



References of OSC, a.s.

No.	Description	Object	Year
1	Certification of balancing services aFRP and mFRP (available within 5 or 15 minutes) in heating station Planá nad Lužnicí	C-Energy Planá s.r.o. - Heating station Planá nad Lužnicí	2010 - 2019
2	Feasibility study of operating options of modernized equipment to provide ancillary services elaborated according to Grid Code requirements in heating station Planá nad Lužnicí, Feasibility Study update after installation of BESS and gas engines 5 and 6	C-Energy Planá s.r.o. - Heating station Planá nad Lužnicí	2014 - 2019
3	C-Energy Planá power plant terminal - controlling of battery energy storage system (BESS) in balancing services for Czech TSO	C-Energy Planá s.r.o. - Heating station Planá nad Lužnicí	2019
4	Technical assistance in preparation and evaluation of guarantee measurements on battery energy storage system (BESS) in heating station Planá nad Lužnicí	C-Energy Planá s.r.o. - Heating station Planá nad Lužnicí	2019
5	Proposal for amendments of the Grid Code (ČEPS TSO) - new rules of evaluating balancing services, changing of balancing services provision to net supply	ČEPS, a.s.	2019
6	Hardware upgrade and rehost of full scope simulator and display simulator in nuclear power plant Dukovany	ČEZ, a.s. - Nuclear power plant Dukovany	2018 - 2019
7	Modification of full scope simulator based on changes made on Unit 2 nuclear in power plant Dukovany	ČEZ, a.s. - Nuclear power plant Dukovany	2017 - 2019
8	Maintenance of full scope simulator in nuclear power plant Dukovany	ČEZ, a.s. - Nuclear power plant Dukovany	2001 - 2019
9	Parameters measurement of fire pumps in nuclear power plant Dukovany	ČEZ, a.s. - Nuclear power plant Dukovany	2013 - 2019
10	Conducting of design changes and its implementation in PCS control system (WDPF - Westinghouse) in nuclear power plant Temelín	ČEZ, a.s. - Nuclear power plant Temelín	2004 - 2019
11	Maintenance of full scope simulator in nuclear power plant Temelín	ČEZ, a.s. - Nuclear power plant Temelín	2000 - 2019
12	Conversion of algorithms from control system ZAT to control system Ovation, optimization, start-up and tuning of boilers K1- K6 and turbines TG1 - TG4 in power plant Mělník 1	ČEZ, a.s. - Power plant Mělník 1	2018 - 2019
13	Assessment of units abilities in power plant Pruněrov 1 for certification of ancillary service secondary power control and minute reserve available within 15 minutes	ČEZ, a.s. - Power plant Pruněrov 1	2010 - 2019
14	Control loops setting optimization and units ancillary services certification in power plant Pruněrov 1	ČEZ, a.s. - Power plant Pruněrov 1	2007 - 2019
15	Tušimice power plant terminal - modification for battery energy storage system (BESS) for providing balancing services	ČEZ, a.s. - Power plant Tušimice	2019
16	Guarantee measurement of battery energy storage system (BESS) in power plant Tušimice	ČEZ, a.s. - Power plant Tušimice	2019
17	Certification measurement of ancillary services island operation capability, black start capability and quick starting reserve in pumped storage plant Dalešice	ČEZ, a.s. - Pumped storage power plant Dalešice	2005 - 2019
18	Certification measurement of ancillary services island operation capability and black start capability in pumped storage plant Dlouhé Stráně	ČEZ, a.s. - Pumped storage power plant Dlouhé Stráně	2019
19	Certification measurement of ancillary services quick starting reserve in pumped storage power plant Štěchovice	ČEZ, a.s. - Pumped storage power plant Štěchovice	2007 - 2019



No.	Description	Object	Year
20	Feasibility Studies and certification measurements of balancing services aFRP and mFRP at virtual unit of HPP Vranov	E.ON Energie, a.s. - Hydro power plant Vranov	2018 - 2019
21	Set up of exhaust gases flow meter on FGD in power plant Dětmárovice	Elektrárna Dětmárovice, a.s. - Power plant Dětmárovice	2019
22	Verification of flowmeters of water and steam and check of balance water / steam on boiler VB4 in power plant Dětmárovice	Elektrárna Dětmárovice, a.s. - Power plant Dětmárovice	2019
23	Tuning of pressure controller on FGD in power plant Dětmárovice	Elektrárna Dětmárovice, a.s. - Power plant Dětmárovice	2018 - 2019
24	Tisová power plant terminal - implementation of secondary control controlled by Slovak TSO	Elektrárna Tisová, a.s. - Power plant Tisová	2019
25	Design, commissioning and optimization of boiler load and combustion control circuits for K2, K3, K5 a K6 boilers in power plant Opatovice	Elektrárny Opatovice, a.s. - Power plant Opatovice	2017 - 2019
26	Certification measurement of balancing services in power plant Opatovice	Elektrárny Opatovice, a.s. - Power plant Opatovice	2004 - 2019
27	Hydro power plants Gammelänge (Sweden) - tests relevant to Kaplan turbine during putting into operation	Fortum Generation AB - Hydro power plant Gammelänge (Sweden)	2019
28	Upgrade of Plzeňská teplotárenská power plant terminal	Plzeňská teplotárenská, a.s. - Heating station Plzeňská teplotárenská	2019
29	Connection of power plant terminal of Plzeňská teplotárenská with power plant Opatovice for controlling electrical power of Plzeňská teplotárenská from Opatovice dispatching	Plzeňská teplotárenská, a.s. - Heating station Plzeňská teplotárenská	2019
30	Connection of Plzeňská teplotárenská power plant terminal with Plzeňská Energetika power plant terminal	Plzeňská teplotárenská, a.s. - Heating station Plzeňská teplotárenská	2019
31	Balancing services certification measurement of FCP (primary control), aFRP (secondary control), mFRP (minute reserve available within t minutes) and island operation on units of CCPP Vřesová	Sokolovská uhelná, právní nástupce, a.s. - Combined cycle Vřesová	2001 - 2019
32	Vřesová power plant terminal - new electric power control of heating plant Vřesová	Sokolovská uhelná, právní nástupce, a.s. - Combined heat and power plant Vřesová	2019
33	Certification of balancing services in heating station Tamer Invest Kralupy	Tamer Invest, s.r.o. - Heating station Tamer Invest	2014 - 2019
34	Certification of balancing services aFRP and mFRP at virtual unit of heating station Otrokovice	Teplárna Otrokovice, a.s. - Heating station Otrokovice	2010 - 2019
35	Certification measurement of ancillary services primary control, secondary control and minute reserve available within 15 minutes in heating station Přerov	Veolia Energie ČR, a.s. - Heating station Přerov	2005 - 2019
36	Certification of ancillary service quick starting reserve available within 15 minutes in power plant Kolín-Zálabí	Veolia Energie Kolín, a.s. - Power plant Kolín	2010 - 2019
37	Delivery of DT-100 time displays for Praha-Ruzyně airport; renewal of delivered displays after 16 years of operation	Praha-Ruzyně airport	2002 - 2018
38	Delivery of GPSNTP time servers with active antenna	Argos Elektro, a.s.	2018



No.	Description	Object	Year
39	Power plant terminals modification in power plants Hodonín, Dětmárovice and Ledvice - support of local consumption powered directly from the power plant	ČEZ, a.s.	2018
40	Guarantee measurement of turbine control systems in hydro power plant Lipno 1	ČEZ, a.s. - Hydro power plant Lipno 1	2018
41	Guarantee measurement of Francis turbines TG1 and TG2 in hydro power plant Lipno I	ČEZ, a.s. - Hydro power plant Lipno I	2014 - 2018
42	Certification measurement of ancillary service black start capability in hydro power plant Orlík	ČEZ, a.s. - Hydro power plant Orlík	2013 - 2018
43	Ancillary services certification of secondary control and minute reserve available within 5 minutes at virtual unit hydro power plants Vltava	ČEZ, a.s. - Hydro power plants Vltava	2012 - 2018
44	The guarantee measurement of control systems parameters for chemical water treatment plant, coal handling, wastewater disposal, biological wastewater, rainwater pumping stations, gas station and reverse osmosis in new power source Ledvice	ČEZ, a.s. - New power source in Ledvice	2012 - 2018
45	Modification of full scope simulator based on changes made on Unit 1 in nuclear power plant Temelín	ČEZ, a.s. - Nuclear power plant Temelín	2016 - 2018
46	Certification measurement of ancillary service minute reserve available within 15 minutes on unit TG3 at power plant Hodonín	ČEZ, a.s. - Power plant Hodonín	2018
47	Certification measurement of ancillary service minute reserve available within 5 minutes on units TG3 and TG4 at pump storage hydro power plant Dalešice	ČEZ, a.s. - Pump storage hydro power plant Dalešice	2018
48	Certification measurement of ancillary services primary control and minute reserve available within 15 minutes at TG3 in heating station Olomouc	Dalkia Česká republika, a.s. - Heating station Olomouc	2005 - 2018
49	Delivery of power plant terminal for hydro power plant Vranov nad Dyjí	E.ON Energie, a.s. - Dispatching E.ON Brno	2017 - 2018
50	Certification measurement of ancillary services primary control, secondary control and minute reserve available within 15 minutes in power plant Dětmárovice	Elektrárna Dětmárovice, a.s. - Power plant Dětmárovice	2006 - 2018
51	Remote control of units B2 to B5 in island mode operation at power plant Počerady	Elektrárna Počerady, a.s. - Power plant Počerady	2018
52	Delivery of seriál interface convertors RSP2P, RSO2P and RSX8A	Elektrárny Opatovice, a.s.	2018
53	Delivery of GPSNTP time servers with active antenna and SW for synchronization	ELVAC PRAHA, s.r.o	2014 - 2018
54	Performance tests of Francis turbines in small hydro power plant Niedalino (Poland)	Energa Wytwarzanie S.A. - Small hydro power plant Niedalino (Poland)	2018
55	Performance tests of Francis turbines in small hydro power plant Zelkowo (Poland)	Energa Wytwarzanie S.A. - Small hydro power plant Zelkowo (Poland)	2018
56	Guarantee measurement of Kaplan turbine in small hydro power plant Podtureň (Slovakia)	ENENERGY, s.r.o. - Small hydro power plant Podtureň (Slovakia)	2018
57	Implementation of algorithms, realization, start-up, tuning and optimization of turbine control at steel factory Erdemir (Turkey)	Erdemir factory, OYAK Mining Metallurgy Group - Erdemir factory (Turkey)	2018
58	Identification measurement of Kaplan turbine before reconstruction in hydro power plant Gammelänge (Sweden)	Fortum Generation AB - Hydro power plant Gammelänge (Sweden)	2018

