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# NEWS

Energy News in Southeast Europe  
twice in a month •

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**.BALKANENERGY.COM**

## About:

Main focus of Balkan Energy NEWS is energy related news from countries of South East Europe. Countries involved are: Albania, Bulgaria, Bosnia and Herzegovina, Croatia, Greece, FYR Macedonia, Montenegro, Romania, and Serbia. Besides all regional energy related news, we are giving you in each issue one market analysis and review of the tenders announced and held in this area. You will be also able to see review of relevant power exchanges.

News are published to subscribers only as an .pdf edition, two times per month

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BalkanEnergy NEWS Consulting

Consulting, intellectual and assistance services related to energy business in South Eastern Europe

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## In this issue:

**June (2) 2008 issue of Balkan Energy NEWS, with limited data.**

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## Actual data

- » Power sector operational and market data for the period of 16.06.-30.06.2008
- » Forecasted weather conditions for the following period

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## Analysis:

- » Power Plants in Bulgaria: Nuclear Power Plan Kozloduy

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## News headlines

### Albania:

- » ARMO sold to US-Swiss consortium

### Bosnia and Herzegovina:

- » Record natural gas consumption
- » Contract for renewal of HPP Rama signed
- » EnBW called for speeding up energy projects
- » Apet Group confirmed interest in construction of new power plants
- » Delegation of Zarubezneft visited RS, oil refinery to start operations in October
- » Republic of Srpska interested in South stream project

## Bulgaria:

- » New unit to be built in TPP Maritsa Iztok 1
- » CEZ to build 920 MW gas fired unit in TPP Varna
- » US companies interested in construction of new units in NPP Kozloduy
- » Increase in natural gas prices of 5.6 % in July
- » Possible changes of route of oil pipeline Burgas –Alexandropoulos
- » TPP Bobov Bol sold to Kovachki at initial price
- » Reduction in electricity sales for NEK in 2007
- » Regulator approved increase in electricity and heating prices starting from July 1
- » Deloitte Bulgaria consultant for energy holding
- » RWE and Electrabel submitted final bids for NPP Belene

## Croatia:

- » OMV gave an offer for 7 % shares in INA
- » Government approved environmental impact study for HPP Kosinj
- » Construction works in wind farm Vratarusa continue
- » Over 100 request for construction of wind farms
- » Full liberalization of electricity market starting from July 1

## Greece:

- » Iberdrola withdraws 70% share in join venture with "Motor Oil"
- » Final agreement between Hellenic Petroleum and Edison to be signed
- » PPC asked for bids for construction of 800 MW power CCGT power plant

## Macedonia:

- » "Toplifikacija" to return overcharged amount to consumers
- » Revitalization of HPP Kalimanci finished
- » Disputes between "Lukoil" and "Makoil"
- » Auction results for sale of night energy
- » EVN for increase of electricity prices
- » Austrian company to build biodiesel factory
- » General overhaul of TPP Oslomej finished
- » 11 000 law suits from EVN Macedonia

## Montenegro:

- » Experts started property appraisal of EPCG
- » Possible electricity shortages this summer
- » Unit 2 in TPP Pljevlja to be built after 2012
- » Liberalization of electricity market starts in the end of 2008
- » 55 million euros to be invested in electricity transmission network

## Romania:

- » Transelectrica put in service 400kV substation in Sibiu
- » Gaz de France interested in investments in HPPs
- » 44 million euros of profit for Hidroelectrica in period January-April
- » 17 small HPPs sold for 28 million euros
- » 12.5 % increase in natural gas prices starting from July 1
- » 5.3 % increase in electricity prices starting from July 1
- » Nuclearelectrica to control 51 % stake in units 3 and 4 in NPP Cernavoda
- » Enel to invest 220 million euros in Electrica Muntenia Sud
- » 500 million euros of income for Electrica in the first quarter
- » Termoelectrica, E.ON and Enel signed an agreement for construction of power plant in Braila

## Serbia:

- » 13 million euros for renewal of TPP Kolubara
- » Canadian Notos Wind Power to invest 20 million euros in wind farms
- » Russia ready to start construction of natural gas pipeline as soon as possible
- » Increased coal production during first five months
- » 7 TWh of electricity to be produced in new HPPs

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**Tenders:** (Electricity, Nuclear, Oil and gas, Wind)

Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Greece, Macedonia, Montenegro, Romania, Serbia, Slovenia, Turkey

## Balkan Energy NEWS publication

Balkan Energy NEWS service provides energy related news from countries of South East Europe. Covered countries are Albania, Bulgaria, Bosnia & Herzegovina, Croatia, Greece, FYR Macedonia, Montenegro, Romania, Serbia, Slovenia and Turkey. Besides all regional energy related news, we are giving you in each issue one market analysis and review of the tenders announced and held in this area. You will be also able to see review of energy market data and relevant power exchanges.

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The readers who will mostly benefit from the content of Balkan Energy News are: energy trading companies, investors, consulting companies, financial institutions, electricity generation companies, electricity distribution companies, transmission system operators, authorities, etc.

Country	Year	Sum	1	2	3	4
Slovenia	2008	11182	1027	891	953	850
	2010	12287	1083	991	1054	941
	2011	12590	955	1051	1127	997
Bosnia and Herzegovina	2008	10994	1099	932	963	818
	2010	11722	1074	979	1016	910
	2011	12186	1155	1038	1075	938
Bulgaria	2008	34509	3299	2960	2937	2637
	2010	32721	3196	3196	3196	2636
	2011	31954	3486	3052	3021	2443
Croatia	2008	33452	3475	3107	3087	2577
	2010	17842	1680	1543	1570	1599
	2011	17507	1625	1530	1551	1323
Greece	2008	53504	4652	4271	4401	3894
	2010	53565	4686	4107	4327	3913
	2011	53565	4686	4107	4327	3913
Romania	2008	50636	4736	4268	4473	3803
	2010	53365	4971	4472	4727	4081
	2011	53365	4971	4472	4727	4081

## Country Reports on Energy Business in South Eastern Europe

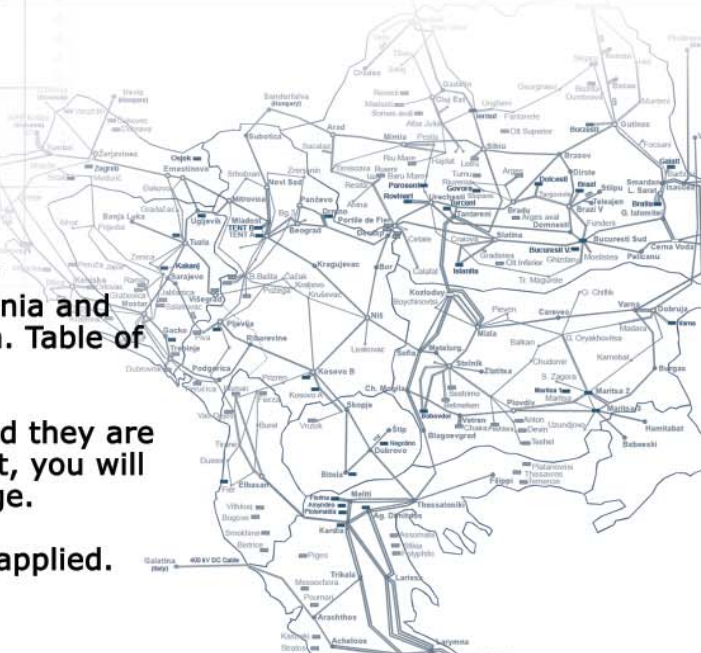
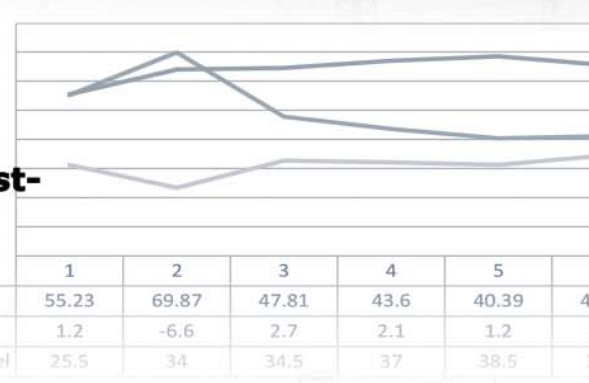
Country reports provide detailed overview of energy sector:

- Overview of the electricity market,
- Consumption, production and export characteristics
- Actualities - hot topics
- Key market players,
- Legislation and electricity market opening
- Electricity prices and tariffs,
- Potentials for investments in power generation,
- Privatizations in power industry
- Current state of RES sector

At the moment we have available up-to-date country reports for Bulgaria, Romania, Slovenia, Croatia, Bosnia and Herzegovina, Montenegro, Serbia and FYR Macedonia. Table of content is available on our website

Price of individual reports is 490 EUR per country, and they are updated every three months. For each ordered report, you will receive updates during one year period, free of charge.

For ordering all of the reports, 20% discount will be applied.



Power exchanges data:

**Bosnia and Herzegovina: Electricity production in last 15 days (MWh)**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
16.6.2008	1271	1086	1120	1114	1021	1012	1245	1445	1605	1622	1469	1439	1425	1400	1414	1393	1381	1364	1339	1344	1434	1502	1321	1213
17.6.2008	1260	1161	1182	1168	1161	1173	1365	1532	1645	1707	1721	1720	1733	1734	1731	1731	1717	1697	1686	1707	1785	1832	1611	1435
18.6.2008	1340	1247	1239	1237	1237	1237	1438	1636	1825	1893	1871	1887	1886	1893	1893	1892	1855	1833	1842	1866	1843	1872	1680	1539
19.6.2008	1325	1197	1191	1183	1178	1172	1396	1545	1719	1744	1743	1711	1711	1740	1800	1759	1793	1827	1756	1754	1725	1811	1629	1462
20.6.2008	1294	1185	1182	1171	1139	1162	1382	1569	1721	1776	1768	1767	1762	1773	1795	1799	1742	1708	1700	1700	1712	1755	1543	1415
21.6.2008	1279	1143	1150	1152	1135	1155	1283	1477	1585	1643	1496	1496	1488	1495	1501	1489	1452	1437	1470	1462	1455	1484	1369	1199
22.6.2008	1275	1211	1140	1128	1111	1108	1204	1313	1487	1564	1614	1602	1625	1563	1556	1519	1527	1521	1476	1482	1544	1652	1546	1392
23.6.2008	1243	1158	1154	1127	1121	1130	1375	1581	1745	1829	1808	1804	1804	1801	1792	1762	1733	1680	1668	1481	1521	1594	1511	1282
24.6.2008	1172	1124	1057	1050	1041	1073	1236	1464	1580	1641	1707	1731	1754	1747	1756	1743	1672	1619	1603	1584	1623	1718	1572	1411
25.6.2008	1152	1060	1022	1009	1005	1020	1191	1354	1533	1575	1615	1616	1669	1676	1736	1692	1688	1609	1588	1579	1548	1657	1519	1385
26.6.2008	1206	1064	1052	1035	1027	1023	1217	1386	1575	1628	1660	1664	1644	1671	1657	1680	1646	1620	1568	1565	1526	1613	1542	1447
27.6.2008	1199	1085	1038	1040	1028	1030	1234	1404	1563	1601	1631	1646	1645	1627	1627	1598	1593	1610	1566	1548	1573	1605	1509	1396
28.6.2008	1390	1241	1214	1211	1209	1204	1353	1520	1667	1739	1745	1756	1765	1731	1703	1511	1524	1508	1444	1411	1540	1616	1516	1502
29.6.2008	1390	1294	1208	1184	1175	1154	1283	1413	1492	1607	1689	1713	1726	1678	1620	1620	1588	1603	1608	1565	1638	1768	1614	1477
30.6.2008	1376	1237	1206	1200	1196	1208	1466	1644	1805	1820	1867	1864	1854	1878	1913	1857	1855	1808	1776	1753	1742	1749	1716	1569
Average:	1278	1166	1144	1134	1119	1124	1311	1486	1636	1693	1694	1694	1699	1694	1700	1670	1651	1630	1606	1587	1614	1682	1547	1408

