










List of Main References

REF NR	CUSTOMER	PROJECT	BRIEF DESCRIPTION	DATE	EST. AMOUNT	EST. TOTAL LRTIFIC	PUBLIC/PRV	PRODUCT FAMILY	PHOTO	LONG DESCRIPTION
C-0001	Foster Wheeler	Neishabour plant, Iran		1992		No	Private	C1 - Instrument cable		<p>Neishabour Location: Khorasan Operator: Khorasan Regional Electric Power Configuration: Three 348-MW, 2+1 CCGT blocks with 9001E gas turbines Fuel: natural gas, oil Operation: 1995-2003 HRSG supplier: Doosan T/G supplier: GEC Alsthom EPC: Mapna Quick facts: The CC plant has a Heller dry cooling system and is connected to the grid at 400kv.</p>
C-0002	Foster Wheeler	KHOY, Iran		1995		No	Private	C1 - Instrument cable		<p>Khoi Location: West Azarbaijan Operator: West Azarbaijan Generation Management Configuration: 350-MW, 2+1 CCGT blocks with 9001E gas turbines Fuel: natural gas, oil Operation: 1998-2002 HRSG supplier: FW T/G supplier: GE, Siemens EPC: Mapna, Moshaver Niroo, Monenco Iran Quick facts: The simple-cycle phase of the Khoi project cost combined-cycle extension cost \$75mn. In Sep 2005, Tavanir said that had signed a sales agreement for the Khoi plant with Sanir Co and Niru Investment Co. Sanir is a power plant development affiliate of the Energy Ministry.</p>
C-0003	Intecsa	Mashat Daran Petrochemical-Bandar Iman Olefin Plant (Iran)		1997		No	Private	C1 - Instrument cable		<p>Bandar Iman Location: Khuzestan Operator: Fajr Petrochemical Co Configuration: 5 X 96 MW GT11N2-EV gas turbines CHP Fuel: natural gas, gasoil Operation: 2000 T/G supplier: Alstom EPC: Sadeimi Quick facts: This industrial CHP plan has five GTs with evaporative cooling, four HRSGs, and two auxiliary boilers, all operating in parallel with the grid.</p>
C-0004	Tecnicas Reunidas	First Linear Alkyle Benzene Plant (Kermansah-Iran)		1998		No	Private	C1 - Instrument cable		<p>Kerman Location: Kerman Operator: Tavanir Configuration: Two 483-MW, 2+1 CCGT blocks with V94.2 gas turbines, 6 X 161-MW V94.2 gas turbines Fuel: natural gas, oil Operation: 2001-2008 HRSG supplier: Doosan T/G supplier: Siemens, Ansaldo EPC: Ghods Niroo Consulting Engineers, Mapna, Monenco Iran Quick facts: The plant is connected to the grid through a 4000kV switchyard.</p>
C-0005	Tecnicas Reunidas	Izmir Isomerization Plant (Tupras-Turkey)		2000		No	Private	C1 - Instrument cable		<p>Izmir Location: Izmir Operator: InterGen Enerji Ltd Sirketi Configuration: 2 X 700-MW, 2+1 CCGT blocks with 9001FA+ gas turbines Operation: 2003 Fuel: natural gas HRSG supplier: CMI T/G supplier: GE, Alstom EPC: Bechtel, Enka Quick facts: In late October 1997, TEAS announced that a consortium of the InterGen and Turkish construction company Enka had won the exclusive right to negotiate for 3,500-MW of CCGT capacity, one of the largest private-power development schemes in the world. In Sep 2000, the partners signed \$1.5bn of loan agreements for the three projects and construction started in the summer of 2000. The gas turbine purchase amounted to about \$900mn, the largest order for</p>
C-0006	Ericsson	Several projects in Algeria, Syria, Mexico, Chile, Ecuador and Colombia	Supply of Communication Cables			No	Private	C3 - Telecommunication c	No	
C-0007	Tecnicas Reunidas	BAN Natural Gas Plant (Argentina)				No	Private	C1 - Instrument cable	No	
C-0008	Tecnicas Reunidas	Chimcomplex Chemical Plant (Romania)				No	Private	C1 - Instrument cable		<p>Established in 1954 as the former Chemical Works Borzesti, our company is one of the most important chemical producers from Romania. The main groups of products we deliver are: Chloralkali, Organic Solvents, Inorganic Chlorides, Synthesis Intermediaries, Alkylamines, Products for the Plant Protection, Compressed Gases</p>
C-0009	Intecsa	Choro Alkali Electrolysis Plant (Olchim-Romania)				No	Private	C1 - Instrument cable	No	
C-0010	Tecnicas Reunidas - Eurocontrol	Esmeraldas Project (Ecuador)		1996		No	Private	C1 - Instrument cable		










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C-0011	YPF Argentina	Akilacion - Lujan de Cuyo (Argentina)					No Private	C1 - Instrument cable		Location: Mendoza Operator: SADE Srl Configuration: 285-MW, 1+1 combined-cycle with V94.3A gas turbine Fuel: natural gas Operation: 1998 HRSG suppliers: ?? T/G supplier: Siemens, Skoda EPC: Black & Veatch, SADE, Skoda Quick facts: This project converted an existing steam-set to combined-cycle operation.