No.	Description	Object	Year
59	Hydro power plants Svarthalsforsen (Sweden) - tests relevant to Kaplan turbines during putting into operation	Fortum Generation AB - Hydro power plant Svarthalsforsen (Sweden)	2017 - 2018
60	Hydro power plant Vassinkoski (Sweden) - tests relevant to Francis turbine during putting into operation	Fortum Generation AB - Hydro power plant Vassinkoski (Sweden)	2018
61	Guarantee measurement of new turbine governors on pump storage plants Čierny Váh and Ružín and hydro power plants Trenčín Nosice and Kráľová (Slovakia)	INGOS, s.r.o.	2013 - 2018
62	Delivery of GPSNTP time servers with active antenna	INGOS, s.r.o.	2012 - 2018
63	Delivery of GPSNTP time servers with active antenna	JANČA V.M., s.r.o.	2014 - 2018
64	Delivery of GPSNTP time servers with active antenna	KAMAT spol. s r.o.	2017 - 2018
65	Feasibility study of ancillary services providing according to Grid Code on heating station Příbram, certification measurement of ancillary service and modification of plant terminal for the participation of ZETA Hot Water boiler heating station Příbram	Příbramská teplárenská, a.s. - Heating station Příbram	2013 - 2018
66	Remote control of units B1 to B4 in island mode operation at power plant Chvaletice	Sev.en EC, a.s. - Power plant Chvaletice	2018
67	Guarantee measurement of Kaplan turbine TG5 before rehabilitation in hydro power plant Gabčíkovo (Slovakia)	Slovenské elektrárny, a.s. - Hydro power plant Gabčíkovo (Slovakia)	2018
68	Flow determination of cooling water from tower 103 in nuclear power plant Jaslovské Bohunice (Slovakia)	Slovenské elektrárny, a.s. - Nuclear power plant Jaslovské Bohunice (Slovensko)	2018
69	Feasibility study elaborated according to Grid Code requirements, power plant terminal modification for primary control and certification of ancillary service primary control on turbosets in department Teplárna in combined heat and power plant Vřesová	Sokolovská uhelná, právní nástupce, a.s. - Heating station Vřesová	2014 - 2018
70	Delivery of GPSNTP time servers with active antenna	Telespoj, s.r.o.	2018
71	Certification measurement of ancillary services secondary power control and minute reserve available within 15 minutes in combined cycle and in virtual unit CCGP and Electrode Hot Water Boiler of heating station Červený Mlýn	Teplárny Brno, a.s. - Combined cycle heating station Červený Mlýn	2002 - 2018
72	Certification of ancillary service minute reserve available within 15 minutes on gas turbine of combined cycle Červený Mlýn	Teplárny Brno, a.s. - Combined cycle heating station Červený Mlýn	2006 - 2018
73	Hydro power plants Forsse (Sweden) - tests relevant to Kaplan turbine during putting into operation	Uniper SE - Hydro power plant Forsse (Sweden)	2018
74	Upgrade of Kolín power plant terminal	Veolia Energie Kolín, a.s. - Power plant Kolín	2018
75	Delivery of GPSNTP time servers with active antenna, surge protectors and power supply	AISE, spol. s r.o.	2009 - 2017
76	Project, realization, tuning and optimization of turbine control in power plant Albioma Le Moule, Guadeloupe (French Antilles)	Albioma - Albioma, Le Moule, Guadeloupe (French Antilles)	2016 - 2017
77	Delivery of GPSNTP time servers with active antenna, surge protectors and power supply	ALES, spol. s r.o.	2011 - 2017
78	Delivery of DT20-6 ethernet LED digital clock	ALES, spol. s r.o.	2011 - 2017
79	Grid Code modification - possibility of ancillary services provision on battery energy storage systems	ČEPS, a.s.	2017



No.	Description	Object	Year
80	Cyber security enhancing of selected ČEZ power plant terminals. Automatic remote control of units in island operation from TSO dispatch center - implementation into selected power plants	ČEZ, a.s.	2016 - 2017
81	Delivery of DT-100-4 and DT-100-6-E LED time displays	ČEZ, a.s.	2015 - 2017
82	Certification measurement of ancillary services in power plant Mělník 2	ČEZ, a.s. - Power plant Mělník 2	2015 - 2017
83	Remote control of units in island mode operation at Power plants Tušimice, Prunéřov, Ledvice	ČEZ, a.s. - Power plants Tušimice, Prunéřov, Ledvice	2016 - 2017
84	Delivery of GPSNTP time servers with active antenna	ELEC SYSTEM	2017
85	Control system exchange of power plant Detmarovice, automatic migration of control algorithms from Siemens Teleperm XP to Emerson Ovation DCS, checking, start up of unit and final tuning	Elektrárna Dětmarovice, a.s. - Power plant Dětmarovice	2016 - 2017
86	Certification measurement of ancillary services primary control, secondary control and minute reserve available within 5 and 15 minutes at units of Power Plant Počerady	Elektrárna Počerady, a. s. - Power Plant Počerady	2015 - 2017
87	Certification measurement of ancillary service island operation capability at Power plant Počerady	Elektrárna Počerady, a.s. - Power plant Počerady	2016 - 2017
88	Power plant Tisová terminal modification for implementation of energetics alert system TSO	Elektrárna Tisová a.s. - Power plant Tisová	2017
89	Power plant Tisová terminal modification for implementation of mechanism of automatic power reduction in Vítkov substation	Elektrárna Tisová a.s. - Power plant Tisová	2017
90	Remote control of unit B6 in island mode operation at Power plant Tisová	Elektrárna Tisová, a.s. - Power plant Tisová	2017
91	Remote control of combined heat and power units B1 and B2 in island mode operation at Power plant Vřesová	Elektrárna Vřesová - Combined heat and power plant Vřesová	2017
92	Delivery of LED time displays	Harris C4i Pty Ltd.	2017
93	Delivery of GNTP time servers with active antenna, delivery of LED time displays	iBross, s.r.o.	2017
94	Measurement of island operation testing in Lovochemie chemical factory	Lovochemie, a.s. - Lovochemie	2017
95	Power plant TEC-5 Charkov (Ukraine) - supply, installation and commissioning of Power plant Terminal, performance tests of automatic remote control from the Central Controller of Ukraine in Kiev (NEK dispatch center)	OAO DTEK Zakhidnergo - Power plant Charkov (Ukraine)	2015 - 2017
96	Power plant Dobrotvor (Ukraine) - supply, installation and commissioning of Power plant Terminal, performance tests of automatic remote control from the Central Controller of Ukraine in Kiev (NEK dispatch center)	OAO DTEK Zakhidnergo - Power plant Dobrotvor (Ukraine)	2013 - 2017
97	Power plant terminal modification of Plzeň heating plant - providing Chotíkov waste incinerator monitoring	Plzeňská teplárenská, a.s.	2016 - 2017
98	Power plant PPC Bratislava terminal and information system modification for cooperation PPC Bratislava in virtual unit A.E.S.	PPC Investments, a.s. - PPC Bratislava	2017
99	Delivery of GPSNTP time servers with active antenna, surge protectors and power supply	ProjectSoft HK, a.s.	2009 - 2017
100	Delivery of GPSNTP time servers with active antenna	SC-control s.r.o.	2017
101	Measurement by black start test Dlouhé Stráně (PSHPP) - Chvaletice	Sev.en EC, a.s. - Power Plant Chvaletice	2017
102	Optimization of on-cam correlation at Kaplan turbine in hydro power plant Bešeňová (Slovakia)	Slovenské elektrárne, a.s. - Bešeňová (Slovakia)	2017

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103	Power plant Vřesová terminal modification for implementation of energetics alert system TSO	Sokolovská uhelná, právní nástupce a.s. - Combined heat and power plant Vřesová	2017
104	Delivery of OS2N frequency/speed meters	Sokolovská uhelná, právní nástupce, a.s.	2014 - 2017
105	Study on suitability of ancillary services providing in heating station Tamero Invest, delivery of power plant terminal and certification of ancillary service minute reserve at gas turbine in heating station Tamero Invest Kralupy	Tamero Invest, s.r.o. - Heating station Tamero Invest	2014 - 2017
106	Certification measurement of ancillary services primary control, secondary control and minute reserve available within 15 minutes in power plant Třebovice	Veolia Energie ČR, a.s. - Power plant Třebovice	2017
107	Guarantee measurement of raw water pumps at water treatment plant Želivka before and after renovation	Želivská provozní, a.s. - Water treatment plant Želivka	2016 - 2017
108	Delivery of OS2N frequency/speed meters	C-Energy Bohemia, s.r.o.	2016
109	Study on extension of frequency deviation band to switch to island operation	ČEPS, a.s.	2016
110	ČEZ Power plant terminal upgrade	ČEZ, a.s.	2015 - 2016
111	Power plant terminal modification for reconstructed power plant units in Pruněřov 2	ČEZ, a.s.	2014 - 2016
112	Certification measurement of ancillary services primary control, secondary control and minute reserve available within 15 minutes at unit B21 of Power Plant Tušimice	ČEZ, a.s. - Power plant Tušimice	2016
113	Delivery of GPSNTP time servers with active antenna	Charvát Jaroslav, montáže a servis	2016
114	Delivery of GPSNTP time servers with active antenna	ČKD Elektrotechnika, a.s.	2016
115	Units guarantee measurement in hydro power plant Pembelik (Turkey)	Darenhes Elektrik Üretim A.S. - Hydro power plant Pembelik (Turjkey)	2016
116	Tuning and optimization of units B3 and B4 in power plant Dětmarovice after installation of denitrification measures (DeNOx)	Elektrárna Dětmarovice, a.s. - Power Plant Dětmarovice	2014 - 2016
117	Delivery of GPSNTP time servers with active antenna	Elektrocentrum Trading, spol. s r.o.	2016
118	Guarantee measurement of Kaplan turbines in small hydro power plant Štětí	Energeia, o.p.s. - Small hydro power plant Štětí	2014 - 2016
119	Guarantee measurement of Francis turbine in hydro power plant Atsi (Georgia)	Energo Pro, a.s. - Hydro power plant Atsi (Georgia)	2016
120	Hydro power plants Dönje (Sweden) - tests relevant to Kaplan turbine during putting into operation	Fortum Generation AB - Hydro power plant Dönje (Sweden)	2016
121	Delivery of GNTP time servers	Janča V.M., s.r.o.	2016
122	Implementation of steam turbine control algorithms for power plant Tula (Mexico)	Konsorcium COBRA + GrupoAvanzia + INITEC Energia - Power plant Tula (Mexico)	2016
123	Implementation of steam turbine control algorithms for power plant Empalme I (Mexico)	Konsorcium OHL Industrial + SENER - Power plant Empalme I (Mexico)	2016