**Bosnia and Herzegovina: Electricity consumption in last 15 days (MWh)**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
16.6.2008	1050	968	939	918	895	899	1012	1194	1319	1356	1365	1360	1344	1348	1353	1344	1323	1289	1259	1273	1374	1452	1322	1192
17.6.2008	1036	929	913	891	899	924	1045	1213	1306	1352	1339	1347	1364	1374	1374	1384	1330	1284	1264	1304	1415	1496	1368	1222
18.6.2008	1069	995	958	947	944	979	1076	1272	1382	1451	1412	1436	1444	1437	1451	1446	1414	1356	1336	1328	1412	1482	1378	1235
19.6.2008	1092	976	964	941	956	971	1087	1285	1381	1388	1387	1380	1395	1425	1485	1440	1409	1366	1331	1327	1416	1535	1397	1242
20.6.2008	1103	1005	965	959	941	963	1091	1282	1382	1418	1420	1439	1440	1435	1470	1461	1398	1369	1335	1323	1403	1494	1362	1248
21.6.2008	1160	1062	1000	984	971	982	1056	1201	1335	1427	1440	1462	1454	1442	1442	1421	1378	1351	1407	1400	1391	1385	1387	1394
22.6.2008	1128	1024	958	910	944	934	984	1102	1263	1317	1336	1349	1358	1303	1294	1265	1277	1253	1236	1250	1308	1477	1391	1237
23.6.2008	1072	995	955	919	934	952	1085	1273	1412	1446	1482	1449	1466	1472	1476	1469	1454	1412	1375	1402	1421	1535	1487	1272
24.6.2008	1105	995	951	940	973	987	1082	1303	1377	1421	1461	1480	1510	1517	1536	1514	1460	1411	1388	1354	1414	1543	1454	1324
25.6.2008	1153	1043	1014	978	979	996	1109	1255	1363	1428	1482	1473	1531	1510	1582	1522	1511	1442	1407	1395	1432	1569	1459	1330
26.6.2008	1155	1048	1009	990	994	1013	1134	1313	1420	1494	1503	1514	1526	1540	1566	1530	1496	1453	1420	1394	1415	1573	1491	1347
27.6.2008	1127	1058	1016	998	1000	1008	1100	1309	1378	1451	1498	1519	1519	1511	1527	1505	1509	1477	1430	1435	1479	1495	1384	1268
28.6.2008	1132	1062	1020	1015	1010	975	1071	1220	1339	1429	1447	1452	1438	1420	1434	1393	1368	1347	1343	1303	1338	1459	1378	1306
29.6.2008	1140	1033	1017	988	968	935	977	1118	1197	1326	1380	1381	1381	1339	1298	1293	1261	1260	1253	1258	1327	1470	1368	1221
30.6.2008	1083	1004	973	950	963	973	1113	1282	1404	1468	1449	1498	1499	1511	1545	1491	1456	1406	1383	1374	1418	1512	1458	1279
Average:	1107	1013	977	955	958	966	1068	1241	1351	1411	1427	1436	1445	1439	1456	1432	1403	1365	1344	1341	1398	1498	1406	1274

**Bosnia and Herzegovina: Electricity exports in last 15 days (MWh)**

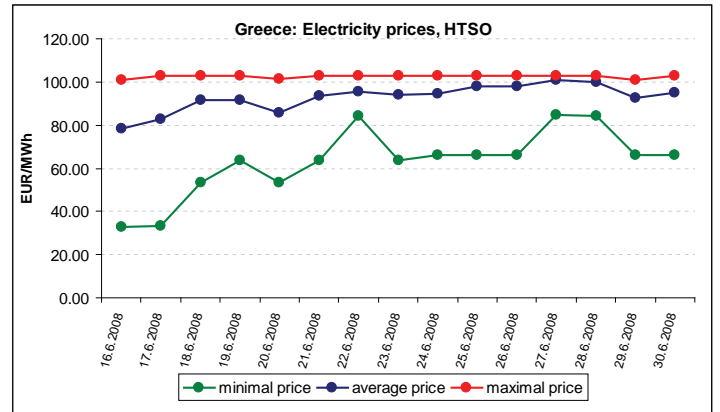
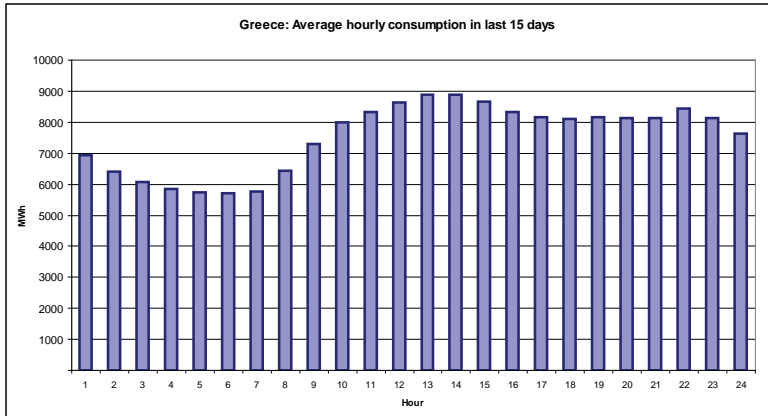
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
16.6.2008	221	118	181	196	126	113	233	251	286	266	104	79	81	52	61	49	58	75	80	71	60	50	-1	21
17.6.2008	224	232	269	277	262	249	320	319	339	355	382	373	369	360	357	347	387	413	422	403	370	336	243	213
18.6.2008	271	252	281	290	293	258	362	364	443	442	459	451	442	456	442	446	441	477	506	538	431	390	302	304
19.6.2008	233	221	227	242	222	201	309	260	338	356	356	331	316	315	315	319	384	461	425	427	309	276	232	220
20.6.2008	191	180	217	212	198	199	291	287	339	358	348	328	322	338	325	338	344	339	365	377	309	261	181	167
21.6.2008	119	81	150	168	164	173	227	276	250	216	56	34	34	53	59	68	74	86	63	62	64	99	-18	-195
22.6.2008	147	187	182	218	167	174	220	211	224	247	278	253	267	260	262	254	250	268	240	232	236	175	155	155
23.6.2008	171	163	199	208	187	178	290	308	333	343	326	355	338	329	316	293	279	268	293	79	100	59	24	10
24.6.2008	67	129	106	110	68	86	154	161	203	220	246	251	244	230	220	229	212	208	215	230	209	175	118	87
25.6.2008	-1	17	8	31	26	24	82	99	170	147	133	143	138	166	154	170	177	167	181	184	116	88	60	55
26.6.2008	51	16	43	45	33	10	83	73	155	134	157	150	118	131	91	150	150	167	148	171	111	40	51	100
27.6.2008	72	27	22	42	28	22	134	95	185	150	133	127	126	116	100	93	84	133	136	113	94	110	125	128
28.6.2008	258	179	194	196	199	229	282	300	328	310	298	304	327	311	269	118	156	161	101	108	202	157	1	

### Greece: Electricity consumption in last 15 days (MWh)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
16.6.2008	5493	5067	4798	4647	4574	4534	4547	5063	5739	6277	6533	6778	6983	6947	6829	6526	6369	6461	6562	6683	6892	7424	7167	6573
17.6.2008	5882	5376	5081	4964	4933	4957	5238	6093	7060	7724	7959	8193	8395	8446	8150	7752	7561	7627	7787	7879	7935	8164	7694	7118
18.6.2008	6363	5774	5466	5265	5175	5267	5491	6343	7352	8110	8445	8731	8951	9007	8794	8401	8097	7977	7958	7971	8057	8377	8030	7466
19.6.2008	6840	6280	5900	5700	5600	5630	5800	6640	7600	8370	8700	9000	9200	9220	9000	8630	8400	8330	8400	8410	8350	8500	8050	7450
20.6.2008	6970	6420	6050	5840	5730	5750	5800	6650	7590	8350	8670	8940	9080	9080	8900	8580	8330	8200	8200	8150	8200	8400	8000	7450
21.6.2008	6920	6420	6100	5850	5750	5680	5600	6040	6800	7500	7880	8270	8480	8450	8080	7750	7560	7500	7550	7550	7600	7990	7560	7100
22.6.2008	6550	6110	5820	5600	5460	5330	5150	5360	5750	6250	6630	7040	7240	7000	6700	6480	6440	6550	6720	6800	6940	7550	7400	6940
23.6.2008	6600	6100	5740	5590	5480	5520	5680	6530	7500	8200	8580	8800	9070	9100	8830	8420	8150	8030	8050	8030	8030	8400	8060	7550
24.6.2008	7250	6700	6350	6130	6000	6020	6110	6920	7920	8780	9100	9330	9600	9640	9400	9000	8800	8700	8800	8640	8600	8900	8460	8000
25.6.2008	7450	6860	6460	6230	6100	6100	6220	7040	8000	8850	9200	9500	9750	9800	9600	9300	9150	8930	8900	8730	8650	8940	8580	8100
26.6.2008	7600	7020	6640	6400	6240	6230	6350	7130	8150	9000	9290	9700	10000	10100	10000	9600	9370	9300	9300	9300	9100	9200	8850	8250
27.6.2008	7750	7170	6790	6530	6380	6350	6430	7200	8150	8950	9300	9700	9900	10000	9800	9500	9400	9300	9350	9300	9100	9100	8850	8440
28.6.2008	7600	7100	6750	6500	6300	6200	6110	6500	7250	7950	8330	8550	8900	8940	8700	8380	8280	8200	8200	7950	7920	8400	8150	7840
29.6.2008	7400	6950	6600	6330	6150	6000	5750	5900	6300	6740	7200	7600	7850	7700	7350	7270	7270	7400	7500	7500	7620	8250	8150	7850
30.6.2008	7310	6760	6390	6160	6030	6020	6210	7110	8220	8930	9240	9490	9850	9900	9740	9540	9300	9240	9340	9140	9140	8830	8270	
<b>Average:</b>	<b>6932</b>	<b>6407</b>	<b>6062</b>	<b>5849</b>	<b>5727</b>	<b>5706</b>	<b>5766</b>	<b>6435</b>	<b>7292</b>	<b>7999</b>	<b>8337</b>	<b>8641</b>	<b>8883</b>	<b>8889</b>	<b>8658</b>	<b>8342</b>	<b>8165</b>	<b>8116</b>	<b>8174</b>	<b>8136</b>	<b>8142</b>	<b>8449</b>	<b>8122</b>	<b>7626</b>