C-0012	Foster Wheeler	Naftas Plant (La Plata - Argentina)					No Private	C1 - Instrument cable		
C-0013	Abencor	Atucha Nuclear Power Station (Argentina)					No Private	C1 - Instrument cable		TIPO DE REACTOR Recipiente de presión SIEMENS POTENCIA TÉRMICA 1.179 MW POTENCIA ELÉCTRICA BRUTA/NETA 357 Mwe MODERADOR Y REFRIGERANTE Agua pesada (D2O) COMBUSTIBLE Uranio natural o uranio levemente enriquecido (0.85%) GENERADOR DE VAPOR Dos verticales, tubos en "U" Incolloy 800 TURBINA Una etapa de alta presión, tres etapas de baja presión - Velocidad: 3.000 rpm GENERADOR ELÉCTRICO Dos polos tensión 21 Kv, 50 Hz
C-0014	Babcock-Wilcox	Thermal Power Station (Trinitaria-Ecuador)					No Private	C1 - Instrument cable		Trinitaria Location: Ecuador Operator: Electroguayas SA Configuration: 1 X 133 MW Operation: 1997 Fuel: fuel oil Boiler supplier: B&W Espanola T/G supplier: ABB EPC: Intec Energia, Santos CMI Quick facts: This is the largest steam-electric unit in Ecuador.
C-0015	Pemba	Civil Engineering works in Cuba					No Private	C1 - Instrument cable	No	
C-0016	Repsol, Petronor, Enagas	Albatros Project (Cantabric Sea - Spain)					No Private	C1 - Instrument cable	No	
C-0017	Electrans	Installation works for Renfe (Spain)					No Private	C3 - Telecommunication c	No	
C-0018	Iberdrola (formerly Iberduero)	Power Utility (Spain)	Control, Power, Instrument and Telecommunication Cables.	From 1993	Average : 3MM	Average : 1 M	No Private	C2 - Power cables		
C-0019	Red Electrica de España	Power Utility (Spain)	Control, Power, Instrument and Telecommunication Cables.	From 1995	Average : 5MM	Average : 1,5 J	No Private	C1 - Instrument cable		
C-0020	Endesa (formerly Sevillana de Electricidad)	Power Utility (Spain)	Control, Power, Instrument and Telecommunication Cables.		Average : 5MM	Average : 1,5 J	No Private	C1 - Instrument cable		
C-0021	Endesa (formerly Electricas Reunidas de Zaragoza)	Power Utility (Spain)	Control, Power, Instrument and Telecommunication Cables.				No Private	C1 - Instrument cable	No	
C-0022	Astilleros Españoles (Puerto Real)	Shipyard (Spain)	Shipboard power cables for several projects				No Private	C2 - Power cables	No	
C-0023	Unión Naval de Levante	Shipyard (Spain)	Shipboard power cables				No Private	C2 - Power cables	No	
C-0024	Astilleros Españoles (Sestao)	Shipyard (Spain)	Shipboard power cables for several projects				No Private	C2 - Power cables	No	
C-0025	Astilleros Juliana Gijonesa	Shipyard (Spain)	Shipboard power cables				No Private	C2 - Power cables	No	
C-0026	General Motors España	Car Manufacturing Plant (Spain)					No Private	C2 - Power cables	No	
C-0027	Ford España	Car Manufacturing Plant (Spain)					No Private	C2 - Power cables	No	
C-0028	Madrid Underground	Urban Transportation (Spain)	Telecommunication cables.				No Private	C2 - Power cables	No	
C-0029	D.G.T. (Dirección General Trafico - General Traffic Directorate)	S.O.S. Posts in Spanish motorways (Sapin)	Telecommunication cables. (Quads)	From 1998			No Private	C3 - Telecommunication ca		








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C-0030	Elecnor	Leizarán Motorway (Spain)	Telecommunication cables. (Quads)			No Private	C3 - Telecommunication cables		
C-0031	ENA Trafico	Capsacosta tunnels	Telecommunication cables.	1994		No Private	C3 - Telecommunication c No		