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124	Power plant terminal modification of Plzeň heating plant - providing of ancillary service and electric power supply	Plzeňská teplárenský, a.s.	2015 - 2016
125	Power plant terminal modification of PPC Bratislava - providing of monitoring of heat supply from TG3 boiler.	PPC Energy, a.s.	2015 - 2016
126	Connetction power plant terminal with reconstructed voltage system control	Severní energetická, a.s.	2016
127	Delivery of GPSNTP time servers with active antenna and overvoltage protections	Severočeská hvězdárna a planetárium v Teplicích	2016
128	Optimization of on-cam correlation at Kaplan turbine in hydro power plants Tvrdošín and Ružín II (Slovakia)	Slovenské elektrárne, a.s. - Tvrdošín a Ružín II (Slovakia)	2016
129	Control systems guarantee measurement in Prackovice - Radejčín D8 highway tunnels	Spel, a.s.	2016
130	Power plant terminal upgrade of Otrokovice heating plant	Teplárna Otrokovice, a.s. - Heating plant Otrokovice	2015 - 2016
131	Certification of ancillary services secondary control and minute reserve available within 15 minutes at virtual unit of heating station Trmice	Teplárna Trmice, a.s. - Heating station Trmice	2010 - 2016
132	Project, realization, tuning and optimization of control algorithms of turbine DePretto in power plant Tozzi Sud Agritre, Sant'Agata (Italy)	Tozzi Sud Agritre, Srl. - Tozzi Sud Agritre, Sant'Agata di Puglia (Italy)	2015 - 2016
133	Identification measurement of Kaplan turbine before reconstruction in hydro power plant Forsse (Sweden)	Uniper - Hydro power plant Forsse (Sweden)	2016
134	Delivery of GPSNTP time servers with active antenna and overvoltage protections	ABB, s.r.o. (Slovensko)	2015
135	Delivery of GPSNTP time servers with active antenna	ANIRE, s.r.o.	2015
136	Delivery of GPSD (GPS central time system) with slave clock driver	ASE, s.r.o.	2015
137	Delivery of GPSNTP time server with active antenna and surge protectors	BTC Poland	2012 - 2015
138	Delivery of DT20-6G LED displays for air traffic control centers	C.D.K.K. Real	2015
139	Guarantee measurement of new control systems in pump storage hydro power plant Dalešice	ČEZ, a.s. - Pump storage hydro power plant Dalešice	2014 - 2015
140	Project, realization, tuning and optimization of control algorithms of turbine DePretto in power plant Edison, Sesto San Giovanni (Italy)	Edison, S.p.A. - Edison, Sesto San Giovanni (Italy)	2015
141	Delivery of DT-100-6-E LED time displays	ELZACO spol. s r.o.	2015
142	Performance tests of Francis turbines in small hydro power plant Strzegomino (Poland)	Energa Wytwarzanie S.A. - Small hydro power plant of Strzegomino (Poland)	2015
143	Optimization of on-cam correlation on Kaplan turbines in hydro power plants Hradištko, Kostomlátky, Smiřice and Mostišťe	Energo-Pro Czech, s.r.o. - Hydro power plants Hradištko, Kostomlátky, Smiřice and Mostišťe	2015
144	Identification measurement of Kaplan turbine before reconstruction in hydro power plant Svarthalforsen (Sweden)	Fortum Generation AB - Hydro power plant Svarthalforsen (Sweden)	2015
145	Delivery of GPSNTP time servers with active antenna	Gesto Computers, s.r.o.	2015
146	Units guarantee measurement in hydro power plant Beyhan I (Turkey)	Kalehan Enerji - Hydro power plant Beyhan I (Turjkey)	2015
147	Delivery of GNTP time servers	MOBIS, spol. s r.o.	2015



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148	Delivery of GNTP time servers	N.A.T.O STO CMRE (Itálie)	2015
149	Optimization of on-cam correlation on Kaplan turbines in small hydro power plant Kadaň	Povodí Ohře, s.p. - Small hydro power plant Kadaň	2014 - 2015
150	Unit TG4 guarantee measurement in hydro power plant Dolgarrog (Great Britain)	RWE Innogy Ltd - Hydro power plant Dolgarrog (Great Britain)	2015
151	Identification measurement of Francis turbine in small hydro power plant Mostiště	Severočeské vodovody a kanalizace, a.s. - Small hydro power plant Mostiště	2015
152	Delivery of GPSNTP time servers with active antenna and overvoltage protections	Siemens, s.r.o.	2015
153	Power supply of selected technology parts in heating station Olomouc with the assistance of TG2 of heating station Přerov	Veolia Energie ČR, a.s. - Heating stations Přerov and Olomouc	2015
154	Delivery of DT-100-8C-E LED time displays	Vojenský technický ústav, s.p.	2015
155	Delivery of GPSNTP time servers with active antenna and overvoltage protections	ZAT, a.s.	2015
156	Delivery of GPAS time logger modules	ZAT, a.s.	2015
157	Hydro power plant Noppikoski (Sweden) - tests relevant to Francis turbine during putting into operation	Hydro power plant Noppikoski (Sweden)	2014
158	Delivery of GNTP time servers with active antenna, surge protectors, power supply with DT20-6 LED displays for air traffic control centers	ALES, a.s.	2012 - 2014
159	Delivery of OS2N frequency/speed meters	ANDRITZ HYDRO, s.r.o.	2014
160	Heating station Planá nad Lužnicí - power plant terminal upgrade – support for providing of ancillary service secondary control	C-Energy Bohemia, s.r.o. - Heating station Planá nad Lužnicí	2014
161	Delivery of RTU units KIM for electrical work measurement system in power plant Opatovice and distribution station Mírovka	ČEZ Distribuce, a.s.	2014
162	Hydro system Resita guarantee measurement of pumping station and hydro power plants after rehabilitation (Romania)	ČEZ Romania - Hydro system Resita (Romania)	2013 - 2014
163	Test measurement of self-consumption feeding of nuclear power plant Temelin from hydro power plant Orlík	ČEZ, a.s. - Hydro power plant Orlík	2014
164	Certification of ancillary services on unit B11 in power plant Mělník 3	ČEZ, a.s. - Power plant Mělník 3	2014
165	Certification measurement of ancillary services primary control, secondary control, minute reserve and island operation in power plant Pruněřov 2	ČEZ, a.s. - Power plant Pruněřov 2	2003 - 2014
166	Control circuits tuning and units preparation for ancillary services certification in power plant Pruněřov 2	ČEZ, a.s. - Power plant Pruněřov 2	2001 - 2014
167	Guarantee measurement of new control system in small hydro power plant Mohelno	ČEZ, a.s. - Small hydro power plant Mohelno	2014
168	Certification of ancillary services primary control and minute reserve available within 15 minutes at heating station Karviná	Dalkia Česká republika, a.s. - Heating station Karviná	2010 - 2014
169	Delivery of GPSNTP time servers with active antenna and overvoltage protections	Ditcom, s.r.o.	2014
170	Guarantee measurement of Kaplan turbines in small hydro power plant Litoměřice	Dolnolabské elektrárny servis, s.r.o. - Small hydro power plant Litoměřice	2014



No.	Description	Object	Year
171	Modification of Power plant Terminal for combined cycle Malženice (Slovakia) to provide ancillary services on diesel generators for own consumption backup	E.ON Elektrárne, s.r.o. - Combined cycle Malženice (Slovakia)	2011 - 2014
172	Optimization of on-cam correlation on Kaplan turbine in small hydro power plant Knislinge (Sweden)	E.on Sverige Ab - Small hydro power plant Knislinge (Sweden)	2014
173	Delivery of GPSNTP time server with active antenna, overvoltage protections and SW for synchronization	EBIS, spol. s r.o.	2014
174	Performance tests of Francis turbine at hydro power plant Enchanet (France) including comparison of flow measurement by Gibson method and current meters	EDF - Hydro power plant Enchanet (France)	2014
175	Performance tests of Kaplan turbine at hydro power plant Salignac (France)	EDF - Hydro power plant Salignac (France)	2014
176	Performance tests of nine turbines at six hydro power plants of company Energa Wytwarzanie S.A. (Poland)	Energa Wytwarzanie S.A. - Hydro power plants of company Energa Wytwarzanie S.A. (Poland)	2014
177	Delivery of GPSNTP time servers with active antenna	ERA, a.s.	2014
178	Delivery of GPSNTP time servers with active antenna and overvoltage protections	FITCOM, s.r.o.	2014
179	Identification measurement of Kaplan turbine before reconstruction in hydro power plant Dönje (Sweden)	Fortum Generation AB - Hydro power plant Dönje (Sweden)	2014
180	Supervision of Kaplan turbine production in ŽďAS (Žďár nad Sázavou - Czech Republic) and Turbocare (Wroclaw - Poland) and technical assistance during site assembly process for power plant Gävunda (Sweden)	Fortum Generation AB - Hydro power plant Gävunda (Sweden)	2014
181	Guarantee measurement of Pelton turbines in small hydro power plant Arco Iris (Mexico)	GRUPO IRM - Small hydro power plant Arco Iris (Mexico)	2014
182	Delivery of compact set for water flow measurement by current meters	Hydrometrics, s.r.o.	2014
183	Delivery of GPSNTP time servers with active antenna	IKEA Centre Česká republika, s.r.o.	2014
184	Putting into operation of a backed-up system for acquisition and evaluation of electrometer data in power plant Opatovice including following HW and SW update	International Power Opatovice, a.s. - Power plant Opatovice	2004 - 2014
185	Implementation of steam turbine control algorithms for power plant Paco (Panama)	Minera Panamá - Power plant Paco (Panama)	2013 - 2014
186	Delivery of power plant terminal in heating station Kharkiv (Ukraine) - communication with Dispatch centre NEK Ukrenergo and NEK Northern Power Grid via protocol IEC - 870 - 5 - 101, communication with units control systems, measurement of switching station and time synchronization from GPS	PAO «Charkovská TEC-5» - TEC-5, Kharkiv, Ukraine	2014
187	Optimization of on-cam correlation on Kaplan turbine in small hydro power plant Nechranice	Povodí Ohře, s.p. - Small hydro power plant Nechranice	2014
188	Guarantee measurement of Francis turbine in small hydro power plant Ilarion (Greece)	PPC S.A. - Small hydro power plant Ilarion (Greece)	2014