### Greece: System Marginal Prices in last 15 days

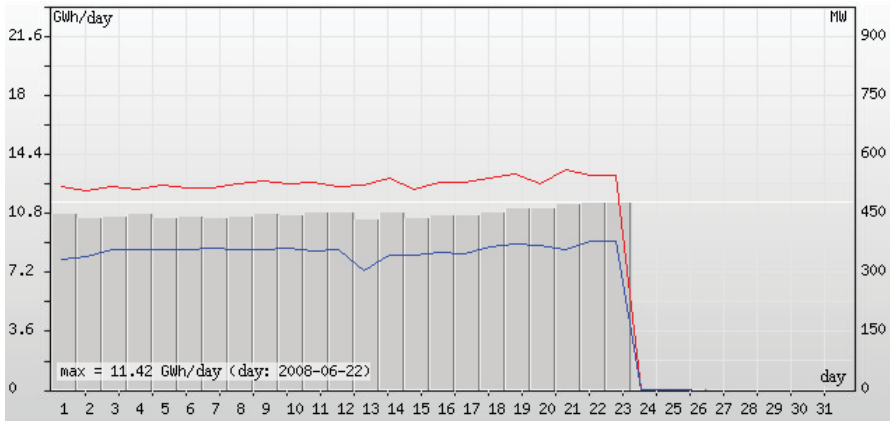
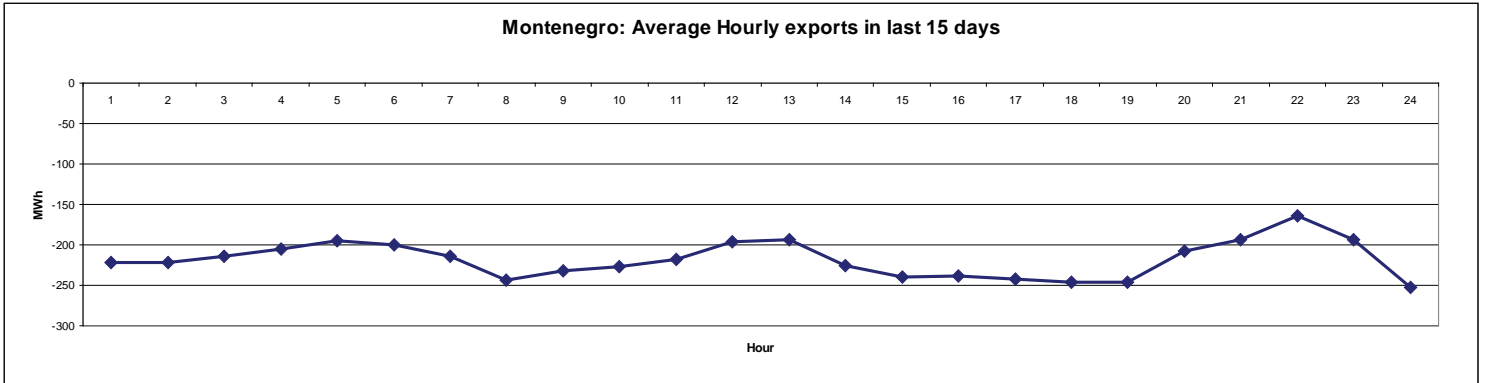
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
16.6.2008	62.79	62.79	62.79	53.23	32.84	32.84	49.65	94.00	65.13	99.30	92.09	92.09	92.09	92.09	94.00	94.00	83.90	83.90	83.42	83.89	83.90	94.00	94.00	101.00
17.6.2008	65.13	62.79	53.23	53.23	33.53	33.65	56.17	65.13	93.90	93.90	94.00	99.15	99.30	102.78	99.30	102.78	94.00	101.13	93.96	99.30	101.13	93.96	101.13	93.90
18.6.2008	95.00	65.90	63.53	63.53	53.30	56.24	63.53	93.90	102.91	102.94	103.00	103.01	103.01	103.01	103.00	103.00	103.00	101.26	102.91	101.26	103.00	103.01	101.26	101.26
19.6.2008	99.42	84.88	84.88	65.90	63.53	63.53	63.53	93.18	101.26	103.00	101.26	102.94	102.00	102.00	102.00	95.00	99.00	99.00	99.10	101.02	101.00	102.91	101.26	65.90
20.6.2008	65.90	63.53	63.53	59.97	56.24	53.30	53.30	65.90	94.90	99.20	101.26	101.10	101.10	101.10	95.00	101.10	99.20	101.26	99.35	99.20	101.10	101.15	99.42	84.89
21.6.2008	95.00	92.00	92.00	65.90	65.90	63.53	63.53	93.18	99.42	102.94	99.35	103.00	99.42	102.94	99.35	102.91	99.35	103.00	99.42	102.94	99.42	102.94	99.20	99.42
22.6.2008	95.00	94.90	94.92	94.90	94.90	93.19	84.41	93.18	94.90	93.19	101.26	99.20	99.35	102.91	99.30	99.30	99.20	93.18	95.00	93.19	95.00	84.89	101.26	99.20
23.6.2008	101.18	84.39	84.39	65.90	63.53	63.53	65.90	93.18	102.91	102.91	102.91	102.94	102.91	102.91	102.91	101.26	102.94	102.91	102.91	101.26	101.18	102.91	99.20	99.20
24.6.2008	99.20	65.90	65.90	65.90	65.90	84.39	84.40	94.90	103.00	103.00	103.00	103.00	103.00	103.00	103.00	103.00	103.00	103.00	103.00	103.00	103.00	103.00	102.91	101.26
25.6.2008	99.20	95.00	93.19	84.39	84.39	65.90	84.88	94.90	103.00	103.00	103.00	103.01	103.01	103.01	103.01	103.01	103.00	103.00	103.00	103.00	103.00	103.00	103.00	99.35
26.6.2008	102.91	93.18	93.18	84.88	65.90	84.39	84.39	99.20	103.00	103.00	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.00
27.6.2008	101.26	102.94	95.00	99.42	99.42	95.00	84.89	101.26	103.00	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.01	103.00
28.6.2008	99.42	102.94	102.00	101.26	93.19	93.18	84.39	95.00	94.90	101.26	103.00	101.26	103.00	101.26	102.94	102.91	102.91	102.91	102.94	101.26	102.91	102.94	102.92	101.26
29.6.2008	99.20	99.20	93.19	84.41	84.88	84.39	65.90	65.90	65.90	84.88	101.10	101.10	101.10	101.10	99.20	99.20	95.00	95.00	99.20	99.20	99.20	99.35	99.35	99.35
30.6.2008	101.26	95.00	84.41	65.90	65.90	65.90	65.90	95.00	103.00	103.00	103.00	103.00	103.00	103.00	103.00	103.00	103.00	103.00	103.00	103.00	103.00	101.10	102.94	102.94
<b>Average:</b>	<b>92.12</b>	<b>84.36</b>	<b>81.74</b>	<b>73.91</b>	<b>68.22</b>	<b>68.86</b>	<b>70.32</b>	<b>89.19</b>	<b>95.41</b>	<b>99.90</b>	<b>100.95</b>	<b>101.39</b>	<b>101.22</b>	<b>101.81</b>	<b>100.80</b>	<b>101.10</b>	<b>99.57</b>	<b>99.90</b>	<b>99.55</b>	<b>99.84</b>	<b>100.07</b>	<b>100.20</b>	<b>100.92</b>	<b>97.00</b>



### Montenegro: Electricity export in last 15 days (MWh)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
16.6.2008	-192	-185	-174	-173	-157	-167	-175	-210	-229	-207	-225	-228	-224	-249	-252	-247	-221	-233	-245	-239	-247	-166	-204	-223
17.6.2008	-217	-196	-204	-188	-186	-178	-213	-242	-223	-236	-232	-245	-230	-237	-252	-241	-238	-214	-239	-175	-133	-138	-149	-147
18.6.2008	-185	-205	-203	-199	-191	-193	-217	-235	-132	-80	-52	-40	-44	-206	-253	-255	-255	-272	-258	-243	-246	-253	-262	-273
19.6.2008	-225	-219	-204	-199	-195	-201	-189	-236	-234	-239	-216	-220	-223	-247	-242	-230	-236	-238	-231	-225	-216	-246	-261	-273
20.6.2008	-240	-238	-222	-202	-198	-208	-199	-241	-237	-208	-229	-109	-69	-130	-160	-164	-164	-200	-231	-224	-245	-228	-237	-289
21.6.2008	-227	-222	-199	-182	-190	-199	-199	-234	-231	-233	-223	-236	-246	-255	-237	-228	-233	-225	-249	-250	-264	-163	-234	-302
22.6.2008	-254	-225	-208	-208	-192	-197	-211	-227	-234	-244	-272	-253	-252	-255	-256	-246	-242	-237	-260	-259	-260			
23.6.2008																								
24.6.2008																								
25.6.2008																								
26.6.2008																								
27.6.2008	-261	-243	-233	-216	-194	-193	-234	-252	-251	-233	-180	-186	-188	-212	-258	-262	-249	-250	-165	-104	-127	-69	-144	-269
28.6.2008	-252	-255	-246	-243	-224	-231	-247	-272	-269	-287	-246	-182	-180	-176	-201	-231	-297	-292	-290	-262	-195	-209	-206	-280
29.6.2008	-172	-231	-254	-241	-228	-229	-255	-283	-283	-308	-302	-264	-280	-284	-281	-287	-286	-294	-297	-93	-1	-9	-44	-241
30.6.2008	-215	-255	-207	-195	-209	-207	-227	-249	-216	-205	-79	-0	24	-96	-208	-206	-214	-190	-205	-200	-257	-191	-281	-316
<b>Average:</b>	<b>-222</b>	<b>-222</b>	<b>-215</b>	<b>-205</b>	<b>-196</b>	<b>-200</b>	<b>-214</b>	<b>-243</b>	<b>-232</b>	<b>-228</b>	<b>-218</b>	<b>-196</b>	<b>-194</b>	<b>-225</b>	<b>-239</b>	<b>-239</b>	<b>-242</b>	<b>-246</b>	<b>-246</b>	<b>-207</b>	<b>-193</b>	<b>-164</b>	<b>-193</b>	<b>-253</b>

Montenegro: Average Hourly exports in last 15 days



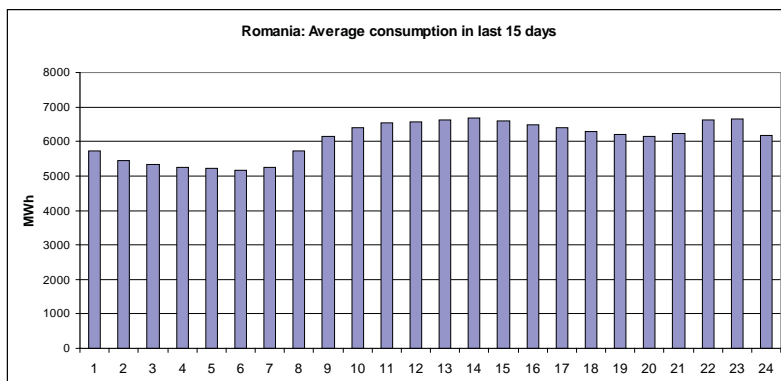
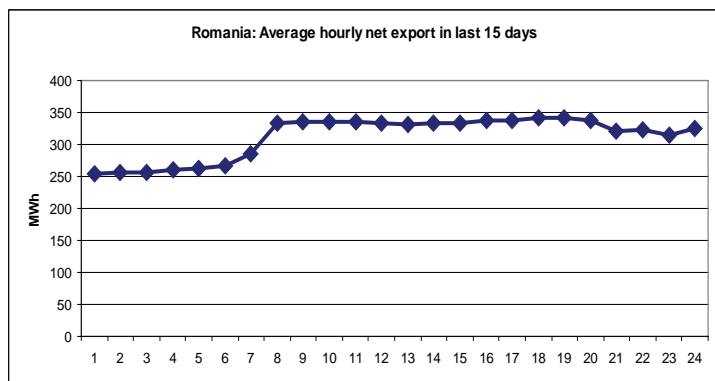
Gray block: Daily consumption (in GWh)  
 Red line: Maximal daily load (in MW)  
 Blue line: Minimal daily load (in MW)  
 (source: TSO EPCG)

