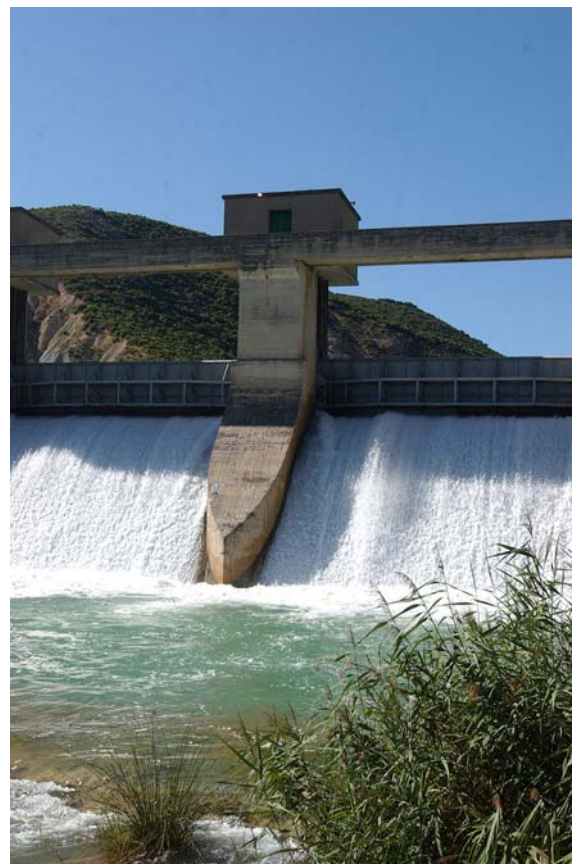


# HYDROELECTRIC POWER PLANTS REFERENCE LIST

---



# **SYNCHRONOUS GENERATOR HYDROELECTRIC POWER PLANTS**

YEAR	HPP	CUSTOMER	UNITS	SUPPLY
1989	C.H. GURIEZO	IBERDUERO	1 x 2 MVA PELTON	Turnkey supply of AVR and Excitation System
1990	C.H. CERNADO	IBERDUERO	1 x 2,85 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. PONTENOVO	IBERDUERO	2 x 10,8 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. ALDEADAVILA	IBERDUERO	6 x 142,5 MVA FRANCIS	Turnkey supply of AVR and Excitation System
	C.H. VILLAGONZALO	IBERDUERO	2 x 2,45 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. ZUDAIRE	CEMENTOS PORTLAND	1 x 2,8 MVA FRANCIS 1 x 1 MVA PELTON	Turnkey supply of Regulation and Control Equipment, and Remote Control
	C.H. MURILLO EL FRUTO	E.H.N.	2 x 3,3 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
1991	C.H. ALCALÁ DEL RIO	CIA SEVILLANA DE ELECTRICIDAD	2 x 3,8 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment
	C.H. VILAFRANCA	CIA SEVILLANA DE ELECTRICIDAD	2 x 2,7 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment
	C.H. TRESPADERNE	IBERDUERO	2 x 7,6 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and Remote Control
	C.H. EGUILLOR	IBERDUERO	1 x 3,2 MVA FRANCIS 1 x 0,9 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. LAS ROZAS	AGROELECTRICA TUDELANA	2 x 3,7 MVA KAPLAN 1 x 0,4 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and Remote Control
	C.H. SAN ROMAN	SOFOENSA	2 x 1,75 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
1992	C.H. SANTA MARINA	ENDESA	1 x 11,7 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. SASTAGO II	ELECTRO METALÚRGICA DEL EBRO S.A.	2 x 7 MVA FRANCIS 1 x 4,3 MVA FRANCIS 1 x 2,3 MVA FRANCIS	Turnkey supply of AVR and Excitation System
	C.H. CARPIO	CIA SEVILLANA DE ELECTRICIDAD	3 x 2,5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. PINTADO	CIA SEVILLANA DE ELECTRICIDAD	3 x 5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment

YEAR	HPP	CUSTOMER	UNITS	SUPPLY
1993	C.H. CORCHADO	CIA SEVILLANA DE ELECTRICIDAD	2 x 5,5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. DILAR	CIA SEVILLANA DE ELECTRICIDAD	2 x 2 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. SOBRON	IBERDROLA	1 x 18 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and Remote Control
	C.H. CAVANCHA (Chile)	INGENDESA	1 x 3,5 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. VIANA II	E.H.N.	2 x 2,5 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. IRABIA	E.H.N.	1 x 1 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. UBAUN	E.H.N.	2 x 0,4 MVA PELTON	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
1994	C.H. ALMANDOZ	E.H.N.	1 x 2 MVA PELTON 1 x 0,6 MVA PELTON	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. EL HOYO	SOFOENSA	2 x 3 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. MELIDA	AGROELECTRICA TUDELANA	2 x 3 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment
	C.H. JAUJA	CIA SEVILLANA DE ELECTRICIDAD	3 x 10 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. DURCAL	CIA SEVILLANA DE ELECTRICIDAD	2 x 10 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. SOBRON	IBERDROLA	1 x 18 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. VIANA III	E.H.N.	2 x 3 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. LODOSA	E.H.N.	2 x 2,5 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. BUICIO	SOFOENSA	2 x 3 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control

YEAR	HPP	CUSTOMER	UNITS	SUPPLY
1995	C.H. PRIAÑES	HIDROELECTRICA DEL CANTABRICO	2 x 5,3 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. MACHIN	E.H.N.	2 x 2,5 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. LUCAS DE URQUIJO	IBERDROLA	2 x 17 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. MONTENARTRO	PROMOCIONES Y PROYECTOS MODOLELL S.L.	1 x 5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. VALLESPER	PROMOCIONES Y PROYECTOS MODOLELL S.L.	1 x 5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. MALPAS	MINICENTRALES HIDROELÉCTRICAS	1 x 5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
1996	C.H. ALCANADRE	E.H.N.	1 x 1,6 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. PUENTE DEL CONGOSTO	IBERDROLA	1 x 0,93 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. EL PICAZO	IBERDROLA	2 x 17 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
1997	C.H. LA FLORIDA	HIDROELÉCTRICA DEL CANTÁBRICO	1 x 5 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. SANTA TERESA	IBERDROLA	2 x 7 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. BORBOLLON	IBERDROLA	1 x 1,725 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. BATANEJOS	IBERDROLA	1 x 0,87 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. VILLALCAMPO I	IBERDROLA	3 x 32 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. LERIN	E.H.N.	1 x 1,1 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control

YEAR	HPP	CUSTOMER	UNITS	SUPPLY
1998	C.H. LA MALVA	HIDROELÉCTRICA DEL CANTÁBRICO	4 x 3,2 MVA PELTON	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. MILLER	IBERDROLA	3 x 10 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. ALMADENES	IBERDROLA	4 x 7,5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. CAÑAVEROSE	IBERDROLA	3 x 2 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. EL AGUILA	IBERDROLA	2 x 0,325 MVA PELTON	Turnkey supply of Regulation and Control Equipment, and Remote Control
	C.H. MARINEJO	ELÉCTRICA DEL OESTE	2 x 0,275 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. CASAS MONTE	ELÉCTRICA DEL OESTE	2 x 1,1 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. CAPARROSO	E.H.N.	2 x 2,4 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. EL CORTIJO	IBERDROLA	2 x 2,2 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. RICOBAYO II	IBERDROLA	1 x 150 MVA FRANCIS	Turnkey supply of Control Equipment and SCADA
	C.H. MURILLO	E.H.N.	2 x 2,5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
1999	C.H. CHANZA	ABENSUR	1 x 5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. RICOBAYO I	IBERDROLA	4 x 37 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. LABASTIDA	SOFOENSA	2 x 2,4 MVA SKAPLAN	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. COMPUERTO	IBERDROLA	2 x 12,5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. LA ARBOLEDA	SOFOENSA	1 x 0,95 MVA SKAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control