No.	Description	Object	Year
189	Kaplan turbine guarantee measurement in small hydro power plant Dobšiná III (Slovakia)	Slovenské elektrárne, a.s. - Small hydro power plant Dobšiná III (Slovakia)	2014
190	Power plant terminal modification of CCGT Vřesová - providing of secondary control ancillary service for Slovak TSO SEPS	Sokolovská uhelná, právní nástupce, a.s. - Combined heat and power plant Vřesová	2014
191	Identification of heating station Otrokovice, feasibility study on providing ancillary service secondary power control, adaptation of power plant terminal for secondary power control and certification of secondary power control on unit TG2	Teplárna Otrokovice, a.s. - Heating station Otrokovice	2014
192	Flow determination at turbines of hydro power plants Tiszalök and Kisköre (Hungary)	Tiszavíz Vízerömu Kft - Hydro power plants Tiszalök and Kisköre (Hungary)	2014
193	Determinitaion of "Cskut" parameter according to regulation 453/2012 on biomass unit Sviadnov	Veolia Energie ČR, a.s. - Biomass unit Sviadnov	2014
194	Determinitaion of "Cskut" parameters according to regulation 453/2012 on turboset TG4 - heating station Karviná	Veolia Energie ČR, a.s. - Heating station Karviná	2014
195	Black start measurement of heating station Přerov	Veolia Energie ČR, a.s. - Heating station Přerov	2014
196	Project and implementation of control algorithms, start up and control loops tuning, handing over to customer - two units per 120 MW on power station Ambarli (Turkey)	Power plant Ambarli (Turkey)	2011 - 2013
197	Delivery of GPSNTP time servers with active antenna	ADEZ CZ, s.r.o	2013
198	Delivery of GNTP time server with active antenna	ALGE-TIMING Pflanzl GmbH	2013
199	Island mode of distribution system - influence analysis of distributed energy resources in the areas Neznášov south, Opočíněk, Ostrava and Přerov	ČEZ Distribuce, a.s.	2012 - 2013
200	Remote control of units in island operation - implementation into system RTISZ on the Central dispatch centre of ČEZ and selected ČEZ owned power plants	ČEZ, a.s.	2013
201	Modification of control system RTISZ (Central dispatch centre of ČEZ and all ČEZ power plant terminals) for redispatching support	ČEZ, a.s.	2013
202	Implementation of Automatics power reduce into the control system RTISZ on the Central dispatch centre of ČEZ and power plants Ledvice, Mělník 3 and GTCC plant Počerady	ČEZ, a.s.	2013
203	Heating station Trmice - Power plant Terminal modification for incorporation into the control system RTISZ on the Central dispatch centre of ČEZ	ČEZ, a.s. - Heating station Trmice	2013
204	Guarantee measurement of TG2 control system in hydro power plant Vrané	ČEZ, a.s. - Hydro power plant Vrané	2013
205	Determinitaion of "Cskut" parameters on turboset TG3 - heating station Olomouc and turbosets TG1+TG2 - heating station Přerov according to regulation 453/2012	Dalkia Česká republika, a.s.	2013
206	Delivery of information center for power plant Chvaletice - data and terminal function accessible via intranet and internet, support for production planning and evaluation, power supply control	Elektrárna Chvaletice, a.s. - Power plant Chvaletice	2013
207	Delivery and installation of GPSNTP and GNTP time servers with active antenna and delivery of NTP client (multilicence for 100 users). Time synchronization of client devices in technology network	Elektrárny Opatovice, a.s. - Power plant Opatovice	2008 - 2013



No.	Description	Object	Year
208	Delivery of GPSNTP time server with active antenna and overvoltage protections	ELEKTROVAT d.o.o. Beograd	2013
209	Delivery of GPSNTP time servers with active antenna	ELVAC PRAHA, s.r.o	2013
210	Guarantee measurement of Kaplan turbine in small hydro power plant Velký Osek	Hydropol Project and Management, a.s. - Small hydro power plant Velký Osek	2013
211	Guarantee measurement of Kaplan turbine in hydro power plant Gumati (Georgia)	Megawatt Servis, s.r.o. - Hydro power plant Gumati (Georgia)	2013
212	Delivery of GPSNTP time servers with active antenna	MND, a.s.	2013
213	Guarantee measurement of Kaplan turbine in small hydro power plant Tři Chaloupky	Pavel Jindra - Small hydro power plant Tři Chaloupky	2013
214	Optimization of on-cam correlation at Kaplan turbine in hydro power plants Hričov and Kráľová nad Váhom (Slovakia)	Slovenské elektrárne, a.s.	2013
215	Optimization of on-cam correlation at Kaplan turbine in hydro power plant Nosice (Slovakia)	Slovenské elektrárne, a.s. - Hydro power plant Nosice (Slovakia)	2013
216	Delivery and installation of 1 piece of GPSNTP time server with active antenna and delivery of NTP client (multilicence for 4 users)	SUMO, s.r.o.	2013
217	Delivery of GPSNTP time server with active antenna and surge protectors for power plant Dobrotvor (Ukraine)	Power plant Dobrotvor (Ukraine)	2012
218	Delivery of GNTN time servers with active antenna, surge protectors, power supply with DT20-6 LED displays for air traffic control centers	ALES, s.r.o.	2012
219	Proposal of certification methodology for newly defined ancillary service minute reserve available within t minutes and for ancillary service secondary control measurement in virtual unit Vltava including incorporation into the Grid Code	ČEPS, a.s.	2012
220	Delivery of software NTPD (NTP server) for Linux	Český Aeroholding, a.s.	2012
221	Island mode of distribution system - possibility of island mode in medium voltage networks	ČEZ Distribuce, a.s.	2012
222	Guarantee measurement of Kaplan turbine in small hydro power plant Pardubice	ČEZ Obnovitelné zdroje, s.r.o. - Small hydro power plant Pardubice	2012
223	Modification of control system RTISZ on the Central dispatch centre of ČEZ and all ČEZ owned power plants for ancillary services providing according to requirements the new Grid Code (2013)	ČEZ, a.s.	2012
224	Delivery of GPSNTP time server with active antenna and surge protectors for synchronisation of the UPS in power plant Počerady	ČEZ, a.s. - Power plant Počerady	2012
225	Delivery of Power plant terminal for GTCC plant Počerady	ČEZ, a.s. - Power plant Počerady	2011 - 2012
226	Delivery of PTIS (technical operation information system) for technical and economic assessment of power plant Tušimice operation	ČEZ, a.s. - Power plant Tušimice	2009 - 2012
227	Delivery and installation of coders KIM in ČEZ Distribuce	COFELY, a.s.	2012
228	Tuning of control circuits of boiler K3 in heating plant Olomouc	Dalkia Česká republika, a.s. - Heating plant Olomouc	2012
229	Heating station Olomouc - Power plant Terminal modification for ancillary services providing according to the new Grid Code (2013)	Dalkia Česká republika, a.s. - Heating station Olomouc	2012



No.	Description	Object	Year
230	Heating station Přerov - Power plant Terminal modification for ancillary services providing according to the new Grid Code (2013)	Dalkia Česká republika, a.s. - Heating station Přerov	2012
231	Delivery of GPSNTP time server with active antenna and surge protectors	DK-ELVIS, s.r.o.	2012
232	Implementation of control algorithms of steam turbine for power plant Dorad (Israel)	Dorad Energy, Ltd. - Power plant Dorad (Israel)	2012
233	Delivery of GPSNTP time server with active antenna and surge protectors for power plant Malženice (Slovakia)	E.ON Elektrárne, s.r.o. - Power plant Malženice (Slovakia)	2012
234	Hydro power plants Betsele (Sweden) - tests relevant to Kaplan turbine during putting into operation	E.ON Vattenkraft Sverige AB - Hydro power plant Betsele (Sweden)	2011 - 2012
235	Identification measurement of Kaplan turbine before reconstruction in hydro power plant Hällforsen (Sweden)	E.ON Vattenkraft Sverige AB - Hydro power plant Hällforsen (Sweden)	2012
236	Hydro power plants Hällforsen (Sweden) - tests relevant to Kaplan turbine during putting into operation	E.ON Vattenkraft Sverige AB - Hydro power plant Hällforsen (Sweden)	2012
237	Identification measurement of Kaplan turbine in small hydro power plant Owidz (Poland)	ENERGA Hydro Sp. z o.o. - Small hydro power plant Owidz (Poland)	2012
238	Feasibility study of operational possibilities of plant Energetika Třinec to provide ancillary services	Energetika Třinec, a.s. - Energetika Třinec	2012
239	Guarantee measurement of Kaplan turbine in small hydro power plant Smiřice	Energo-Pro Czech, s.r.o. - Small hydro power plant Smiřice	2012
240	Guarantee measurement of Kaplan turbines in small hydro power plant Miřejovice	Energo-Pro, a.s. - Small hydro power plant Miřejovice	2011 - 2012
241	Delivery of Power plant Terminal for power plant Mělník 1	Energotrans, a.s. - Power plant Mělník 1	2012
242	Certification of ancillary service minute reserve available within t minutes on gas turbine in power plant Prostějov	Gama Investment, a.s. - Gas turbine Prostějov	2012
243	Delivery of Power plant terminal for heating station Prostějov	Gama Investment, a.s. - Heating station Prostějov	2011 - 2012
244	Delivery of GPSNTP time servers with active antenna	KOJA, spol. s r.o.	2012
245	Delivery of GPSD (GPS central time system) for Prague Airport	Letiště Praha, a.s.	2012
246	Pelton turbines efficiency measurement of hydro power plant Dosnica (Macedonia)	MacHydro Project, a.d. - Hydro power plant Dosnica (Macedonia)	2012
247	Francis turbines efficiency measurement of hydro power plant Kalimanci (Macedonia)	MacHydro Project, a.d. - Hydro power plant Kalimanci (Macedonia)	2012
248	Kaplan turbines efficiency measurement of hydro power plant Matka (Macedonia)	MacHydro Project, a.d. - Hydro power plant Matka (Macedonia)	2012
249	Francis turbines efficiency measurement of hydro power plant Pena (Macedonia)	MacHydro Project, a.d. - Hydro power plant Pena (Macedonia)	2012



No.	Description	Object	Year
250	Pelton turbines efficiency measurement of hydro power plant Pesocani (Macedonia)	MacHydro Project, a.d. - Hydro power plant Pesocani (Macedonia)	2012
251	Pelton turbines efficiency measurement of hydro power plant Sapuncica (Macedonia)	MacHydro Project, a.d. - Hydro power plant Sapuncica (Macedonia)	2012
252	Power plant Dobrotvor (Ukraine) - project of Power plant Terminal	OAO DTEK Zakhidnergo - Power plant Dobrotvor (Ukraine)	2012
253	Delivery of GPSNTP time servers with active antenna	ORGREZ, a.s.	2012
254	Heating station Plzeňská teplárenská - Power plant Terminal modification for ancillary services providing according to the new Grid Code (2013)	Plzeňská teplárenská, a.s. - Heating station Plezeňský teplárenská	2012
255	Optimization of on-cam correlation at Kaplan turbine in small hydro power plant České Údolí	Povodí Vltavy, s.p. - Small hydro power plant České Údolí	2012
256	Guarantee measurement of Kaplan turbine in small hydro power plant Agia Barbara (Greece)	Power Public Corporation of Greece - Small hydro power plant Agia Barbara (Greece)	2012
257	Guarantee measurement of governors in hydro power plant Gabčíkovo (Slovakia)	Slovenské elektrárne, a.s. - Hydro power plant Gabčíkovo (Slovakia)	2011 - 2012
258	Guarantee measurement of governors in hydro power plant Lipovec (Slovakia)	Slovenské elektrárne, a.s. - Hydro power plant Lipovec (Slovakia)	2012
259	Optimization of on-cam correlation at Kaplan turbine in hydro power plants Madunice and Nové Mesto nad Váhom (Slovakia)	Slovenské elektrárne, a.s. - Hydro power plants Madunice and Nové Mesto nad Váhom (Slovakia)	2012
260	Optimization of on-cam correlation at Kaplan turbine in hydro power plants Považská Bystrica and Mikšová (Slovakia)	Slovenské elektrárne, a.s. - Hydro power plants Považská Bystrica and Mikšová (Slovakia)	2011 - 2012
261	CCPP Vřesová - Power plant Terminal modification for ancillary services providing according to the new Grid Code (2013)	Sokolovská uhelná, právní nástupce, a.s. - Combined heat and power plant Vřesová	2012
262	Implementation of boiler control algorithms in heating station Košice (Slovakia)	Teplárna Košice, a.s. - Heating station Košice (Slovakia)	2011 - 2012
263	Heating station Červený Mlýn (Teplárny Brno) - power plant Terminal modification for ancillary services providing according to the new Grid Code (2013)	Teplárny Brno, a.s. - Heating station Červený mlýn	2012
264	Delivery of GPSNTP time servers with active antenna	Unimerex, s.r.o.	2012
265	Guarantee measurement of Kaplan turbine in small hydro power plant Dobrohošť (Slovakia)	Vodohospodárska výstavba, š.p. - Small hydro power plant Dobrohošť (Slovakia)	2012
266	Delivery of Gntp time servers with active antenna, surge protectors and power supply	ALES, spol. s r.o.	2011
267	Feasibility study of unit remote control in island operation	ČEPS, a.s.	2011