### Romania: Electricity consumption in last 15 days (MWh)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
16.6.2008	5160	4918	4814	4741	4778	4777	5085	5779	6219	6439	6564	6564	6579	6670	6622	6487	6401	6280	6128	6082	6146	6695	6651	6037
17.6.2008	5662	5436	5344	5244	5176	5187	5352	5862	6217	6417	6510	6531	6611	6673	6604	6410	6350	6240	6171	6123	6238	6564	6538	5927
18.6.2008	5759	5508	5382	5282	5303	5282	5406	6005	6430	6626	6691	6720	6792	6850	6800	6649	6600	6461	6396	6298	6312	6775	6827	6252
19.6.2008	5753	5493	5351	5293	5312	5233	5363	5863	6276	6580	6711	6671	6670	6738	6714	6578	6517	6419	6375	6293	6390	6668	6635	6192
20.6.2008	5761	5559	5407	5281	5274	5265	5460	5928	6440	6726	6824	6834	6874	6924	6854	6725	6576	6434	6371	6241	6310	6754	6631	6146
21.6.2008	5725	5461	5367	5271	5277	5114	4986	5327	5682	5867	5911	6012	6031	5945	5871	5795	5771	5781	5703	5663	5832	6300	6351	5951
22.6.2008	5471	5141	4984	4906	4859	4754	4552	4626	4813	4955	5121	5186	5219	5197	5161	5142	5146	5153	5150	5165	5358	5856	5932	5538
23.6.2008	5200	5021	4945	4851	4902	4811	5117	5829	6282	6542	6708	6729	6768	6908	6810	6631	6462	6333	6184	6114	6214	6711	6614	6121
24.6.2008	5762	5521	5398	5333	5364	5297	5387	5964	6488	6799	6879	6999	7049	7150	7100	6931	6801	6681	6502	6432	6501	6850	6841	6411
25.6.2008	6093	5763	5590	5568	5594	5464	5614	6175	6670	6935	7048	7149	7259	7268	7166	7030	6885	6780	6664	6531	6617	6881	6969	6444
26.6.2008	6004	5680	5526	5497	5463	5361	5560	6139	6706	7062	7141	7174	7255	7304	7256	7068	6882	6794	6622	6643	6696	7000	6959	6406
27.6.2008	6123	5808	5618	5499	5477	5424	5587	6125	6629	6975	7172	7242	7322	7385	7298	7051	6963	6810	6642	6620	6673	6981	6985	6395
28.6.2008	6146	5845	5703	5570	5535	5381	5329	5497	5798	6083	6234	6247	6223	6193	6094	6001	5947	5910	5879	5909	5990	6381	6557	6162
29.6.2008	5741	5458	5278	5163	5157	5010	4821	4802	5100	5277	5435	5533	5616	5605	5598	5560	5558	5551	5531	5590	5732	6113	6409	5959
30.6.2008	5515	5235	5114	5091	5044	4989	5239	5889	6523	6862	7002	7127	7215	7266	7187	7031	6937	6801	6678	6563	6617	6876	7040	6576
<b>Average:</b>	<b>5725</b>	<b>5456</b>	<b>5321</b>	<b>5239</b>	<b>5234</b>	<b>5157</b>	<b>5257</b>	<b>5721</b>	<b>6152</b>	<b>6410</b>	<b>6530</b>	<b>6581</b>	<b>6632</b>	<b>6672</b>	<b>6609</b>	<b>6473</b>	<b>6386</b>	<b>6295</b>	<b>6200</b>	<b>6151</b>	<b>6242</b>	<b>6627</b>	<b>6663</b>	<b>6168</b>

Romania: Electricity net export in last 15 days (MWh)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
16.6.2008	354	354	357	359	358	350	359	427	447	449	454	443	440	443	448	451	452	456	455	452	430	439	446	450
17.6.2008	348	352	353	354	355	348	366	438	451	450	452	443	437	440	444	449	450	453	452	451	426	431	436	454
18.6.2008	305	309	309	310	311	304	342	437	450	450	452	447	446	447	448	452	454	456	456	452	427	434	429	431
19.6.2008	359	363	365	364	365	359	343	443	457	455	455	454	452	455	457	459	463	467	467	464	439	441	456	457
20.6.2008	322	326	326	331	335	332	377	448	459	455	453	452	450	451	455	457	460	462	462	458	436	442	425	425
21.6.2008	318	320	322	323	328	335	313	385	386	385	384	386	386	389	388	389	388	387	388	384	373	375	392	416
22.6.2008	293	297	298	298	302	298	302	337	330	345	347	346	346	350	337	344	347	350	363	355	350	366	311	319
23.6.2008	200	208	211	234	235	287	292	325	309	304	300	299	292	296	296	298	299	301	305	299	287	294	297	289
24.6.2008	225	228	228	231	232	226	256	289	280	274	273	273	271	276	278	282	284	287	288	283	271	271	246	269
25.6.2008	181	180	184	146	147	186	262	283	288	285	285	277	273	274	280	283	285	289	291	288	267	275	225	241
26.6.2008	210	214	214	214	216	208	264	289	289	288	289	289	289	285	287	287	292	296	299	298	293	276	282	249
27.6.2008	221	225	226	231	233	237	267	289	290	288	285	287	284	286	290	292	296	299	299	295	273	275	251	273
28.6.2008	221	223	225	227	227	221	219	247	237	234	232	237	234	237	236	237	238	241	240	239	225	224	239	253
29.6.2008	182	186	188	191	194	193	205	241	226	223	221	227	228	225	224	225	225	225	226	223	208	200	218	240
30.6.2008	78	68	41	86	90	108	125	136	144	140	138	141	137	140	141	138	138	140	140	136	110	108	96	103
<b>Average:</b>	<b>254</b>	<b>257</b>	<b>256</b>	<b>260</b>	<b>262</b>	<b>266</b>	<b>286</b>	<b>334</b>	<b>336</b>	<b>335</b>	<b>335</b>	<b>333</b>	<b>331</b>	<b>333</b>	<b>334</b>	<b>337</b>	<b>338</b>	<b>341</b>	<b>342</b>	<b>338</b>	<b>320</b>	<b>323</b>	<b>314</b>	<b>325</b>

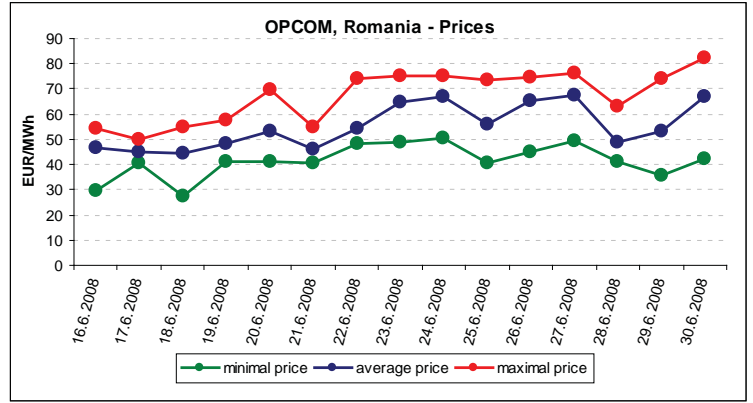
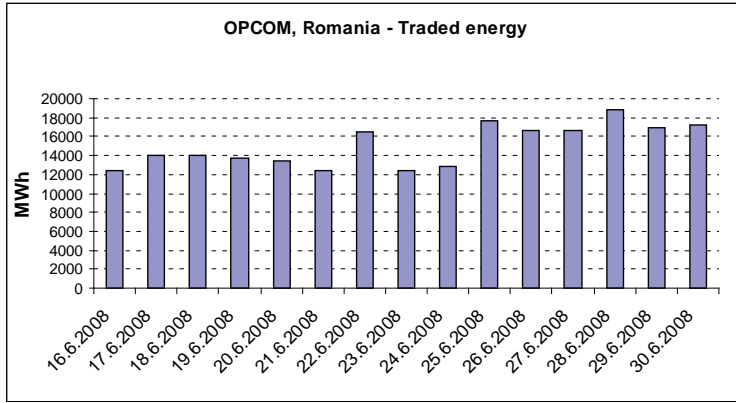


Opcom, Romania: Traded energy in last 15 days (MWh)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
16.6.2008	405	326	333	342	338	318	394	492	559	607	620	627	621	652	627	587	609	525	558	558	574	575	575	556
17.6.2008	513	359	334	331	328	329	379	559	665	708	725	738	750	749	755	720	675	642	603	581	605	686	749	584
18.6.2008	502	378	386	370	393	388	369	480	647	709	728	734	740	769	745	662	661	627	589	587	592	667	691	586
19.6.2008	487	379	367	365	341	332	387	489	582	684	699	709	701	722	711	662	686	649	600	599	616	692	654	589
20.6.2008	594	495	450	433	435	429	460	616	578	649	565	534	544	540	555	582	607	636	629	616	617	667	606	589
21.6.2008	546	483	452	400	373	369	392	411	506	581	583	598	592	582	571	549	531	524	525	539	571	598	617	516
22.6.2008	556	570	411	426	525	627	667	702	681	734	803	820	801	822	783	754	788	721	681	709	739	723	689	714
23.6.2008	497	593	570	604	575	580	545	518	343	441	463	468	466	418	433	427	467	538	576	602	607	533	530	607
24.6.2008	509	566	588	595	594	589	626	667	561	482	474	448	440	442	458	485	494	566	604	566	585	509	429	606
25.6.2008	583	717	730	704	706	699	714	707	743	822	820	755	774	726	728	747	735	786	788	782	798	790	612	768
26.6.2008	647	749	779	760	753	746	749	726	656	645	617	562	560	542	596	623	655	720	833	816	852	736	561	697
27.6.2008	647	749	779	760	753	746	749	726	656	645	617	562	560	542	596	623	655	720	833	816	852	736	561	697
28.6.2008	796	771	741	737	720	714	731	718	773	821	848	846	831	832	833	812	773	769	766	780	779	841	840	785
29.6.2008	637	741	754	718	687	655	672	715	763	804	796	776	769	729	732	722	720	723	693	704	727	615	503	595
30.6.2008	774	735	684	669	676	696	786	693	587	533	541	541	644	657	720	735	771	812	861	837	882	855	769	813
<b>Average:</b>	<b>579</b>	<b>574</b>	<b>557</b>	<b>548</b>	<b>546</b>	<b>548</b>	<b>575</b>	<b>615</b>	<b>620</b>	<b>658</b>	<b>660</b>	<b>648</b>	<b>653</b>	<b>648</b>	<b>656</b>	<b>646</b>	<b>655</b>	<b>664</b>	<b>676</b>	<b>673</b>	<b>693</b>	<b>681</b>	<b>626</b>	<b>647</b>