C-0032	Barcelona Underground	Urban Transportation (Spain)	Signal cables	1994		No Private	C3 - Telecommunication c No		
C-0033	Mecánica La Peña	Petromed (Mexico)	Instrument and Control cables			No Private	C1 - Instrument cable		
C-0034	Grupo Repsol YPF	Frame Agreement Instrument Cable	Instrument and Control cables	From 1993		No Private	C1 - Instrument cable		
C-0035	Repsol Tarragona	Tarragona Refinery (Spain)	Several projects with Instrument and Signal Cables. I.e. T57 (Diseprosa - 2008)	From 1993		No Private	C1 - Instrument cable		
C-0036	Repsol Puertollano	Puertollano Refinery (Spain)	Several projects with Instrument and Signal Cables. I.e. P47 (Intecsa UHDE - 2007) P46 (MdE - 2009)	From 1993		No Private	C1 - Instrument cable		
C-0037	Repsol La Coruña	La Coruña Refinery (Spain)	Several projects with Instrument and Signal Cables. I.E: G42 (Sener - 2009, Diseprosa - 2008), G40 (Diseprosa - 2008-09), G39 (Diseprosa - 2008), G37 (Intecsa UHDE - 2007), G36 (Intec - 2006)	From 1993		No Private	C1 - Instrument cable		
C-0038	Repsol Cartagena	Cartagena Refinery (Spain)	Several projects with Instrument and Signal Cables. I.e: C32 (Diseprosa - 2009), C10 (Fluor, FW, Intecsa, Intec, TR - 2008-09-10), C29 (Intecsa - 2007)	From 1993		No Private	C1 - Instrument cable		
C-0039	Repsol Petronor	Petronor Refinery (Spain)	Instrument and Signal Cables. I.E. URF Project (Intecsa, Sener - 2009).	From 1993		No Private	C1 - Instrument cable		
C-0040	Repsol La Pampilla	La Pampilla Refinery (Peru)	Several projects with Instrument and Signal Cables. I.e: P10 (Technip, 2009), RLP23 (Diseprosa - 2007)	From 1993		No Private	C1 - Instrument cable		




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C-0041	NICSA	Mejillones Regasification Project (Codelco - Suez)	Instrument cable, Fire resistant cables	2008 - 2009	1.300 k€	No Private	C1 - Instrument cable		<p>Mejillones Location: II Region Operator: Edelnor Configuration: 250-MW, 1+1 combined-cycle with V94.2 gas turbine Fuel: natural gas Operation: 2000 HRSG supplier: Ansaldo T/G supplier: Ansaldo, Siemens EPC: Ansaldo Quick facts: In April 1998, Edelnor signed a \$100mn turnkey contract with Ansaldo for construction of this combined-cycle. The plant came online in March 2000. Gas is from Argentina via the GasAtacama pipeline.</p>
C-0042	SIEMENS	COMETA Project. 2 x 200 MW HVDC Converter Station	Control Cables with REE specification	2010	150 k€	No Private	C1 - Instrument cable		<p>The COMETA project is an HVDC submarine cable transmission link in Spain between Morvedre, Valencia and Santa Ponsa, Mallorca. Contecsa is to supply Control Cables following REE Specification. Siemens has awarded CONTECSA the supply of the control cables needed for the REE</p> <p>*****</p> <p>Unir la Península Ibérica con las islas Baleares</p> <p>Conectar las redes eléctricas de las islas Baleares con la Península, a través del sistema HVDC es el objetivo de este proyecto. La alta tensión en corriente continua (HVDC) es la única alternativa técnica viable para la interconexión por cable submarino. Siemens está construyendo las estaciones convertidoras de este proyecto, cuyo plazo de finalización está previsto para mayo del 2011.