No.	Description	Object	Year
268	Island mode of distribution system - influence study of distributed energy resources	ČEZ Distribuce, a.s.	2011
269	Hydro system Resita identification measurement of pumping station and hydro power plants before rehabilitation (Romania)	ČEZ Romania - Hydro system Resita (Romania)	2011
270	Feasibility study of changes in ancillary services from January 2013 for ČEZ Central dispatch center and Power plants Terminals	ČEZ, a.s.	2011
271	Delivery of GPSD (GPS central time system) with slave clock driver	ČEZ, a.s. - Hydro power plant Štěchovice	2011
272	Control of cooling water flow in power plant Chvaletice - control algorithm design, implementation and operational setup	ČEZ, a.s. - Power plant Chvaletice	2009 - 2011
273	Tuning of boiler control loops in power plant Dětmárovice	ČEZ, a.s. - Power plant Dětmárovice	2003 - 2011
274	Delivery of GPSNTP time servers with active antenna	ČEZ, a.s. - Power plant Dětmárovice	2011
275	Delivery of GPSNTP time servers with active antenna and power supply	ČEZ, a.s. - Power plant Prunéřov	2011
276	Guarantee measurement of unit B22 boiler dynamic properties after equipment modernization	ČEZ, a.s. - Power plant Prunéřov 2	2011
277	Delivery of Power plant Terminal for combined cycle Malženice (Slovakia), implementation of support to provide ancillary services, power supply control, measuring and evaluation of gas consumption	E.ON Elektrárne, s.r.o. - Combined cycle Malženice (Slovakia)	2011
278	Delivery of information center for combined cycle Malženice (Slovakia) - data and terminal function accessible via intranet and internet, support for production planning and evaluation	E.ON Elektrárne, s.r.o.. - Combined cycle Malženice (Slovakia)	2011
279	Identification measurement of Kaplan turbine before reconstruction in hydro power plant Betsele (Sweden)	E.ON Vattenkraft Sverige AB - Hydro power plant Betsele (Sweden)	2011
280	Guarantee measurement of Kaplan turbine in small hydro power plant Víř II	E.ON, a.s. - Small hydro power plant Víř II	2011
281	Power plant terminal delivery, technical cooperation during realization and certification of ancillary service tertiary control in power plant Kolín	Elektrárna Kolín a.s. - Power plant Kolín	2007 - 2011
282	Performance tests of Francis turbines at hydro power plant Santa Barbara (Nicaragua)	Enel Nicaragua - Hydro power plant Santa Barbara (Nicaragua)	2011
283	Feasibility study of dispatch centers for renewable energy resources	Euroenergy, spol. s r.o.	2011
284	Upgrade of Power plant Terminal in combined cycle Bratislava (Slovakia) after new power unit construction	PPC Energy, a.s. - Combined cycle Bratislava (Slovakia)	2010 - 2011
285	Upgrade of Power plant Terminal and information center in Combined cycle Bratislava (Slovakia) to fulfil ancillary service requirements (tertiary power control available within 10 minutes)	PPC Power, a.s., PPC Energy a.s. - Combined cycle Bratislava (Slovakia)	2011
286	Shutdown tests on water supply pipe at waterworks Káraný	Pražské vodárny, s.p. - Water company Káraný	2011
287	Status identification of boiler technology in Power plant Deva (Romania)	S.C. Electrocentrale Deva S.A. - Power plant Deva (Romania)	2011
288	Delivery of GPSNTP time servers with active antenna, surge protectors and power supply	Siprin, spol. s r.o.	2011
289	Optimization of on-cam correlation at Kaplan turbine in hydro power plant Orava (Slovakia)	Slovenské elektrárne, a.s. - Hydro power plant Orava (Slovakia)	2011



No.	Description	Object	Year
290	Measurement of pressure, vibration and noise at polyjet of hydro power plant Trollheim (Norway)	Statkraft Energi AS - Hydro power plant Trollheim (Norway)	2010 - 2011
291	Duplication of Power plant Terminal in heating station Trmice	Teplárna Trmice, a.s. - Heating station Trmice	2011
292	Duplication of Power plant Terminal in heating station Červený mlýn	Teplárny Brno, a.s. - Heating station Červený mlýn	2011
293	Hydro power plants Eldforsen (Sweden) - tests relevant to Kaplan turbine during putting into operation	Hydro power plant Eldforsen (Sweden)	2010
294	Pressure and vibration measurement in the water spray sealing of hydro power plant Josefův Důl	Hydro power plant Josefův Důl	2010
295	Hydro power plant Poechos (Peru) - tests relevant to Kaplan turbines during putting into operation	Hydro power plant Poechos (Peru)	2010
296	Delivery of power plant terminal to provide ancillary service quick starting reserve available within 15 minutes for heating station Planá nad Lužnicí	AES Bohemia spol. s r.o. - Heating station Planá nad Lužnicí	2010
297	Delivery of 1 piece of GPSNTP time server with active antenna	Autocont CZ, a.s.	2010
298	Island mode of distribution systems - technical specification of active separation of islands for areas Neznášov south, Neznášov north, Opočíněk, Přerov and Lískovec	ČEZ Distribuce, a.s.	2009 - 2010
299	Optimization of on-cam correlation on Kaplan turbine, turboset vibration and noise measurement in small hydro power plant Hracholusky	ČEZ Obnovitelné zdroje, s.r.o. - Small hydro power plant Hracholusky	2010
300	Guarantee measurement of Kaplan turbine in small hydro power plant Kníničky	ČEZ Obnovitelné zdroje, s.r.o. - Small hydro power plant Kníničky	2010
301	Optimization of on-cam correlation at Kaplan turbine in small hydro power plant Předměřice	ČEZ Obnovitelné zdroje, s.r.o. - Small hydro power plant Předměřice	2010
302	Guarantee measurement of Kaplan turbines in small hydro power plant Spytihněv	ČEZ Obnovitelné zdroje, s.r.o. - Small hydro power plant Spytihněv	2009 - 2010
303	Upgrade of control system KOTEL in Dispatch Center ČEZ and upgrade of power plant terminals to provide for ancillary service according to conditions for year 2011 (quick starting reserve available within 15 minutes, asymmetric secondary power control, diagram changes during ancillary services providing)	ČEZ, a.s.	2010
304	Extension of presentation layer technology in an intranet environment of ČEZ for data display of commercial activities	ČEZ, a.s.	2010
305	Determination of turbo-set operation diagram in hydro power plant Slapy	ČEZ, a.s. - Hydro power plant Slapy	2003 - 2010
306	Energetic parameters measurement and judgment of ceramic coating ARC 32 influence in cooling water pump in power plant Chvaletice	ČEZ, a.s. - Power plant Chvaletice	2009 - 2010
307	Diagnostics of reasons of high carbon content in fly ash in power plant Dětmárovice	ČEZ, a.s. - Power plant Dětmárovice	2010
308	Proposal, modification and tuning of control circuits for transition of units Pruněřov 1 from turbine-follow mode into boiler-follow mode operation.	ČEZ, a.s. - Power plant Pruněřov 1	2002 - 2010
309	Migration of control system (WDPF II to Ovation) of units B21 and B22 in power plant Pruněřov 2 – system migration, put into operation, start-up	ČEZ, a.s. - Power plant Pruněřov 2	2010

No.	Description	Object	Year
310	Control of cooling water flow in power plant Tušimice - design of control algorithm	ČEZ, a.s. - Power plant Tušimice	2010
311	Governor tests of reverse Francis turbines before and after control system replacement in pump storage plant Dlouhé Stráně	ČEZ, a.s. - Pumped storage power plant Dlouhé Stráně	2007 - 2010
312	Feasibility study of operating options of heating station Karviná to provide ancillary services and Study on possible configurations of virtual unit according to Grid Code	Dalkia Česká republika, a.s. - Heating station Karviná	2010
313	Terminal duplication of heating station Karviná and preparation for direct connection to ČEPS Dispatch Center.	Dalkia Česká republika, a.s. - Heating station Karviná	2010
314	Upgrade of heating stations Olomouc and Přerov terminals to provide ancillary service "quick starting reserve available within 15 minutes"	Dalkia Česká republika, a.s. - Heating station Olomouc, Heating station Přerov	2010
315	Upgrade of plant Kolin terminal to provide ancillary service "quick starting reserve available within 15 minutes"	Dalkia Kolín, a.s. - Power plant Kolín	2010
316	Guarantee measurement of Francis turbines in small hydro power plant Soběnov	E.ON Trend s.r.o. - Small hydro power plant Soběnov	2009 - 2010
317	Identification measurement of Francis turbines before reconstruction in hydro power plant Lapino (Poland)	ENERGA Elektrownie Straszyn Sp. z o.o. - Small hydro power plant Lapino (Poland)	2010
318	Guarantee measurement of Francis turbines in small hydro power plant Meziboří	Energo-Pro Czech, s.r.o. - Hydro power plant Meziboří	2010
319	Guarantee measurement of Pelton turbines (thermodynamics method) and governors in hydro power plant Zrnovci (Macedonia)	MacHydro Project, a.d. - Hydro power plant Zrnovci (Macedonia)	2010
320	Guarantee measurement of Kaplan and Francis turbines in small hydro power plant Nymburk	MVE Hydro, s.r.o. - Small hydro power plant Nymburk	2010
321	Guarantee measurement of Francis turbines in small hydro power plant Ampelgading (Indonesia)	PLN Indonesia - Hydro power plant Ampelgading (Indonesia)	2010
322	Connection of newly built unit for biomass combustion (Plzeňská teplárenská) to terminal of heating station Plzeň	Plzeňská teplárenská, a.s. - Heating station Plzeň	2010
323	Guarantee measurement of Kaplan turbine in small hydro power plant Troja	Povodí Vltavy, s.p. - Small hydro power plant Troja	2010
324	Feasibility study of ancillary services providing according to Grid Code for Příbramská teplárenská and certification measurement of ancillary service "primary control" in heating station Příbram	Příbramská teplárenská, a.s. - Heating station Příbram	2009 - 2010
325	Guarantee measurement of Kaplan turbine in small hydro power plant Labská	První ekologická, a.s. - Small hydro power plant Labská	2010
326	Guarantee measurement of Kaplan turbine in small hydro power plant Rendelstein (Italy)	Rendelstein GmbH - Small hydro power plant Rendelstein (Italy)	2010
327	Exchange of combustion turbine GE control system in power plant Fellside (Great Britain) – reimplementation of algorithms	Sellafield CHP, Ltd. - Power plant Fellside	2009 - 2010