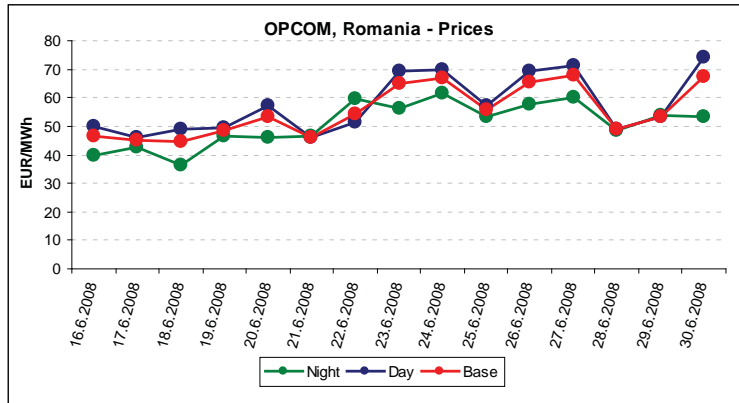
Opcom, Romania: Prices in last 15 days (EUR/MWh)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
16.6.2008	43.57	37.99	29.95	29.41	37.99	42.21	43.57	43.57	49.83	50.38	54.51	53.92	50.38	51.74	50.10	49.83	49.83	49.01	49.01	49.01	49.01	51.74	54.51	43.57
17.6.2008	49.01	40.85	40.85	40.85	40.85	40.85	40.85	43.57	49.83	49.56	49.56	49.01	49.01	49.01	49.01	45.26	43.57	43.57	43.57	43.57	43.57	43.57	43.57	43.57
18.6.2008	49.18	29.51	27.59	29.51	27.59	29.51	38.25	40.98	49.18	50.41	50.82	51.77	50.55	51.91	50.27	50.00	50.00	49.18	49.18	49.18	49.18	49.73	54.64	43.71
19.6.2008	49.44	43.70	43.70	43.70	40.97	42.34	43.70	43.70	49.98	50.39	50.26	50.80	50.53	51.90	50.26	49.98	49.99	49.16	49.16	49.16	49.16	51.08	57.40	49.71
20.6.2008	50.55	43.68	43.68	43.68	40.95	42.32	43.68	43.68	57.37	57.37	68.55	69.62	69.62	69.62	69.62	60.33	57.37	49.14	49.14	49.14	49.14	51.87	57.37	46.41
21.6.2008	54.78	49.00	43.56	43.56	40.84	42.20	43.56	40.84	43.56	49.00	49.00	49.00	49.00	49.00	43.56	43.56	43.56	43.56	43.56	43.56	49.00	54.78	54.45	43.56
22.6.2008	69.51	54.51	73.87	60.24	53.15	53.15	48.93	48.38	57.28	51.65	50.70	50.70	50.43	50.70	50.43	50.43	51.65	50.43	49.88	50.15	50.70	62.69	62.69	50.70
23.6.2008	68.14	49.33	57.24	49.10	49.10	50.43	57.24	72.23	75.23	72.23	72.23	72.23	72.23	75.23	72.23	72.23	72.23	65.42	65.42	60.24	65.42	65.42	65.42	62.69
24.6.2008	72.23	59.97	58.64	58.64	51.65	50.70	51.52	51.79	73.59	73.59	74.96	74.96	74.96	74.96	74.96	74.96	73.59	68.14	68.14	68.14	68.14	73.59	73.59	65.42
25.6.2008	72.13	52.81	49.00	43.55	43.55	40.83	43.55	46.00	50.09	52.81	65.33	69.41	69.41	69.41	69.41	60.16	60.16	51.45	50.09	50.09	51.45	53.08	73.50	52.81
26.6.2008	72.09	59.89	48.97	48.69	45.97	44.89	48.97	51.41	72.09	72.09	72.09	74.85	74.85	74.85	74.85	74.85	72.09	68.01	68.01	68.01	68.01	73.49	74.81	66.65
27.6.2008	73.69	62.77	54.59	49.40	49.13	49.13	50.22	58.72	75.06	75.06	75.33	76.48	76.48	76.48	76.48	75.33	75.10	69.60	69.60	69.60	69.60	75.06	75.33	68.23
28.6.2008	62.94	49.26	46.25	43.79	41.05	41.05	43.79	43.79	49.26	49.81	50.35	50.63	50.63	50.63	50.35	49.81	49.26	49.26	49.26	49.26	49.26	50.35	53.09	50.08
29.6.2008	71.11	51.97	51.42	41.03	41.03	35.56	35.56	41.03	48.96	49.23	50.33	54.70	54.70	62.91	62.91	62.91	54.70	54.70	49.23	50.33	51.42	71.11	73.85	62.91
30.6.2008	69.75	43.76	42.39	42.39	42.39	42.39	49.23	62.91	79.35	82.05	82.05	82.05	81.51	79.32	77.19	75.49	73.85	71.11	71.11	71.11	71.11	75.49	76.08	68.99
<b>Average:</b>	<b>61.87</b>	<b>48.60</b>	<b>47.45</b>	<b>44.50</b>	<b>43.08</b>	<b>43.17</b>	<b>45.51</b>	<b>48.84</b>	<b>58.71</b>	<b>59.04</b>	<b>61.07</b>	<b>62.01</b>	<b>61.62</b>	<b>62.51</b>	<b>61.44</b>	<b>59.68</b>	<b>58.46</b>	<b>55.45</b>	<b>54.96</b>	<b>54.70</b>	<b>55.61</b>	<b>60.20</b>	<b>63.35</b>	



**Opcom, Romania: Prices in last 15 days (EUR/MWh)**

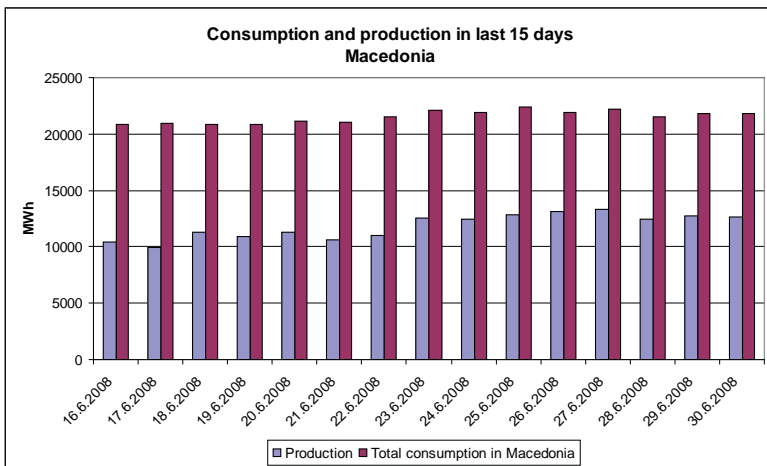
	16.6.2008	17.6.2008	18.6.2008	19.6.2008	20.6.2008	21.6.2008	22.6.2008	23.6.2008	24.6.2008	25.6.2008	26.6.2008	27.6.2008	28.6.2008	29.6.2008	30.6.2008
Base Price	46.44	44.85	44.66	48.34	53.50	46.25	54.29	64.95	67.12	55.84	65.44	67.77	48.88	53.48	67.21
Base Quantity	12380	14067	13999	13703	13428	12408	16446	12401	12884	17736	16580	16580	18855	16947	17271
Day Price	49.72	46.01	48.79	49.33	57.20	46.13	51.57	69.22	70.00	56.99	69.28	71.51	49.11	53.42	74.06
Day Quantity	9185	10541	10305	10188	9396	8653	11928	7845	8409	12215	10888	10888	12751	11658	11454
Night Price	39.90	42.55	36.41	46.37	46.08	46.49	59.73	56.43	61.36	53.52	57.75	60.28	48.44	53.61	53.52
Night Quantity	3195	3526	3694	3514	4031	3755	4519	4556	4475	5521	5693	5693	6103	5289	5817



Day Energy (06-22h)  
Base energy (00-24h)  
Night energy (22-06h)

**Mepso, Macedonia (MWh)**

	16.6.2008	17.6.2008	18.6.2008	19.6.2008	20.6.2008	21.6.2008	22.6.2008	23.6.2008	24.6.2008	25.6.2008	26.6.2008	27.6.2008	28.6.2008	29.6.2008	30.6.2008
Production	10392	9937	11252	10869	11262	10624	10998	12553	12427	12866	13087	13302	12407	12705	12683
Import	10425	10997	9559	9982	9841	10372	10494	9577	9523	9541	8807	8913	9148	9083	9172
Total consumption in FYROM	20817	20934	20811	20851	21103	20996	21492	22130	21950	22407	21894	22215	21555	21788	21855





## Tables with results of Allocated Available Transfer Capacities (AATC) in Balkan region for July 2008

NOS BIH - Bosnia & Herzegovina								July 2008.
Border+Direction	TTC	TRM	NTC	AAC	ATC	AATC	Price	Validity period:
IMPORT								
Croatia > BIH	-	-	350	-	34	0	*	01.-31.7.2008.
Montenegro > BIH	-	-	480	-	240	0	*	01.-31.7.2008.
Serbia > BIH	-	-	100	-	50	50	*	01.-31.7.2008.
EXPORT								
BIH > Croatia	-	-	450	-	50	50	*	01.-31.7.2008.
BIH > Montenegro	-	-	370	-	110	30	*	01.-31.7.2008.
BIH > Serbia	-	-	150	-	66	0	*	01.-31.7.2008.

ESO - Bulgaria								July 2008.
Border+Direction	TTC	TRM	NTC	AAC	ATC	AATC	Price	Validity period:
IMPORT								
Serbia > Bulgaria	-	-	50	-	25	25	0.50	01.-31.7.2008.
Romania > Bulgaria	-	-	100	-	0	0	0.00	01.-02.7.2008.
	-	-	300	-	100	100	6.50	03.-19.7.2008.
	-	-	200	-	50	50	20.00	20.-21.7.2008.
-	-	300	-	100	100	6.50	22.-31.7.2008.	
Greece > Bulgaria	-	-	200	-	100	20	0.00	01.-31.7.2008.
EXPORT								
Bulgaria > Serbia	-	-	100	-	50	50	5.12	01.-04.7.2008.
-	-	-	200	-	100	100	4.50	05.-31.7.2008.
Bulgaria > Romania	-	-	200	-	86	86	0.00	01.-31.7.2008.
Bulgaria > Greece	-	-	650	-	275	275	5.71	01.-31.7.2008.

OPS HEP - Croatia								July 2008.
Border+Direction	TTC	TRM	NTC	AAC	ATC	AATC	Price	Validity period:
IMPORT								
Hungary > Croatia	-	-	-	-	500*	500	0.52	01.-31.7.2008.
Slovenia > Croatia	-	-	-	-	100	40	0.00	01.-31.7.2008.
Serbia > Croatia	-	-	-	-	0	0	0.00	01.-31.7.2008.
BIH > Croatia	-	-	-	-	50	48	3.87	01.-31.7.2008.
EXPORT								
Croatia > Hungary	-	-	-	-	200*	200	1.05	01.-31.7.2008.
Croatia > Slovenia	-	-	-	-	50	50	1.20	01.-31.7.2008.
Croatia > Serbia	-	-	-	-	0	0	0.00	01.-31.7.2008.
Croatia > BIH	-	-	-	-	0	0	0.00	01.-31.7.2008.

\* Common auction conducted by MAVIR

MAVIR - Hungary								July 2008.
Border+Direction	TTC	TRM	NTC	AAC	ATC	AATC	Price	Validity period:
IMPORT								
Croatia > Hungary	600	200	400	200	200	200	1.05	01.-31.7.2008.
Romania > Hungary	350	100	250	175	75	75	15.30	01.-31.7.2008.
Serbia > Hungary	250	100	150	125	25	25	2.30	01.-31.7.2008.
EXPORT								
Hungary > Croatia	1150	200	950	450	500	500	0.52	01.-31.7.2008.
Hungary > Romania	400	100	300	175	125	125	0.02	01.-31.7.2008.
Hungary > Serbia	500	100	400	225	175	172	0.51	01.-31.7.2008.

\* Common auction conducted by MAVIR

MEPSO - Macedonia								July 2008.
Border+Direction	TTC	TRM	NTC	AAC	ATC	AATC	Price	Validity period:
IMPORT								
Serbia > Macedonia	380	100	280	140	0	0	0.00	01.-31.7.2008.
Greece > Macedonia	300	100	200	0	0	0	0.00	01.-31.7.2008.
EXPORT								
Macedonia > Serbia	380	100	280	50	90	0	0.00	01.-31.7.2008.
Macedonia > Greece	100	100	40	0	0	0	0.00	01.-31.7.2008.

Remark: No transparent allocation procedure on Greek and Bulgarian border

TSO EPCG - Montenegro								July 2008.
Border+Direction	TTC	TRM	NTC	AAC	ATC	AATC	Price	Validity period:
IMPORT								
Albania > Montenegro	-	-	-	-	100	0	0.00	01.-31.7.2008.
BIH > Montenegro	-	-	-	-	85	85	0.25	01.-31.7.2008.
Serbia > Montenegro	-	-	-	-	10	10	0.28	01.-31.7.2008.
EXPORT								
Montenegro > Albania	-	-	-	-	50	50	0.55	01.-31.7.2008.
Montenegro > BIH	-	-	-	-	165	165	0.25	01.-31.7.2008.
Montenegro > Serbia	-	-	-	-	90	90	0.25	01.-31.7.2008.