YEAR	HPP	CUSTOMER	UNITS	SUPPLY
1999	C.H. YANCI I	IBERDROLA	4 x 0,75 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and Remote Control
	C.H. YANCI II	IBERDROLA	2 x 0,35 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and Remote Control
	C.H. LORIGUILLA	IBERDROLA	1 x 4,5 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. MILLARES II	IBERDROLA	2 x 35,3 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. EL CASTILLEJO	IBERDROLA	2 x 1,5 MVA PELTON	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. SEÑORIO DE SARRÍA	INICIATIVAS ENERGÉTICAS	2 x 2,5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. EL CIEGO	AGROELÉCTRICA TUDELANA	2 x 1,1 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. TUDELA	E.H.N.	3 x 2,1 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
2000	C.H. LEIZA	IBERDROLA	1 x 1,5 MVA FRANCIS 1 x 0,66 MVA PELTON	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. LEIZARAN	IBERDROLA	1 x 4,5 MVA PELTON	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. ZUMARRESTA	IBERDROLA	1 x 1,9 MVA FRANCIS 1 x 2 MVA PELTON	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. LOS GAVILANES	IBERDROLA	2 x 0,6 KVA PELTON	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. BERROCALILLO	IBERDROLA	1 x 0,177 MW FRANCIS DOBLE ASPIRACIÓN 1 x 0,340 MW FRANCIS DOBLE ASPIRACIÓN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. CONTRERAS-MIRASOL	IBERDROLA	2 x 0,68 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. EL BATANEJO	IBERDROLA	1 x 2,55 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control

YEAR	HPP	CUSTOMER	UNITS	SUPPLY
2000	C.H. NACIMIENTO	ENDESA GENERACIÓN	2 x 0,6 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. LOS ORGANOS	ENDESA GENERACIÓN	2 x 0,96 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. CAZULAS	ENDESA GENERACIÓN	1 x 1,8 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. CHILLAR	ENDESA GENERACIÓN	1 x 0,72 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. RONDA	ENDESA GENERACIÓN	2 x 1,16 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. CORCHADO	ENDESA GENERACIÓN	1 x 1,16 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. GUADALEN	ENDESA GENERACION	1 x 4,5 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment
	C.H. BUITRERA	ENDESA GENERACIÓN	1 x 3 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. BARAZAR	IBERDROLA	1 x 1 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
2001	C.H. ANGUIANO	IBERDROLA	3 x 1,45 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. LAS CUEVAS	IBERDROLA	2 x 1,15 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. LA RETORNA	IBERDROLA	2 x 1,4 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. MANSILLA	IBERDROLA	2 x 3,6 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. LA MALVA (G2)	HIDROCANTABRICO GENERACIÓN	1 x 3,2 MVA PELTON	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. LA BARCA	HIDROCANTABRICO GENERACIÓN	1 x 33 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. OIZ	IBERDROLA	1 x 0,625 MVA PELTON 1 x 0,78 MVA PELTON	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. URROZ	IBERDROLA	2 x 0,6 MVA PELTON	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control



YEAR	HPP	CUSTOMER	UNITS	SUPPLY
2001	C.H. ZUBIETA	IBERDROLA	1 x 0,72 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. PUENTE BIBEY	IBERDROLA	1 x 1 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. AMBASAGUAS	IBERDROLA	2 x 0,42 MVA FRANCIS 1 x 1,12 MVA FRANCIS	Suministro llave en mano de Equipos de Regulación y Control, SCADA y Telemando.
	C.H. LUGAN	IBERDROLA	1 x 0,72 MVA FRANCIS 1 x 0,27 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. LA GOTERA	IBERDROLA	1 x 0,75 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. VEGACERVERA	IBERDROLA	2 x 0,35 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. TERRADETS	ENDESA GENERACIÓN	2 x 17 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. SAN PASCUAL	ENDESA GENERACIÓN	2 x 1 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. LOS ÓRGANOS	ENDESA GENERACIÓN	2 x 1 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. NACIMIENTO	ENDESA GENERACIÓN	2 x 0,75 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. CAZULAS	ENDESA GENERACIÓN	1 x 1,5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. CHILLAR	ENDESA GENERACIÓN	1 x 1,2 MVA PELTON	Turnkey supply of Regulation and Control Equipment
2002	C.H. BUITRERAS	ENDESA GENERACIÓN	2 x 3 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. LASPUÑA	ENDESA GENERACIÓN	2 x 6,3 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. LLAVORSI (G2)	ENDESA GENERACIÓN	1 x 24 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. OROÑOZ	IBERDROLA	2 x 0,57 MVA FRANCIS	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, SCADA and Remote Control
	C.H. ARTESIAGA	IBERDROLA	2 x 1 MVA FRANCIS	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, SCADA and Remote Control