No.	Description	Object	Year
328	Optimization of on-cam correlation at Kaplan turbine in hydro power plant Kostolná (Slovakia)	Slovenské elektrárne, a.s. - Hydro power plant Kostolná (Slovakia)	2010
329	Delivery of power plant terminal and certification of ancillary service tertiary power control at virtual unit of heating station Teplárna Otrokovice	Teplárna Otrokovice, a.s. - Heating station Otrokovice	2009 - 2010
330	Upgrade of heating station Trmice terminal to provide ancillary service "quick starting reserve available within 15 minutes"	Teplárna Trmice, a.s. - Heating station Trmice	2010
331	Project of power plant terminal for newly built peak power plant Brno - North	Teplárny Brno, a.s.	2010
332	Guarantee measurement of low-head Kaplan turbines before and after reconstruction in hydro power plant Tiszalök	Tiszavíz Vízerömu Kft - Hydro power plant Tiszalök (Hungary)	2004 - 2010
333	Delivery of 1 piece of GPSNTP time server with active antenna	University of California, Santa Barbara (USA)	2010
334	Guarantee measurement of Kaplan turbines in small hydro power plant Penz (Austria)	VAEE - Small hydro power plant Penz (Austria)	2010
335	Optimization of on-cam correlation on Kaplan turbine in hydro power plant Lakatnik (Bulgaria)	VEZ SVOGHE - Small hydro power plant Lakatnik (Bulgaria)	2010
336	Upgrade of power plant Burštýn (the Ukraine) terminal with redundancy of all units and installation GPSD for time synchronization	Zakhidenergo - Power station Burštýn (the Ukraine)	2010
337	Delivery of 1 piece of GPSNTP time server with active antenna	Astronomický ústav AV ČR, v.v.i.	2009
338	Modification of control system KOTEL in Dispatch centre of ČEZ for control of nett energy delivery error of ČEZ, a.s.	ČEZ, a.s.	2009
339	Connection of power plant terminals to nett energy trade measurement in ČEZ, a.s.	ČEZ, a.s.	2009
340	Miniterminal instalation for heating plant Dvur Kralove nad Labem monitoring by CEZ Dispatch Center	ČEZ, a.s. - Heating station Dvůr Králové nad Labem	2009
341	Energetic parameters measurement and judgment of ceramic coating ARC 32 influence in cooling water pump in nuclear power plant Dukovany	ČEZ, a.s. - Nuclear power plant Dukovany	2008 - 2009
342	Cooling pump operation control in power plant Dětmárovice	ČEZ, a.s. - Power plant Dětmárovice	2006 - 2009
343	Study on possibilities of ancillary services control changes and their testing in power plant Počerady	ČEZ, a.s. - Power plant Počerady	2009
344	Turboset vibration and noise measurement before reconstruction in small hydro power plant Kníničky	ČEZ, a.s. - Small hydro power plant Kníničky	2009
345	Efficiency and flow measurement of Kaplan turbine in small hydro power plant Lipno II	ČEZ, a.s. - Small hydro power plant Lipno II	2009
346	Power plant terminals modification in heating stations Olomouc, Přerov and Ústí nad Labem for cooperation with Damas Energy systém	Dalkia Česká republika, a.s. - Heating station Olomouc, Heating station Přerov, Heating station Ústí nad Labem	2009
347	Preparation of TG5 in Dalkia Kolín to provide ancillary service "primary power control"	Dalkia Kolín, a.s. - Power plant Kolín	2009
348	Preparation of virtual unit Dalkia Ústí nad Labem to provide ancillary service secondary power control including certification of this ancillary service in certain operation modes of virtual unit	Dalkia Ústí nad Labem, a.s. - Heating station Trmice	2009



No.	Description	Object	Year
349	Duplication of communication processor of power plant Opatovice because of reliability increase	Elektrárny Opatovice, a.s. - Power plant Opatovice	2009
350	Guarantee measurement in hydro power plants Hradištko and Kostomlátky	Energo-Pro Czech, s.r.o. - Hydro power plants Hradištko and Kostomlátky	2007 - 2009
351	Delivery of 1 piece of GPSNTP time servers with active antenna and power supply	Landis&Gyr, s.r.o.	2009
352	Guarantee measurement of Pelton turbines using thermodynamics method, measurement of generator loss in hydro power plant Došnica	MacHydro Project, a.d. - Hydro power plant Došnica (Macedonia)	2009
353	Guarantee measurement of Pelton turbines using thermodynamics method, measurement of generator loss in hydro power plant Sapunčica	MacHydro Project, a.d. - Hydro power plant Sapunčica (Macedonia)	2009
354	Turboset noise measurement in small hydro power plant Nymburk	MVE - HYDRO s.r.o. - Small hydro power plant Nymburk	2009
355	Turboset noise measurement in small hydro power plant Kostelec nad Labem	Rida Consulting, a.s. - Small hydro power plant Kostelec nad Labem	2009
356	Control system replacement of combustion turbine Fiat in power plant Al Jouf (Saudi Arabia) - algorithm implementation and setting into operation	SEC - Al Jouf Power plant (Saudi Arabia)	2008 - 2009
357	Control system replacement of combustion turbines GEC Alsthom in power plant Arar (Saudi Arabia) - setting into operation	SEC - Al Jouf Power plant (Saudi Arabia)	2009
358	Control system replacement of combustion turbine GE in power plant Makkah (Saudi Arabia) - algorithm implementation and setting into operation	SEC - Makkah Power plant (Saudi Arabia)	2007 - 2009
359	Judgement on turboset load decrease of pumped storage power plant Čierny Váh	Slovenské elektrárne, a.s. - Pumped storage power plant Čierny Váh (Slovakia)	2009
360	Guarantee measurement of Kaplan turbine in small hydro power plant Hracholusky	Strojírny Brno, a.s. - Small hydro power plant Hracholusky	2009
361	Guarantee measurement of Kaplan turbines in small hydro power plant Lakatnik and Svrajten (Bulgaria)	VEZ SVOGHE - Small hydro power plant Lakatnik and Svrajten (Bulgaria)	2009
362	Delivery of 4 pieces of GPSNTP time servers with active antenna and power supply	Vodafone Czech Republic, a.s.	2009
363	Delivery of 1 piece of GPSNTP time server with active antenna	ZAT, a.s.	2009
364	Analyse of possibilities and conditions of ancillary services providing in heating station Zlín	Atel Zlín, s.r.o. - Heating station Zlín	2008
365	Island mode of distribution system - specification of islands selected for active island setting up during troubles in electric power system	ČEZ Distribuce, a.s.	2008
366	Modification of control system KOTEL (Dispatch centre of ČEZ) for balancing of produced energy in trading interval	ČEZ, a.s.	2008
367	Simulator for Dispatch centre of ČEZ. It provides staff training and proving of control system KOTEL algorithms. The simulator includes the complete models of the control system, connected power plant terminals and production technology	ČEZ, a.s.	2008



No.	Description	Object	Year
368	Certification measurement of ancillary services "island operation capability", "black start capability" and "quick starting reserve" in hydro power plant Orlík	ČEZ, a.s. - Hydro power plant Orlík	2006 - 2008
369	Continual measurement of amount of cooling water from Labe river for power plant Melník	ČEZ, a.s. - Power plants Melník	2008
370	Connection of terminals of power plants Pruněřov 1 and Pruněřov 2 with voltage node control system in Hradec u Kadaně. It provides remote voltage control from power plants and monitoring from Dispatch centre ČEZ	ČEZ, a.s. - Power plants Pruněřov	2008
371	Monitoring of power plant operation from Dispatch centre of ČEZ for power plants Skawina and Chorzow (both Poland) - instalation of miniterminals	ČEZ, a.s. - Power plants Skawina a Chorzow (Poland)	2008
372	Compliance test and guarantee measurement of control circuits in pumped-storage power plant Dalešice	ČEZ, a.s. - Pumped storage power plant Dalešice	2003 - 2008
373	Turbo-set guarantee measurement in pumped-storage power plant Dalešice	ČEZ, a.s. - Pumped storage power plant Dalešice	2003 - 2008
374	Feasibility study of black start in heating station Přerov	Dalkia Česká republika, a.s. - Heating station Přerov	2008
375	Proposal of island operation of heating station Přerov, technical cooperation during modification and test of island operation (self-consumption of heating station)	Dalkia Česká republika, a.s. - Heating station Přerov	2006 - 2008
376	Study on possibilities of operational extension to provide ancillary services for Dalkia ČR, department Ústí nad Labem	Dalkia Česká republika, a.s. - Heating station Trmice	2007 - 2008
377	Guarantee measurement in hydro power plant Kroměříž – Strž	Energo-Pro Czech, s.r.o. - Hydro power plant Kroměříž - Strž	2005 - 2008
378	Guarantee measurement of Pelton turbines and generator losses measurement in hydro power plant Patikari	Energy Infratech PVT. LTD. - Hydro power plant Patikari (India)	2008
379	Supervision of Kaplan turbine production in ČKD Blansko for power plant Eldforsen (Sweden)	Fortum Generation AB - Hydro power plant Eldforsen (Sweden)	2008
380	Guarantee measurement of Francis turbines and governors in hydro power plant Concepción	Ismus CE - Hydro power plant Concepción (Panama)	2008
381	Guarantee measurement of Kaplan turbines and governors and generator losses measurement in hydro power plant Matka II	MacHydro Project, a.d. - Hydro power plant Matka (Macedonia)	2008
382	Guarantee measurement of Pelton turbines and governors and generator losses measurement in hydro power plant Pesocani	MacHydro Project, a.d. - Hydro power plant Pesocani (Macedonia)	2008
383	Guarantee measurement of Pelton turbines and governors and generator losses measurement in hydro power plant Sapuncica	MacHydro Project, a.d. - Hydro power plant Sapuncica (Macedonia)	2008
384	Delivery of 5 pieces of GPSNTP time servers with active antenna and power supply	Národní bezpečnostní úřad ČR	2008