Transelectrica - Romania								July 2008.
Border+Direction	TTC	TRM	NTC	AAC	ATC	AATC	Price	Validity period:
IMPORT								
Bulgaria > Romania	300	100	200	100	50	50	0.01	01.-31.7.2008.
Serbia > Romania	200	100	100	100	0	0	0.00	01.-31.7.2008.
	0	0	0	0	0	0	0.00	12.-13.7.2008.
	200	100	100	100	0	0	0.00	14.-31.7.2008.
Hungary > Romania	400	100	300	50	125	50	0.00	01.-13.7.2008.
	0	0	0	0	0	0	0.00	14.-19.7.2008.
	400	100	300	50	125	50	0.00	20.-21.7.2008.
	0	0	0	0	0	0	0.00	22.-25.7.2008.
400	100	300	50	125	50	0.00	26.-31.7.2008.	
Ukraine > Romania	250	100	150	100	50	10	0.000	01.-02.7.2008.
	200	100	100	100	0	0	0.000	03.-11.7.2008.
	275	100	175	100	75	10	0.000	12.-19.7.2008.
	200	100	100	100	0	0	0.000	20.-21.7.2008.
	275	100	175	100	75	10	0.000	22.-25.7.2008.
200	100	100	100	0	0	0.00	26.-31.7.2008.	
EXPORT								
Romania > Bulgaria	200	100	100	100	0	0	0.00	01.-02.7.2008.
	400	100	300	100	100	100	0.01	03.-19.7.2008.
	300	100	200	100	100			20.-21.7.2008.
	400	100	300	100	100	100	0.01	22.-31.7.2008.
Romania > Serbia	200	100	100	100	0	0	0.00	01.-04.7.2008.
	350	100	250	100	75	75	15.98	05.-11.7.2008.
	0	0	0	0	0	0	0.00	12.-13.7.2008.
	350	100	250	100	75	75	15.98	14.-31.7.2008.
Romania > Hungary	200	100	100	100	0	0	0.00	01.-02.7.2008.
	350	100	250	100	75	75	16.56	03.-13.7.2008.
	0	0	0	0	0	0	0.00	14.-19.7.2008.
	200	100	100	100	0	0	0.00	20.-21.7.2008.
	0	0	0	0	0	0	0.00	22.-25.7.2008.
350	100	250	100	75	75	13.80	26.-31.7.2008.	
Romania > Ukraine	0	0	0	0	0	0	0.00	01.-02.7.2008.
	150	100	50	0	50	50	0.00	03.-13.7.2008.
	0	0	0	0	0	0	0.00	14.-25.7.2008.
150	100	50	0	50	50	0.00	26.-31.7.2008.	

EMS - Serbia								July 2008.
Border+Direction	TTC	TRM	NTC	AAC	ATC	AATC	Price	Validity period:
IMPORT								
Hungary > Serbia	-	-	-	-	200	200	*	01.-31.7.2008.
Romania > Serbia	-	-	-	-	50	50	*	01.-04.7.2008.
	-	-	-	-	125	125	*	05.-11.7.2008.
	-	-	-	-	0	0	*	12.-13.7.2008.
-	-	-	-	125	125	*	14.-31.7.2008.	
Bulgaria > Serbia	-	-	-	-	50	50	*	01.-04.7.2008.
	-	-	-	-	100	99	*	05.-31.7.2008.
Macedonia > Serbia	-	-	-	-	140	0	*	01.-31.7.2008.
Albania > Serbia	-	-	-	-	105	0	*	01.-31.7.2008.
Montenegro > Serbia	-	-	-	-	150	0	*	01.-31.7.2008.
BiH > Serbia	-	-	-	-	50	30	*	01.-15.7.2008.
	-	-	-	-	75	50	*	16.-31.7.2008.
Croatia > Serbia	-	-	-	-	50	50	*	01.-31.7.2008.
EXPORT								
Serbia > Hungary	-	-	-	-	75	75	*	01.-31.7.2008.
Serbia > Romania	-	-	-	-	50	25	*	01.-11.7.2008.
	-	-	-	-	0	0	*	12.-13.7.2008.
	-	-	-	-	50	25	*	14.-31.7.2008.
Serbia > Bulgaria	-	-	-	-	25	25	*	01.-31.7.2008.
Serbia > Macedonia	-	-	-	-	140	140	*	01.-31.7.2008.
Serbia > Albania	-	-	-	-	75	75	*	01.-31.7.2008.
Serbia > Montenegro	-	-	-	-	55	55	*	01.-15.7.2008.
	-	-	-	-	95	95	*	16.-31.7.2008.
Serbia > BiH	-	-	-	-	25	25	*	01.-15.7.2008.
	-	-	-	-	50	50	*	16.-31.7.2008.
Serbia > Croatia	-	-	-	-	50	50	*	01.-31.7.2008.

\* No price information available

General remark: All prices for capacity are presented in €/MWh

- TTC (Total Transfer Capacity), TRM (Transmission Reliability Margin) and NTC (Net Transfer Capacity) values in previous tables, represents commonly correlated values, given per each border and per each direction on the respective border. (Please note that some of TSOs on their web sites publish only one-half of the NTC value, i.e. their own part of NTC, and therefore NTC data can be different)

- AAC (Already Allocated Capacity) value represents part of transmission capacity allocated earlier by TSO in which table this value appears.

- ATC (Available Transfer Capacities) value represents amount of transmission capacity, which will be offered by the TSO in which table this value appears to the interested market participants through allocation procedure: usually by pro-rata or explicit auctions method. (Please note that some of TSOs on their web sites within their ATC value publish ATC part of the neighboring TSO, and therefore ATC data can be different)

- AATC (ALLOCATED Available Transfer Capacities) values are the results of allocation procedure conducted by respective TSO in which table this value appears

## Danube water-level in cm for last 30 days

relevant for:

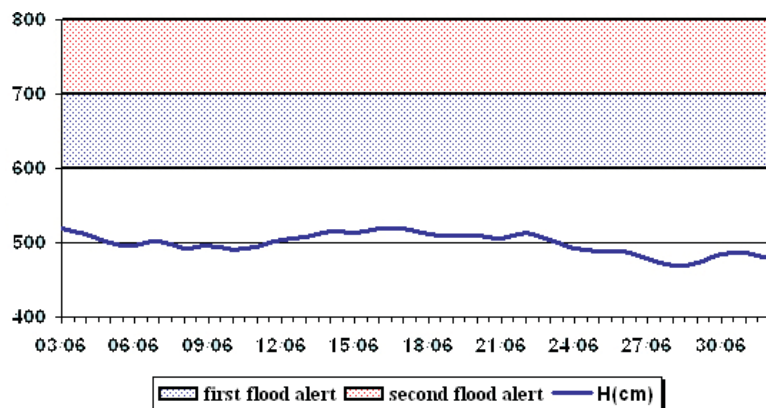
HPP Portile de Fier I, 1167 MW, Romania

HPP Portile de Fier II, 270 MW, Romania

HPP Djerdap I, 1058 MW, Serbia

HPP Djerdap II, 270 MW Serbia

(source: Republic Hydrometeorological Service of Serbia)



## Forecasted weather conditions for the following period

	3.7.	4.7.	5.7.	6.7.	7.7.	8.7.	9.7.	10.7.	11.7.	July averages.
<b>Albania</b> <i>Tirana</i>	T: 19-34 W: NW 10 R: -	T: 19-33 W: SW 8 R: -	T: 19-34 W: NW 14 R: -	T: 19-35 W: W 13 R: -	T: 21-37 W: W 6 R: -	T: 22-36 W: SW 20 R: -	T: 19-33 W: NW 12 R: -	T: 17-32 W: NW 9 R: -	T: 15-28 W: NW 16 R: -	Temperature: 16-32 Amount of rain: 40 Number of rain days: -
<b>Bosnia and Herzegovina</b> <i>Sarajevo</i>	T: 13-26 W: - R: -	T: 13-30 W: SW 3 R: -	T: 13-27 W: L-V R: -	T: 12-29 W: L-V R: -	T: 12-32 W: L-V R: -	T: 14-29 W: -W 10 R: -	T: 9-26 W: - R: -	T: 12-23 W: - R: -	T: 8-28 W: NW 4 R: -	Temperature: 12.8-25.9 Amount of rain: 79 Number of rain days: 9
<b>Bulgaria</b> <i>Sofia</i>	T: 15-28 W: N 4 R: -	T: 14-28 W: SW 5 R: -	T: 16-28 W: NW 12 R: -	T: 15-30 W: NW 4 R: -	T: 15-30 W: - R: -	T: 17-31 W: SW 10 R: -	T: 16-28 W: N 10 R: -	T: 15-24 W: - R: -	T: 10-28 W: NW 14 R: -	Temperature: 13.8-25.9 Amount of rain: 63 Number of rain days: 10
<b>Croatia</b> <i>Zagreb</i>	T: 17-31 W: - R: -	T: 20-35 W: NW 7 R: -	T: 17-29 W: NE 5 R: -	T: 18-33 W: - R: -	T: 19-33 W: L-V R: -	T: 17-25 W: NW 11 R: -	T: 11-27 W: - R: -	T: 16-27 W: N 10 R: -	T: 12-32 W: N 11 R: -	Temperature: 14.2-26.7 Amount of rain: 81 Number of rain days: 11
<b>Greece</b> <i>Athens</i>	T: 24-34 W: NW 24 R: -	T: 23-33 W: NW 16 R: -	T: 24-34 W: NW 14 R: -	T: 26-34 W: NW 9 R: -	T: 25-33 W: NW 9 R: -	T: 23-34 W: NW 9 R: -	T: 23-33 W: W 20 R: -	T: 22-32 W: NW 20 R: -	T: 22-31 W: W 23 R: -	Temperature: 21-33.5 Amount of rain: 5.8 Number of rain days: 2
<b>Macedonia</b> <i>Skopje</i>	T: 13-30 W: N 7 R: -	T: 14-31 W: SW 9 R: -	T: 13-30 W: NW 12 R: -	T: 16-31 W: N 5 R: -	T: 15-32 W: - R: -	T: 14-32 W: SW 14 R: -	T: 14-28 W: N 12 R: -	T: 12-29 W: NW 4 R: -	T: 9-29 W: N 20 R: -	Temperature: 14.8-29.8 Amount of rain: 34 Number of rain days: 7
<b>Montenegro</b> <i>Podgorica</i>	T: 18-31 W: NW 8 R: -	T: 19-32 W: SW 8 R: -	T: 18-33 W: NW 14 R: -	T: 19-33 W: N 10 R: -	T: 18-33 W: SW 6 R: -	T: 18-30 W: SW 20 R: -	T: 18-30 W: N 11 R: -	T: 16-28 W: NW 6 R: -	T: 15-32 W: N 9 R: -	Temperature: 20.3-31.8 Amount of rain: 38 Number of rain days: 5
<b>Romania</b> <i>Bucharest</i>	T: 18-33 W: - R: -	T: 20-35 W: - R: -	T: 20-35 W: NW 8 R: -	T: 18-33 W: NW 4 R: -	T: 21-36 W: - R: -	T: 22-36 W: SE 9 R: -	T: 21-32 W: L-V R: -	T: 16-31 W: L-V R: -	T: 17-32 W: - R: -	Temperature: 15.6-28.8 Amount of rain: 64 Number of rain days: 7
<b>Serbia</b> <i>Belgrade</i>	T: 17-32 W: N 4 R: -	T: 18-34 W: SW 11 R: -	T: 20-31 W: NW 12 R: -	T: 16-32 W: NW 9 R: -	T: 19-35 W: S 9 R: -	T: 22-34 W: SW 11 R: -	T: 11-26 W: NW 6 R: -	T: 16-22 W: NW 9 R: -	T: 12-30 W: NW 12 R: -	Temperature: 16-27.3 Amount of rain: 66 Number of rain days: 10

T: Temperature in celsius degrees

W: Wind speed in km/h, S – South, W – West, N – North, E – East and variables; “-” - no wind; “L-V” - Light and variable

R: Rain in mm

S: Snow in mm

**Analysis:****Power Plants in Bulgaria: Nuclear Power Plan Kozloduy****Basic data**

Nuclear power plant Kozloduy is the only NPP in Bulgaria. NPP Kozloduy is located 200 km north-west from Sofia, 5 km west to the town Kozloduy and 4 km from the Danube River. The construction of Kozloduy NPP commenced on April 6, 1970. NPP started operations in 1974 when unit 1 was linked to the grid. Further units were subsequently added: 2 (1975), 3 (1980), 4 (1982), 5 (1988) and 6 (1993). All reactors are Soviet-era design models. First two units of 440 MW each, have installed old reactor type WWER-440, model V-230 (same one as it was in NPP Chernobyl). Second two units (3 and 4) has same electricity power as previous ones, but are equipped with enhanced models of aforementioned reactors with improved safety systems. Last two units (5 and 6) are the newest one, with power of 1000 MW each and with modern reactors type WWER-1000, model V-320.