YEAR	HPP	CUSTOMER	UNITS	SUPPLY
2002	C.H. SAN TIBURCIO	IBERDROLA	1 x 1,7 MVA KAPLAN	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, SCADA and Remote Control
	C.H. ALLOZ	IBERDROLA	2 x 4,25 MVA FRANCIS	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, SCADA and Remote Control
	C.H. MAÑERU	IBERDROLA	2 x 3 MVA FRANCIS	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, SCADA and Remote Control
	C.H. TALAVERA DE LA REINA	IBERDROLA	2 x 1,7 MVA SKAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. PALOMAREJO	IBERDROLA	2 x 1,7 MVA SKAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. ENDARA	ELECTRA NAVASTUREN	1 x 0,825 MVA KAPLAN 1 x 0,425 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment
2003	C.H. BIELSA	ENDESA GENERACIÓN	1 x 2 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. SALINAS	ENDESA GENERACIÓN	1 x 3 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. LA BARCA	HIDROCANTABRICO GENERACIÓN	1 x 27,6 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. CARPIO	ENDESA GENERACIÓN	3 x 3,5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
2004	C.H. PRIAÑES	HIDROCANTABRICO GENERACIÓN	1 x 12,5 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. IRABIA	E.H.N.	1 x 1 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. GUADALMENA	ENDESA GENERACIÓN	1 x 19 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. DUQUE	ENDESA GENERACIÓN	1 x 16 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. CORCHADO	ENDESA GENERACIÓN	1 x 1,16 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	SIMULATION CABINETS	GOVERNMENT OF NAVARRE		Supply of Hydroelectric Power Plant Simulation Cabinets

YEAR	HPP	CUSTOMER	UNITS	SUPPLY
2005	C.H. CASAS DEL MONTE	ELÉCTRICA DEL OESTE	2 x 1 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. PROAZA (G2)	HIDROCANTÁBRICO GENERACIÓN	1 x 30 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. LA ESPERANZA (Ecuador)	MAGNAGENERACIÓN	2 x 3,4 MVA KAPLAN	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, SCADA and Remote Control
	C.H. POZA HONDA (Ecuador)	MAGNAGENERACIÓN	2 x 1,65 MVA KAPLAN	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, SCADA and Remote Control
	C.H. SAN RAMON	ENDESA GENERACIÓN	1 x 0,7 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment
	C.H. IRATI	E.H.N.	1 x 1,3 MVA FRANCIS 1 x 1,35 MVA FRANCIS 1 x 0,135 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. BRANDARIZ	UNIÓN FENOSA	1 x 18 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment
	C.H. GOIZUETA	E.H.N.	1 x 2 MVA FRANCIS 1 x 1 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, SCADA and Remote Control
	C.H. RONDA	ENDESA GENERACIÓN	2 x 0,875 MVA PELTON	Turnkey supply of Regulation and Control Equipment
2006	C.H. CANALETE (Costa Rica)	UNIÓN FENOSA	2 x 8,75 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
	C.H. VALVANERA	MONASTERIO DE VALVANERA	1 x 0,135 MVA PELTON 1 x 0,069 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H. PROAZA (G1)	HC ENERGÍA	1 x 30 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
2007	C.H. SAN RAMON	ENDESA GENERACION	1 x 0,6 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment
	C.H. SAN LAZARO	ELÉCTRICA DEL OESTE	1 x 1 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment
	C.H. UMBATA (Canada)	UMBATA FALLS LP	2 x 13,33 MVA KAPLAN	Turnkey supply of AVR and Excitation System
	C.H. NHANDU (Brasil)	USINA ELECTRICA DO NHANDU LTDA.	2 x 7,22 MVA KAPLAN	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, and SCADA
	C.H. ROCHEDO (Brasil)	USINA ELECTRICA DO NHANDU LTDA.	2 x 5 MVA KAPLAN	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, and SCADA