No.	Description	Object	Year
385	Software and hardware upgrade for terminal of power plant Burštýn (Ukraine) - communication with Dispatch centre RDC Lvov via protocol IEC - 870 - 5 - 104, automatic stand-by of control units, frequency measurement and time synchronization from GPS	OAO Zachidenergo - Power plant Burštýn (the Ukraine)	2002 - 2008
386	Guarantee measurement of axial Kaplan turbine in small hydro power plant Rozkoš	Povodí Labe, s.p. - Small hydro power plant Rozkoš	2008
387	Optimization of on-cam correlation on Kaplan turbines in hydro power plant Líšný	TEODICEA, spol. s r.o. - Hydro power plant Líšný	2007 - 2008
388	Study on possibilities of black start in combined cycle heating station Červený mlýn	Teplárny Brno, a.s. - Combined cycle heating station Červený mlýn	2007 - 2008
389	Island mode of distribution systems - solution philosophy and assessment of technical and operational conditions of plants	ČEZ Distribuce, a.s.	2007
390	Reconstruction of plant data damaged by server failure or by communication failure between power plants and dispatcher center ČEZ in Wonderware Historian	ČEZ, a.s.	2007
391	Terminals modification of power plant ČEZ for Integrated dispatcher system of Transmission System Operator	ČEZ, a.s.	2007
392	Voltage control system modification for remote setpoint adjusting in voltage junction in power plants Temelín, Dukovany, Počeradý, Chvaletice and Dlouhé Stráně	ČEZ, a.s.	2002 - 2007
393	Updating hydro power plants data lists according to the actual state	ČEZ, a.s.	2003 - 2007
394	Measurement of emergency valve stroke in hydro power plant Orlík	ČEZ, a.s. - Hydro power plant Orlík	2007
395	Delivery of GPS time centers and DA20-8 displays for the renovation of the control system in nuclear power plant Dukovany	ČEZ, a.s. - Nuclear power plant Dukovany	2000 - 2007
396	Terminals modification of power plant Dalkia Czech Republic for Integrated dispatcher system in Transmission System Operator	Dalkia Česká republika, a.s.	2007
397	Study on suitability of ancillary services providing in power plant Kolín, Study on operating possibilities and Study of possible operating configurations and variations in power plant Kolín for ČEPS, a.s.	Elektrárna Kolín a.s. - Power plant Kolín	2007
398	Identification measurement of Francis turbine before reconstruction in hydro power plant Meziboří	Energo-Pro Czech, s.r.o. - Hydro power plant Meziboří	2007
399	Identification measurement of Francis turbine in hydro power plant Seč	Energo-Pro Czech, s.r.o. - Hydro power plant Seč	2007
400	Communication Processor delivery for power plant Opatovice	International Power Opatovice, a.s. - Power plant Opatovice	2000 - 2007
401	Communication processor extension in power plant Opatovice for monitoring of substation 110 kV from Dispatcher centre of ČEZ Distribuce, a.s.	International Power Opatovice, a.s. - Power plant Opatovice	2007
402	Delivery of backed-up dispatcher graphic system (DIGRAST) and backed-up energy measurement system for Jihočeská energetika company	JČE, a.s.	2000 - 2007
403	Guarantee measurement of Francis turbines and governors and generator losses measurement in hydro power plant Pena	MacHydro Project, a.d. - Hydro power plant Pena (Macedonia)	2007
404	Delivery of Power plant terminal for Paroplynový cyklus (PPC), Bratislava, implementation of power supply control, gas consumption measuring and evaluation	Paroplynový cyklus, a.s. - Combined cycle Bratislava (Slovakia)	2006 - 2007



No.	Description	Object	Year
405	Delivery of information center for Paroplynový cyklus Bratislava - making datas and terminal function accessible via intranet and internet	Paroplynový cyklus, a.s. - Combined cycle Bratislava (Slovakia)	2007
406	Kaplan turbine guarantee measurement in hydro power plant Orava	Slovenské elektrárne, a.s. - Hydro power plant Orava (Slovakia)	2006 - 2007
407	Study on operating feasibilities for ancillary services providing for heating plant Otrokovice	Teplárna Otrokovice a.s. - Heating station Otrokovice	2007
408	Study of own-consumption determination for evaluation of supplied control power	ČEPS, a.s.	2006
409	Delivery of Presentation Layer for technology data presentation in intranet of company ČEZ, Plc.	ČEZ, a.s.	2004 - 2006
410	Control circuit tests and on-cam optimization of Kaplan turbine in hydro power plant Lipno II	ČEZ, a.s. - Hydro power plant Lipno II	2006
411	Creation and testing of procedure for supervision and execution of control system algorithm modification in nuclear power plant Temelín	ČEZ, a.s. - Nuclear power plant Temelín	2002 - 2006
412	Connection between Power plant Terminal and voltage control system for tertiary voltage control implementation in power plant Mělník 3	ČEZ, a.s. - Power plants Mělník	2006
413	Power unit examination before certification measurement of "primary, secondary and tertiary power control" and "island operation capability" in power plant Tisová 2	ČEZ, a.s. - Power plants Tisová	2006
414	Turbine guarantee measurement before and after reconstruction in pumped-storage power plant Dalešice	ČEZ, a.s. - Pumped storage power plant Dalešice	2000 - 2006
415	Francis turbine guarantee measurement in small hydro power plant Les Království	ČEZ, obnovitelné zdroje, s.r.o. - Hydro power plant Les Království	2006
416	Communication Processor delivery for Energetika Vítkovice company	Energetika Vítkovice, a.s. - Energetika Vítkovice	2006
417	Proposal of airflow control aimed at limitation of NOx emission in power plant Mělník 1	Energotrans, a.s. - Power plant Opatovice	2005 - 2006
418	Study on black start capability for power plant Opatovice	International Power Opatovice, a.s. - Power plant Opatovice	2006
419	Measurement of turbo-set efficiency and penstock losses in small hydro power plant Sapunčica	MacHydro Project AD - Hydro power plant Sapunčica (Macedonia)	2006
420	Guarantee measurement of Francis turbines and control circuits in hydro power plant Kalimanci	MacHydro Project, a.d. - Hydro power plant Kalimanci (Macedonia)	2006
421	Francis turbine efficiency measurement and collection of data for reconstruction of hydro power plant Matka	MacHydro Project, a.d. - Hydro power plant Matka (Macedonia)	2006
422	Francis turbine efficiency measurement before reconstruction in hydro power plant Pena (Macedonia)	MacHydro Project, a.d. - Hydro power plant Pena (Macedonia)	2006
423	Pelton turbine efficiency measurement before reconstruction in hydro power plant Pesocani (Macedonia)	MacHydro Project, a.d. - Hydro power plant Pesocani (Macedonia)	2006
424	Pressure conditions tests in penstock of water plant Křižanovice – Práčov	Povodí Labe, s.p. - Water plant Křižanovice - Práčov	2006



No.	Description	Object	Year
425	Kaplan turbine guarantee measurement in hydro power plant Vraňany	Povodí Vltavy, s.p. - Hydro power plant Vraňany	2006
426	Power plant terminal upgrade – support for automatic stand-by functions for ancillary service control	Sokolovská uhelná, právní nástupce, a.s. - Combined heat and power plant Vřesová	2006
427	Turbo-set guarantee measurement before and after overhaul in hydro power plant Kisköre	Tiszavíz Vízerözü Kft - Hydro power plant Kisköre (Hungary)	2005 - 2006
428	Pressure conditions measurement in the supply pipeline Vír – Brno	Vírský oblastní vodovod	2006
429	Optimization of on-cam correlation on Kaplan turbines in hydro power plant Žilina	Vodohospodárska výstavba, š.p. - Water plant Žilina	2006
430	Francis turbine guarantee measurement before and after reconstruction in hydro power plant Vydra	ZČE, a.s. - Hydro power plant Vydra	2005 - 2006
431	Efficiency measurement in small hydro power plant Kadaň	Hydro power plant Kadaň	2005
432	Measurement of passive resistances and drive forces before reconstruction in hydro power plant Povážská Bystrica	Hydro power plant Povážská Bystrica (Slovakia)	2005
433	Kaplan turbine guarantee measurement in small hydro power plant Přelouč	Hydro power plant Přelouč	2005
434	Pump guarantee measurement in turbine operation mode in water purification plant in Nová Bystrica	Water purification plant Nová Bystrica (Slovakia)	2005
435	Certification methodology proposal for ancillary service "island operation capability" for hydro power plants and its incorporation into the Grid Code	ČEPS, a.s.	2005
436	Delivery of KOTEL (Concentrator of Power plant Terminals) – information and control system of the Central dispatch centre of ČEZ, Plc. The KOTEL system supports operation scheduling, ancillary services provision, group power balancer and distributor, dynamic optimization and control of coal and pumped-storage power plants	ČEZ, a.s.	2000 - 2005
437	Power plant terminals tests during preparation for control system duplication in Dispatch centre of the Transmission System Operator	ČEZ, a.s.	2005
438	Voltage control system modification according to requirements of the Grid Code in power plants Počeradý, Chvaletice and Dlouhé Stráně	ČEZ, a.s.	2005
439	Key part Power plant Terminal duplication with automatic stand-by functions for ancillary services control	ČEZ, a.s.	2005
440	Turbo-set efficiency measurement in hydro power plant Lipno	ČEZ, a.s. - Hydro power plant Orlický	2005
441	Cause detection of excessive turbo-set vibrations in hydro power plant Slapy	ČEZ, a.s. - Hydro power plant Slapy	2005
442	Heating plant terminal connection to transmitted power measurements in heating plant Karviná	Dalkia Česká republika, a.s. - Heating station Karviná	2005
443	Solution proposal and delivery of equipment for island operation of heating plant Karviná	Dalkia Česká republika, a.s. - Heating station Karviná	2005
444	Study on possibilities of providing ancillary services in heating plant Olomouc	Dalkia Česká republika, a.s. - Heating station Olomouc	2005



No.	Description	Object	Year
445	Delivery of Power plant terminal for heating plant Olomouc	Dalkia Česká republika, a.s. - Heating station Olomouc	2005
446	Delivery of Power plant terminal for heating station Přerov	Dalkia Česká republika, a.s. - Heating station Přerov	2004 - 2005
447	Delivery of Power plant terminal for heating station Ústí nad Labem	Dalkia Česká republika, a.s. - Heating station Ústí nad Labem	2004 - 2005
448	System delivery for real-time production monitoring and controlling from the Dispatch centre of Pražská energetika for power plant Opatovice	PRE, a.s.	2005
449	Control power calculation algorithm for operation in secondary active power control of nuclear power plants Bohunice and Mochovce	Slovenské elektrárny, a.s.	2003 - 2005
450	Study on control system implementation in generator room section in combined heat and power plant Vřesová	Sokolovská uhelná, právní nástupce, a.s. - Combined heat and power plant Vřesová	2004 - 2005
451	Delivery of Power plant Terminal for heating plant Kyjov	Teplárna Kyjov, a.s. - Heating station Kyjov	2005
452	Delivery of backed-up dispatcher graphic system (DIGRAST) and backed-up energy measurement system with air temperature measurement for Východočeská energetika company including control of power plant Opatovice	VČE, a.s.	1997 - 2005
453	Proposal, delivery and calibration of process flow measurement; optimization of on-cam correlation on Kaplan turbine in hydro power plant Hracholusky	ZČE, a.s. - Hydro power plant Hracholusky	2005
454	Control unit delivery for fuel sampler in power plants Mělník 1, Mělník 3, Poříčí and Tušimice	ČEZ, a.s.	1998 - 2004
455	Determination of turbo-set working diagram in hydro power plant Orlík	ČEZ, a.s. - Hydro power plant Orlík	2004
456	Certification measurement of ancillary service "tertiary power control" in power plant Tisová 1	ČEZ, a.s. - Power plants Tisová	2002 - 2004
457	Algorithmization, simulation and operational check of separate operation of power plants Dalešice and Dukovany	ČEZ, a.s. - Pumped storage power plant Dalešice	2004
458	Boiler control circuits tuning in heating station Přerov (boilers are connected to steam collector)	Dalkia Česká republika, a.s. - Heating station Přerov	2004
459	Quality analysis of boiler injection valves by methods of non-impact diagnostics in power plant Mělník 1	Energotrans, a.s. - Power plant Mělník 1	2004
460	Tuning of boiler air system in power plant Mělník 1	Energotrans, a.s. - Power plant Mělník 1	2004
461	Feedwater junction quality evaluation in power plant Mělník 1	Energotrans, a.s. - Power plant Mělník 1	2004
462	Review of Grid code proposal for years 2004, 2005	ERÚ	2003 - 2004
463	Delivery of Power plant terminal for heating plant Plzeňská teplárenská	Plzeňská teplárenská, a.s.	2001 - 2004
464	Ancillary service measurement before certification measurement in hydro power plants Dlouhé stráně, Lipno, Kamýk, Orlík, Slapy, Štěchovice	ČEZ, a.s.	2002 - 2003