Bulgarian nuclear power plant Kozloduy would have total installed capacity of 3760 MW. Because of EU pressures based on safety reasons, two oldest units No. 1 and No. 2 in NPP Kozloduy (440 MW each) have been shut down in 31st of December 2002. Units 3 and 4 were shut down on 31st of December 2006, according to EU propositions. Currently, NPP Kozloduy operates with 2 000 MW of installed capacity (Units 5 and 6 only).

Related to deregulation of the energy market in Bulgaria, NPP operate on the deregulated market, but production quotas are set by the State Energy and Water Regulatory Commission.

**Reasons and agreements for closure of units 1-4**

Bulgaria has recently become a member of European Union (UN). Among the others, one of the preconditions to joining the EU is shutting down two more Soviet-era reactors (units no. 3 and 4). Public opinion was strongly against closure, meaning that 90% of the Bulgarians insist that the government should renegotiate the closure of Kozloduy NPP units 3 and 4, which generate around 12% of Bulgaria's total electricity production, but officials categorically confirmed its commitment for the closure of the generation units. Some opponents claim that this premature closure (these units hold license until 2009 and their designated lifetime is 30 years) would lead to energy and social instability not only in Bulgaria, but also in the region.

Units 1 to 4 of Kozloduy NPP are a typical example of the older generation units and at the beginning of the 90ties the International Atomic Energy Agency (IAEA) international missions formulated a number of recommendations for their safety enhancement. Based on these recommendations, the Council of Ministers of the Republic of Bulgaria made a decision to urgently implement such measures in Kozloduy. The discrepancies between the contemporary requirements to safety and units design are eliminated by constant modernizations and

reconstructions. Between 1991 and 2002, Bulgaria invested 311 million \$ in the modernization of these four units. Units 3 and 4 have been regularly modernized and according to some analysis, have reached an acceptable safety level. They have been reclassified as being comparable to the more advanced B-230M model.

Due to a number of problems – in design and in operation – during a Meeting of G-7 countries in 1992, units 1-4 were recognized, together with Ignalina NPP (Lithuania) and Bohunice NPP (Slovakia), as having a very high level of risk. As a result the EU decided to set up a special fund to help with the early closure of units in these three NPPs. The Nuclear Safety Account (NSA) Agreement was signed on June 16, 1993 by the European Bank for Reconstruction and Development (EBRD), the Government of Bulgaria and the National Electricity Company (NEK). According to this agreement, Bulgaria had to close Kozloduy's units 1-2 in 1997 and units 3-4 in 1998, using 24 million € for the safety upgrade of the units before the closure. Measures to secure the energy supply were also included in the agreement. After the failed Nuclear Safety Account (NSA), in 1999 the EU initiated another instrument to allow the earlier closure of the most dangerous nuclear reactors in central and eastern Europe.

In November 1999, the Bulgarian Government and the European Commission signed an Understanding in which the Bulgarian Government undertook a firm commitment to close and decommission Units 1 - 4 of the Kozloduy NPP at the earliest possible dates (units 1-2 before 2003 and units 3-4 before 2006). The EU put aside 200 million € as a grant and asked the EBRD to set up an instrument to manage the money, based on the EBRD's experience with NSA. The Kozloduy NPP's International Decommissioning Support Fund (KIDSF) for decommissioning and radioactive waste management was formally established in June 2000 by the Board of Directors of the EBRD, together with similar funds for the Ignalina and Bohunice NPPs. Six new donors – Denmark, Greece, Ireland, the Netherlands, Switzerland and the United Kingdom – joined KIDSF, contributing a total amount of around 17.5 million €. EU financial assistance in support of the decommissioning efforts under the Special Phare Programme amounts to 550 million € for the period 2000-2009. KIDSF is the main channel for assistance granted under the Special PHARE Program (program providing technical assistance to the eastern European countries).

**Closure of units 1 and 2**

The closure of reactors 1 and 2 (44 MW each) was committed by the Bulgarian Government when Chapter Energy was provisionally closed in November 2002 on the grounds of a Memorandum signed between Bulgaria and the European Commission in 1999. Units 1 and 2 of the nuclear power plant were closed on 31st of December 2002 in compliance with these commitments. Decision was made on 19th of December 2002 by Council of Ministers'. Financial aid was to be invested in modernization of units 5 and 6.

Although the units 1 and 2 are not operating at present, they still have not been decommissioned, because special project needs to be created. The document must then be adopted by the Nuclear Regulatory Agency, and the very process will only begin after a special decision of the agency. The executor of

the decommissioning will be chosen via tender. It will be then that the price of the procedure will become clear.

Units no. 1 and 2 are licensed by the Bulgarian Nuclear Regulatory Agency for operation without generation of electric and/or thermal energy and storing the spent nuclear fuel in the at-reactor pool.

#### **Closure of units 3 and 4**

Closure of units 3 and 4 was also arranged by Chapter Energy, provisionally closed in November 2002 on the grounds of a Memorandum signed between Bulgaria and the European Commission in 1999. These two units were closed on 31st of December 2006.

Soon after the NPP was closed, Prime Minister Sergey Stanishev has appointed a working group, the task of which will be to prepare development strategy for nuclear power plant (NPP) Kozloduy. The experts are obliged to make detail analyses regarding Bulgaria's commitments toward European Commission (EC) and other international institutions in relation to shutdown of units 3 and 4. The main task would be to evaluate possibilities for restarting the decommissioned units in the NPP.

Problems regarding closure of units 3 and 4 emerged. The government of Bulgaria requested from European Commission to double the funds for decommissioning the four units in NPP Kozloduy. They demanded over 1 billion euros, comparing to agreed 550.

According to experts, Bulgaria economy will lose some 1 billion euros due to closure of units 3 and 4. As compensation to Bulgaria, EU agreed to pay 550 million euros by 2009. Bulgaria earlier argued that Slovakia and Lithuania, who were also obliged to decommission its NPPs, managed to prolong decommissioning after the EU accession. Bulgaria pointed out it had modernized units 3 and 4, and claimed the units were safe, but this was not accepted by EU.

After Bulgaria shut down units 3 and 4, most of the countries in Balkans (especially Albania) were affected by the lack of electricity. In the same time, electricity shortage in the region was excellent reason for many politicians in the country to launch a campaign for restarting of units 3 and 4. The numerous polls showed that many of citizens were in favor of such move.

The campaign for restart of units was supported by leading politicians in Bulgaria. European energy commissioner, Andris Piebalgs was strongly against restarting of units 3 and 4. Piebalgs said that reaching the decision for restart of the units would be against basic principles having in mind that Bulgarian officials had admitted in the agreement that units were not safe enough. This became the part of Accession agreement, and it was ratified by all EU member states.

Bulgarian officials said they have been negotiating with several international companies regarding the potential lease of units 3 and 4. In exchange, those companies should lobby for restarting the units. Prime Minister Stanishev and minister Dimitrov, believe that corporate lobbyists would have better

results comparing to Bulgarian politicians regarding the Kozloduy issue.

#### **Units 5 and 6**

The most recently built units, 5 and 6, are the most advanced types of soviet reactor. Reactors for units no. 5 and 6 comply in principle with the international safety requirements, but there are still needed improvements in the field of technological equipment upgrade, control system upgrade, analysis and documentation that is implemented through Modernization Program. Meeting all international requirements concerning safety and reliability will lead to a lifetime extension of 15 years. The implemented measures of the Modernization Program reached so far 85.8 % of the total scope of planned measures. CEO of nuclear power plant (NPP) Kozloduy, Ivan Genov, said that modernization of two remaining units, 5 and 6, should extend their operational life by more than 20 years, i.e. until 2050. According to Genov, some 500 million euros have been invested in the past five years for that purpose, by which hundreds of measures had been undertaken in order to improve safety and reliability of units. The original operational life of the units is 40 years. The plan was confirmed by the Korchatovskiy institute, which has been supervising the units since they have been put in operation.

In april 2007, executive director of nuclear power plant (NPP) Kozloduy Ivan Genov and the head of the management board of Ukrainian company Radiy- Kirovohrad Evgeniy Bahmach signed the contract for installation of security control systems of units 5 and 6 in nuclear power plant (NPP) Kozloduy. The worth of the contract is 67 million euros, and the signing ceremony took place in Bulgarian Foreign Ministry.

Idea for construction of new 1,000 MW unit was mentioned by the director of NPP Ivan Genov in the beginning of 2007. The feasibility studies for construction of unit 7 in NPP Kozloduy were made 9 years ago.

#### **Radioactive waste management company**

A state-owned radioactive waste management company was created in February 2004, following the requirements of the Law on the Safe Use of Nuclear Energy, which came into force in July 2002. The company is responsible for setting up a radioactive waste management strategy and for the collection, transport, treatment and conditioning, storage and disposal of radioactive waste. The spent fuel removed from the reactors is stored in pools situated close to the reactors and the low and intermediate level radioactive waste is stored in auxiliary buildings. In 1990, the construction of a pool type spent fuel storage facility (SFSF) on the site of Kozloduy NPP was finished. Meanwhile, Bulgaria is still returning spent fuel from units 1 to 4 that had been reprocessed in Russia based on a commercial contract. After 3-5 years storage in the near reactor pools, the spent fuel is transported to the SFSF. The construction of the treatment and storage facility for long-lived radioactive waste at the Kozloduy NPP has been completed and is now in operation. Westinghouse delivered the main equipment and technology. The first funds allocated by the EU and the EBRD are partly destined for the decommissioning of units 1 and 2 (67 million € out of 100 million €). Eight contracts have already

been signed. The main one is with German firms GNB and RWE Nukem (signed in June 2004) for the construction of dry storage facilities for spent fuel at Kozloduy NPP. It is worth 48.7 million € and the facility is planned for operation in 2008.

The head of state company Radioactive Waste warned that EU would not let Bulgaria to use nuclear energy unless the country fully managed to build national depository for low and medium level waste. According to deadlines determined in the convention, which Bulgaria signed in 1997th, national radioactive waste depository should be operational in 2015th at the latest. The worth of the project is 70 million euros, where European bank for reconstruction and development should provide 90 % funds.