YEAR	HPP	CUSTOMER	UNITS	SUPPLY
2008	C.H. SARRIA I	SALTOS DEL ARGA	2 x 3,3 MVA FRANCIS	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, SCADA, Remote Control and Substation
	C.H. LA JOYA (Perú)	MINERA MOCHICA GOLD	2 x 5,626 MVA FRANCIS	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, SCADA, Remote Control and Substation
	C.H. OJOS DE AGUA (Chile)	ENDESA CHILE	1 x 11 MVA FRANCIS	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, SCADA, and Remote Control
	C.H. EL ENCANTO (Costa Rica)	CNFL	2 x 4,4 MVA FRANCIS	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, SCADA, and Remote Control
2009	CH SARRIA III	SALTOS DEL ARGA	2 x 1,6 MVA FRANCIS	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, SCADA, Remote Control and Substation
	C.H. MARMOLEJO	ENDESA GENERACION	2 x 10,6 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
2010	C.H. LLAVORSI (G1)	ENDESA GENERACIÓN	1 x 24 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment,
	C.H. PRIAÑES	HC ENERGÍA	2 x 5,3 MVA KAPLAN 1 x 12,5 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. BEMBEZAR	ENDESA GENERACIÓN	1 x 18,5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. JANDULA	ENDESA GENERACIÓN	1 x 3,5 MVA FRANCIS 2 x 7,5 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and SCADA
	C.H. VARABLANCA II (Costa Rica)	GILBERT GILKES & GORDON	1 x 2,67 MVA FRANCIS	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, SCADA, and Substation
	C.H. APULO (Colombia)	INDAR	2 x 2,80 MVA KAPLAN	Turnkey supply of Regulation and Control Equipment, and SCADA

## **ASYNCHRONOUS GENERATOR HYDROELECTRIC POWER PLANTS**

YEAR	HPP	CUSTOMER	UNITS	SUPPLY
1990	C.H. SAN MIGUEL DEL PINO	SOFOENSA	2 x 0,7 MVA SKAPLAN	Turnkey supply of Regulation and Control Equipment, and Remote Control
	C.H. SAN VICENTE DE LA SONSIERRA	SOFOENSA	2 x 0,7 MVA SKAPLAN	Turnkey supply of Regulation and Control Equipment, and Remote Control
	C.H. VILLABAÑEZ	SOFOENSA	2 x 0,7 MVA SKAPLAN	Turnkey supply of Regulation and Control Equipment, and Remote Control
	C.H. JOSEFINA	SOFOENSA	2 x 0,7 MVA SKAPLAN	Turnkey supply of Regulation and Control Equipment, and Remote Control
	C.H. CONCHITA	SOFOENSA	2 x 0,7 MVA SKAPLAN	Turnkey supply of Regulation and Control Equipment, and Remote Control
1993	C.H. VALDESTILLAS	SOFOENSA	2 x 0,5 MVA SKAPLAN	Turnkey supply of Regulation and Control Equipment, and Remote Control
2002	C.H. ARANAZ	E.H.N.	1 x 0,7 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment, and Remote Control
2004	C.H.C.R. BIOMASA	BIOMASA DE SANGÜESA	1 x 0,1 MVA FRANCIS	Turnkey supply of Regulation and Control Equipment
2007	C.H.SANTOLAZ	SANTOLAZ S.L.	1 x 0,4 MVA PELTON 1 x 0,2 MVA PELTON	Turnkey supply of Regulation and Control Equipment
	C.H.LESAKA	JUAN PELLO S.A.	1 x 0,6 MVA PELTON	Turnkey supply of Regulation and Control Equipment
2009	C.H. SAN MIGUEL DEL PINO	IBERDROLA	2 x 0,7 MVA SKAPLAN	Turnkey supply of Regulation and Control Equipment, SCADA, and Remote Control
	C.H. SAN VICENTE DE LA SONSIERRA	IBERDROLA	2 x 0,7 MVA SKAPLAN	Turnkey supply of Electrical Equipment, Regulation and Control Equipment, SCADA, Remote Control