The content of this report reflects the product of nine months of work in the implementation of the Regional Development Program for the Salto Grande Area of Influence (IDB/CTM-A.T.N.-S.F.1816-R.E. Agreement).

The main points of its content include, firstly, a description of Salto Grande as an integration and development project and the placement of this Program within its context.

Secondly, it details the conceptual and methodological framework that has guided the Program, according to which the ultimate goal is to improve the quality of life of the area's population, which leads to considering all economic, social, and environmental aspects.

4.2. --- Desarrollo ambiental y regional en el proyecto de Salto Grande: síntesis de realizaciones. Tomo 4.

Environmental and Regional Development in the Salto Grande Project: Summary of Achievements. Volume 4.

Argentina-Uruguay, 1979

Summary/Content

This document constitutes the fourth report, as established in UNEP Project No. 2 FP/1000-78-02-1326 (Environmental Implications of the Salto Grande Multipurpose Hydroelectric Development Project).

The information provided in this report includes a significant portion of the environmental progress made from April 1979 to the present, and, more importantly, incorporates observations made during the filling of the reservoir and the commissioning of the first turbine of the Salto Grande complex, which has been operational since June 20 of this year.

5. --- Press news about the project key moments

5.1. --- Firma del Convenio. La hidroelectrificación del Río Uruguay.

Signing of the Agreement. The hydroelectricization of the Uruguay River.

Montevideo, UY, 1946

Document # 00289248

Summary/Content

This photo shows the moment the agreement was signed for the construction of the hydroelectric power plant on the rapids of the Uruguay River. The signatories to this important agreement were the Ministers of Foreign Affairs, Finance, and Public Works of Uruguay, and Dr. Gregorio Martínez, Ambassador Extraordinary and Minister Plenipotentiary of the Republic of Argentina.

5.2. --- Llegó el primer eje de turbina, mañana lo transportarían al obrador.

The first turbine shaft arrived; it will be transported to the construction site tomorrow.

Salto, UY, 1978

Document # 00289604

Summary/Content

The first turbine shaft for the Salto Grande binational dam finally arrived at the local port in the early hours of yesterday evening. The long-awaited event took place around 7:30 p.m. when an Argentine-flagged tugboat docked, bringing with it the barge carrying the immense 102-ton steel shaft in its central section.

5.3. --- Salto Grande cobró vida.

Salto Grande came to life.

Salto, UY, 1979

Document # 00289601

Summary/Content

Implementing and promoting agro-industrial development on both sides of the river
The most significant act of regional integration

5.4. --- Concordia y Salto, unidos por el puente.

Concordia and Salto are united by the bridge.

Concordia, AR, 1982

Document # 00289603

Summary/Content

Binational Edition, from El Heraldo and Tribuna Salteña.

August 25, 1982 - Inauguration of the Salto Grande Bridge

5.5. --- Se inaugura Salto Grande.

Salto Grande came to life.

Salto, UY, 1983

Document # 00289623

Summary/Content

A historic day for Salto and the country; Presidents Alvarez and Bignone start up the last turbine of Salto Grande, and the work of the century for Uruguayans is inaugurated.

Rev. June 22, 2026