No.	Description	Object	Year
465	Level measuring device delivery for hydro power plant Lipno	ČEZ, a.s. - Hydro power plant Lipno	2003
466	Pre-complex control system test in hydro power plant Štěchovice	ČEZ, a.s. - Hydro power plant Štěchovice	2003
467	Proposal and testing of the procedure of changing hardware documentation of the Westinghouse system in nuclear power plant Temelín	ČEZ, a.s. - Nuclear power plant Temelín	2003
468	Certification measurement of ancillary service "island operation capability" in power plant Tušimice 2	ČEZ, a.s. - Power plant Tušimice	2003
469	Boiler control circuits tuning in heating plant Olomouc	Dalkia Česká republika, a.s. - Heating station Olomouc	2003
470	Certification measurement of ancillary service "primary frequency control" in power plant Třebovice	Dalkia Česká republika, a.s. - Power plant Třebovice	2003
471	Boiler dynamic quality measurement under keeping CO and NOx emission limits and with respect to provision of ancillary services	Energotrans, a.s. - Power plant Mělník 1	2003
472	State analysis of boiler actuators by methods of non-impact diagnostics in power plant Opatovice	International Power Opatovice, a.s. - Power plant Opatovice	2003
473	Turbine control circuits tuning in hydro power plant Nechanice	Povodí Ohře, s.p. - Hydro power plant Nechanice	2003
474	Pump efficiency measurement in water works Káraný	Pražské vodárny, s.p. - Water company Káraný	2003
475	Efficiency measurement in hydro power plant Čunovo	Slovenské elektrárny, a.s. - Hydro power plant Čunovo (Slovakia)	2003
476	Optimization of on-cam correlation on Kaplan turbine in hydro power plant Gabčíkovo	Slovenské elektrárny, a.s. - Hydro power plant Gabčíkovo(Slovakia)	2003
477	Delivery of Power plant terminal for combined cycle heating station Červený Mlýn	Teplárny Brno, a.s. - Combined cycle heating station Červený Mlýn	2002 - 2003
478	Development and delivery of ISA-WDOG card for external PLC	Kuwait	2001 - 2002
479	Optimization of on-cam correlation on Kaplan turbines in hydro power plant Kamýk	ČEZ, a.s. - Hydro power plant Kamýk	2002
480	Technical support during putting into operation of the Westinghouse control system during start up of nuclear power plant Temelín	ČEZ, a.s. - Nuclear power plant Temelín	2002
481	Program creation for feed water and organizer control circuit tests during putting into operation in nuclear power plant Temelín	ČEZ, a.s. - Nuclear power plant Temelín	2001 - 2002
482	Proposal and implementation of modifications for unit control range extension in power plant Dětmarovice	ČEZ, a.s. - Power plant Dětmarovice	2002
483	Time synchronization system delivery for control systems in power plant Mělník 3	ČEZ, a.s. - Power plants Mělník	2002
484	Technical support during test of virtual unit capability to provide ancillary service "tertiary power control" in power plant Tisová 1	ČEZ, a.s. - Power plants Tisová	2002
485	Turbo-set power control circuit tuning in power plant Třebovice	Dalkia Česká republika, a.s. - Power plant Třebovice	2002
486	ID fan operational mode assessment and reliable boiler operation safeguarding in power plant Mělník 1	Energotrans, a.s. - Power plant Mělník 1	2001 - 2002

No.	Description	Object	Year
487	Temperature field analysis in exhaust tube before electroseparators, before and after the ID fan in power plant Mělník 1	Energotrans, a.s. - Power plant Mělník 1	2002
488	Study on boiler power increase in heating plant SETUZA	Energy Ústí nad Labem, a.s. - Heating station SETUZA	2002
489	Proposal of airflow system, burners reconstruction and boiler control in company Lovochemie Lovosice	Lovochemie, a.s. - Lovochemie Lovosice	2002
490	Boiler control circuits proposal in heating plant Ostrov	Ostrovská teplotárenská, a.s. - Heating station Ostrov	2002
491	Optimization of on-cam correlation on Kaplan turbines in hydro power plant Nechanice	Povodí Ohře, s.p. - Hydro power plant Nechanice	2002
492	Delivery of Power plant terminal for power plant Burštýn and upgrade of the Terminal for data communication with unit control systems and with control system of the dispatch centre RDC Lvov	WEPS Lvov - Power plant Burštýn (the Ukraine)	2000 - 2002
493	Project and execution of tests for connecting of the Island of power plant Burštýn to UCPTÉ	WEPS Lvov - Power plant Burštýn (the Ukraine)	1998 - 2002
494	Turbine guarantee measurement after reconstruction in hydro power plant Ladce	Hydro power plant Ladce	2001
495	Time synchronization system delivery for computer network in Praha-Ruzyně airport	Praha-Ruzyně airport	2001
496	Implementation of island operation in hydro power plant Orlík and Slapy	ČEZ, a.s.	2001
497	Outlet steam pressure control optimization in power plant Chvaletice	ČEZ, a.s. - Power plant Chvaletice	2001
498	Delivery of Power plant terminal for heating plant Karviná	Dalkia Česká republika, a.s. - Heating station Karviná	2001
499	Calibration of combustion products flow meter in power plant Mělník 1 using three independent methods	Energotrans, a.s. - Power plant Mělník 1	2001
500	Study on possibilities of provision of selected ancillary services in heating plant Plzeňská energetika	Plzeňská teplotárenská, a.s.	2001
501	Expertise during Controlled Heating Supply System identification in the City of Prague	Pražská teplotárenská, a.s.	2001
502	Dynamic tests in hot-water pipes network of Pražská teplotárenská company	Pražská teplotárenská, a.s.	2001
503	Delivery of Power plant terminal for heating plant Strakonice	Teplárna Strakonice, a.s. - Heating station Strakonice	2001
504	Study on possibilities of provision of selected ancillary services in combined cycle heating station Červený Mlýn	Teplárny Brno, a.s. - Combined cycle heating station Červený Mlýn	2001
505	Proposal and tuning of control circuits for fluidized bed boiler in heating plant Komořany	United energy, a.s. - Heating station Komořany	1999 - 2001
506	Synchronous valve tuning in hydro power plant Vydra	ZČE, a.s. - Hydro power plant Vydra	2001
507	Creation of electronic documentation of the nuclear power plant Temelín–Westinghouse and DASOR systems	ČEZ, a.s. - Nuclear power plant Temelín	2000
508	Implementation of island operation in power plant Pruněřov 1	ČEZ, a.s. - Power plant Pruněřov 1	2000
509	Implementation of superior control of steam pressure in steam collector in power plant Tisová 1	ČEZ, a.s. - Power plants Tisová	2000



No.	Description	Object	Year
510	Implementation of island operation in power plant Tisová 2	ČEZ, a.s. - Power plants Tisová	2000
511	Project for real-time active power control of power plant Opatovice from the Dispatch centre in of company Východočeská energetika company	International Power Opatovice, a.s. - Power plant Opatovice	2000
512	Upgrade of the Communication Processor in power plant Opatovice for real-time active power control from the Dispatch centre of Pražská energetika	International Power Opatovice, a.s. - Power plant Opatovice	2000
513	Hydraulic tests of penstock Švařec – Čebín	Sdružení VOV	2000
514	Control system proposal for coal gasification technology in department Paroplyn in combined heat and power plant Vřesová	Sokolovská uhelná, právní nástupce, a.s. - Combined cycle Vřesová	2000
515	Guarantee measurement of Francis turbine and long penstock before reconstruction in hydro power plant Práčov	VČE, a.s. - Hydro power plant Práčov	2000
516	Kaplan turbines guarantee measurement in hydro power plant Žagaň	ZEW Dychow, S.A. Polsko - Hydro power plant Žagaň (Poland)	2000
517	Unit control range extension in power plants Chvaletice, Počerady and Tušimice 2	ČEZ, a.s.	1999
518	Implementation of island operation in power plant Mělník 3	ČEZ, a.s. - Power plants Mělník	1999
519	Guarantee measurement of dynamic and control qualities of fluidized bed boiler in power plant Tisová	ČEZ, a.s. - Power plants Tisová	1999
520	Simulation and tuning of feed water pumps control and review of relevant power startup test program for nuclear power plant Mochovce	Slovenské elektrárne, a.s. - Nuclear power plant Mochovce (Slovakia)	1998 - 1999
521	Backed-up system delivery for electric energy measurement for Západočeská energetika company	ZČE, a.s.	1998 - 1999
522	Delivery of Border substation Terminals (Albrechtice, Lískovec a Nošovice)	ČEPS, a.s.	1998
523	Primary frequency control optimization in hydro power plants Dalešice, Orlík, Lipno a Kamýk	ČEZ, a.s.	1998
524	Combustion optimization and boiler efficiency measurement in power plant Vojany 2	Slovenské elektrárny, a.s. - Power plant Vojany (Slovakia)	1998
525	Delivery of Power plant terminals for power plants of ČEZ, Plc. (Chvaletice, Dalešice, Dětmárovice, Dlouhé stráně, Dukovany, Hodonín, Ledvice, Mělník, Poříčí, Počerady, Pruněrov 1, Pruněrov 2, Temelín, Tisová, Tušimice)	ČEZ, a.s.	1994 - 1997
526	Measuring and evaluating of system tests of UCTE/CENTREL	ČEZ, a.s.	1995
527	Island operation implementation including real island tests of Ostrava district in power plant Dětmárovice	ČEZ, a.s. - Power plant Dětmárovice	1995
528	Model of Czech electrical power system	ČEZ, a.s.	1993
529	Model of Slovak electrical power system	Slovenské elektrárny, a.s.	1993