</p> <p>Siemens ha confiado a Contecsa el suministro de cable de control según normativa REE para las subestaciones de Morvedre (Valencia) y Santa Ponsa (Mallorca).</p> <p>El fin es asegurar que el pico de la demanda, especialmente durante el periodo vacacional, pueda ser cubierto por electricidad suministrada desde la península. De esta forma se preservan las condiciones medioambientales de estas islas y se mejora la seguridad del suministro.</p> <p>Con esta medida se evitará construir una planta de generación con combustible fósil ya que se usará el mix energético de la península en vez del suministro local, con lo que se conseguirá una reducción del CO2 en 1,2 millones de toneladas al año.</p>
C-0043	Enagas	AMPLIACIÓN DE LA CAPACIDAD DE EMISIÓN A 1.800.000 Nm3/h y LV Cables for 7th & 8th Tanks 1.950.000 Nm3/h PLANTA ENAGAS EN BARCELONA (Sener)		2009	400k€	No Private	C2 - Power cables		<p>El proyecto consiste en la ampliación de la capacidad de almacenamiento de GNL en la planta de Barcelona, que supondrá la construcción de dos nuevos tanques de 150.000 m3 cada uno. Con la construcción del séptimo tanque, serán desmantelados los dos tanques de 40.000 m3 más antiguos de la planta y con la construcción del octavo, será desmantelado el de 80.000 m3</p>
C-0044	Enagas	TERMINAL DE REGASIFICACIÓN DE GNL EN PALOS DE LA FRONTERA (HUELVA). INTERCONEXIÓN DEL 5º TANQUE DE ALMACENAMIENTO DE GNL (FB-141) CON LAS INSTALACIONES EXISTENTES EN PLANTA Y ACTUALIZACIÓN DEL SISTEMA DE BOIL OFF Y ANTORCHA (Intecsa-Inarsa)	CABLES ELÉCTRICOS DE FUERZA Y CONTROL (B.T.)	2009	110 k€	No Private	C2 - Power cables		
C-0045	Enagas	INTERCONEXION DEL TANQUE FB-251 CON PLANTA DE GNL DE CARTAGENA (MdE)	Instrument Cables	2009	210 k€	No Private	C1 - Instrument cable		
C-0046	Enagas	ESTACIÓN DE COMPRESIÓN DE DENIA (Intecsa-Inarsa)	Power Cables (LV)	2009	150 k€	No Private	C2 - Power cables		
C-0047	Enagas	TERMINAL DE REGASIFICACIÓN DE GNL EN PALOS DE LA FRONTERA (HUELVA). INTERCONEXIÓN DEL 5º TANQUE DE ALMACENAMIENTO DE GNL (FB-141) CON LAS INSTALACIONES EXISTENTES EN PLANTA Y ACTUALIZACIÓN DEL SISTEMA DE BOIL OFF Y ANTORCHA (Intecsa-Inarsa)	Instrument Cables	2009	106 k€	No Private	C1 - Instrument cable		
C-0048	Enagas	INTERCONEXION DEL TANQUE FB-251 CON PLANTA DE GNL DE CARTAGENA (MdE)	Power Cables (LV)	2009	241 k€	No Private	C2 - Power cables		
C-0049	Enagas	ESTACIÓN DE COMPRESIÓN DE CHINCHILLA (Intecsa-Inarsa)	Instrument Cables	2009	45 k€	No Private	C1 - Instrument cable		
C-0050	Enagas	ESTACIÓN DE COMPRESIÓN DE DENIA (Intecsa-Inarsa)	Instrument Cables	2009	28 k€	No Private	C1 - Instrument cable		
C-0051	Enagas	ESTACIÓN DE COMPRESIÓN DE MONTESA (Intecsa-Inarsa)	Instrument Cables	2009	22 k€	No Private	C1 - Instrument cable		



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C-0052	Enagas	AMPLIACIÓN DE LA CAPACIDAD DE EMISIÓN A 1.800.000 Nm ³ /h y 1.950.000 Nm ³ /h PLANTA ENAGAS EN BARCELONA (Sener)	Instrument Cables	2009	200 k€		No Private	C1 - Instrument cable		
C-0053	Ministerio de Defensa	Communication Cables		2003 - 2009	200 k€/yr		No Public	C3 - Telecommunication cables		
C-0054	Teleca - Instelmed	Several projects	Supply of Shipboard marine power, telecommunication and instrument cables	2008 - 2009	400 k€		No Private	C2 - Power cables		
C-0055		Proyectos DGT (Indra, SICE, Telvent)								