#### **Recent developments regarding NPP Kozloduy:**

In January 2007, soon after units 3 and 4 have been decommissioned, Bulgarian government considered increase in compensation for decommissioning. According to initial agreements, EU should pay overall sum of 550 million euros to Bulgaria as compensation. Government officials repeated that two decommissioned units could be revitalized in order to compile with EU safety standards. Soon after, Energy commissioner of EU confirmed once again that according to EU regulations restarting the recently shutdown units 3 and 4 in nuclear power plant (NPP) Kozloduy would be impossible. Theoretically, the units could be reopened only if Bulgaria met the security requirements and if it acquired certificates from International Atomic Energy Agency (IAEA). Even in that case, restart of the units could happen in the next several years if all EU members have approved such decision.

In May 2007, Andris Piebalgs, the EU energy commissioner, told to media that the issue of units 3 and 4 in nuclear power plant (NPP) Kozloduy was resolved in 1999th. He confirmed that his and European commission standpoints have not been changed over this issue despite the high pressures.

In September 2007, Unit 5 in NPP Kozloduy experienced malfunction, related to short circuit of the generator installation. 2 months later, unit 6 was shutdown due to failure of the pipeline system. Minister of economy and energy Petar Dimitrov said that some 23 million euros would be spent for the repair works in NPP Kozloduy in 2007.

In December 2007, CEO of nuclear power plant (NPP) Kozloduy, Ivan Genov, said that modernization of two remaining units, 5 and 6, should extend their operational life by more than 20 years, i.e. until 2050. According to Genov, some 500 million euros have been invested in the past five years for that purpose, by which hundreds of measures had been undertaken in order to improve safety and reliability of units. The original operational life of the units is 40 years. The plan was confirmed by the Korchatovsky institute, which has been supervising the units since they have been put in operation. According to him, the NPP intends to submit the request to Nuclear Regulatory Agency for extension of the plant's operational license.

In January 2008, campaign for restart of units 3 and 4 has been resumed. European energy commissioner, Andris Piebalgs, said that restarting of units 3 and 4 in NPP Kozloduy would not happen under any circumstances. The national campaign

for restart of nuclear units started on January 21, after politicians, experts and journalists supported the idea, which could be, as they believe, beneficial for both Bulgaria and the region. Prime minister Stanishev said that Bulgaria could possibly ask from European commission (EC) to restart the units in case of emergency. This should be done only temporary, Stanishev said. On the other hand, since there is no electricity shortage in Bulgaria, this option is out of the question for the time being, the prime minister said. Also, Bulgarian officials said they have been negotiating with several international companies regarding the potential lease of units 3 and 4. In exchange, those companies should lobby for restarting the units. Prime minister Stanishev and minister Dimitrov, believe that corporate lobbyists would have better results comparing to Bulgarian politicians regarding the Kozloduy issue. According to some options, the potential partners in this project would be granted the management of units 5 and 6 too. The candidate companies would be required to provide 500 million euros of bank deposit. If EU approves the restart, Bulgaria will return compensation funds.

In February 2008, Prime minister Sergey Stanishev confirmed his support to the national campaign for restart of units 3 and 4 in nuclear power plant (NPP) Kozloduy. Stanishev said he would continue to support the campaign by using all possible means. On the other hand, he pointed out that the fight would not include isolation of Bulgaria from other EU states. Prime minister clearly said that Bulgaria would not restart the units without permission of EU. Stanishev reminded that article 36 of Bulgaria's EU Accession agreement said that units could be temporarily restarted in case of electricity shortage in the country.

In the end of April 2008, The government of Bulgaria requested from European Commission (EC) to double the funds for decommissioning the four units in nuclear power plant (NPP) Kozloduy. This was confirmed by the Minister of economy and energy Petar Dimitrov. According to him, Bulgaria has started negotiations with EU regarding this issue. As a reminder, EU agreed to pay 550 million euros by 2009. Until April 2008, Bulgaria received 350 million euros.

In June 2008, Prime Minister Sergey Stanishev has appointed a working group, the task of which will be to prepare development strategy for nuclear power plant (NPP) Kozloduy. The workgroup will be headed by deputy minister of economy and energy Galina Tosheva. The experts are obliged to make detail analyses regarding Bulgaria's commitments toward European Commission (EC) and other international institutions in relation to shutdown of units 3 and 4. The main task would be to evaluate possibilities for restarting the decommissioned units in the NPP. In the same time, local press quoted reliable sources that latest appointment of working group for NPP Kozloduy is also aimed to develop plans for construction of seventh unit in the plant. Head of working group, Galina Tosheva confirmed they would analyze options for unit 7. He refused to give more details regarding this issue. Idea for construction of new 1,000 MW unit was mentioned by the director of NPP Ivan Genov in the beginning of year. The feasibility studies for construction of unit 7 in NPP Kozloduy were made eight years ago.

Nuclear expert, Georgi Kaschiev, who is strongly against construction of NPP Belene, believes that construction of new unit in Kozloduy would be more reasonable and more cost effective.

tive. According to Bulgarian media, several large US companies are interested in construction of new nuclear units in Bulgaria. This became clear during the visit of Bulgarian delegation in USA in mid June.

## News:

### **ARMO sold to US-Swiss consortium (Albania)**

After winning the tender procedure, sale of ARMO has been arranged with US and Swiss consortium headed by Texas Refinery Associates. From four companies, this consortium offered the highest price, 128 million euros. For 85% stake in Albanian oil refinery, British Petrofac offered to pay 30 million euros for the refinery's stake, Czech Penta Investment offered 10 million euros, while Czech Vitol offered 100 million euros. ARMO owns two refineries in cities Bals and Fier, and network of fuel stations in Albania.

Prime Minister Sali Berisa called this privatization "one of most successful privatization in Albania since the end of communist era". He also noted: "This consortium presented an offer which was 13 times higher than four years ago, testifying that this government has very high credentials as compared to the previous ones".

Albanian government has said that 128 million euros, collected from the sale of oil refinery AMRO, will be used to pay foreign debt and construction work on the Albania-Kosovo highway.

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### **Record natural gas consumption (Bosnia and Herzegovina)**

In the first five months of this year, natural gas consumption in Federation of Bosnia and Herzegovina (BiH) reached 119 million cbm, which was 26 % higher comparing to the last year.

Natural company BH Gas believes that gas consumption in the first half of the year should reach some 126 million cbm, which should be record consumption in the entity since the end of the war in BiH.

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### **Contract for renewal of HPP Rama signed (Bosnia and Herzegovina)**

Power utility of Herzeg Bosnia (EP HZHB) and German KfW Bank have signed 17 million euros loan contract for the purpose of renewal of hydropower plant (HPP) Rama.

7 million euros of the loan is a donation of the government of Germany, while the rest is commercial loan provided by KfW.

The renewal should prolong operational life of the HPP by 20 years, while the power output will be increased from 2x80 MW up to 2x100 MW.

The international tender for renewal of HPP Rama should be published, while the project should be completed by 2012.

Officials from EP HZHB announced continuation of cooperation in energy sector with KfW. According to general manager of EP HZHB, Matan Zaric, the cooperation should be related to construction of wind farms in the Herzeg Bosnia province. In this moment, there are some ten potential construction sites, officials said.

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### **EnBW called for speeding up energy projects (Bosnia and Herzegovina)**

German power company EnBW sent a letter to the prime minister of Federation of Bosnia and Herzegovina (BiH) Nedžad Brankovic and minister of energy Vahid Heco and called for speeding up the energy projects. The letter was signed by Herman Listen, higher vice president for foreign investments in EnBW.

As a reminder, EnBW, with Apet Group and KazTransGaz, has been selected by the government of Federation of BiH to be the strategic partner in the construction of new power plants. EnBW should be involved in construction and operation of unit 7 in thermal power plant (TPP) Tuzla (370 MW), TPP Bugojno (2x300 MW) and HPP Unac (2 x 36 MW).

The project was stalled in the beginning of year, after parliament demanded additional analyses related to selected partners.

EnBW said in the letter that inactivity of the state officials could endanger entire project. German company confirmed it had submitted annual reports and other important documents related to its eligibility and solvency, which were demanded by the auditors.

Because of that, EnBW expected that parliament would reach final decision regarding the strategic partnership in the past period, which was not the case. German company pointed out that several governments' officials have assured them that the projects should be approved.

EnBW warned state officials that the company could change its focus to other potential projects if this procedure was not finished in reasonable time. Germans reminded highest officials of Federation of BiH that they had done its best, in terms of funds and resources to speed put up particular projects.

At the end, EnBW expressed hope that it would continue cooperation with Federation of BiH and successfully complete all planned projects.

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## **Apet Group confirmed interest in construction of new power plants (Bosnia and Herzegovina)**

Apet Group, the potential strategic partner in projects for construction of hydropower plants (HPPs) Ustikolina (3 x 22 MW), Vranduk (21 MW), and Vrilo (42 MW) and thermal power plant (TPP) Kongora (2x275 MW), confirmed its readiness to invest 834 million euros in particular projects.

The Group clarified it was not interested in acquiring the ownership share in future power plants, yet it was interested in guaranteed amount of electricity. Austrian company also said it would hire local companies as subcontractors, such as Energoinvest and Hidrogradnja.

Apet Group was established by the government of Austria. Austrian vice chancellor Hubert Gorbah confirmed that group had full support of the government for the projects in BiH.

The leaders of the Apet Group are Porr and Wienstrom, while the members are VA Tech Hydro, Alstom, Siemens, Alpine Mayerder and Poyry.

Ministry of energy, industry and mining recently said that international auditor company had confirmed that Apet, as well as two other potential partners, the EnBW and KazTransGaz, are respectable companies, with considerable experience in construction and operation of energy facilities.

Sources imply that additional analyses of strategic partners demanded by the parliament was just a buying of time in order to reach compromise between leading parties SDA and SBiH, which harshly argued over the tender procedure for selection of strategic partners.

Local analysts said that personal disputes between two leaders, Sulejman Tihic (SDA) and Haris Silajdzic (SBiH) could lead to serious losses for two power companies in the country.

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## **Delegation of Zarubezneft visited RS, oil refinery to start operations in October (Bosnia and Herzegovina)**

Prime minister of Republic of Srpska (RS) Milorad Dodik received delegation of Russian oil company Zarubezneft and VEB Bank. Two sides have been discussed realization of privatization contract for oil companies in RS, which are now owned by Russians.

Dodik pointed that the latest meeting was part of continuous talks aimed to speed up activities related to finishing of privatization of oil companies in RS. PM said that process was continued after being stalled due to managerial changes in Zarubezneft. New management of the company is committed to speeding up renewal of oil refinery in Brod and reconstruction of petrol stations operated by fuel distributor Petrol, Dodik said.

Dodik earlier said that government and Zarubezneft signed annex to the privatization contract. The annex is related to pay-

ment of debts of oil refinery, which were already paid by the government. Dodik reminded that government was obliged to pay part of the refinery's debts, while Russians are obliged to pay 72.5 million euros of refinery's debts.

General Manager of Zarubezneft Nikolai Brunich announced that oil refinery in Brod should be operational in October. Until that time, Zarubezneft will invest considerable funds in Petrol in order to improve company's performance.

During the visit, Zarubezneft signed some 25 contracts with main contractor and subcontractors, which are engaged in renewal of the old processing line in the refinery. Overall worth of the contracts is 29 million euros. Processing output of the old line is 1.2 million tons per year, while overall output of the refinery will reach 4.2 million tons, when the new processing line was put in operation

Brunich also met representatives of the trade union in the refinery. The union's head said he was satisfied with the meeting, but the final decision regarding workers' demands is yet to be reached. Union demanded signing of the Collective agreement until July 1 and start of negotiations related to social package

Officials from VEB Bank confirmed they would provide all necessary funds for Zarubezneft's investments in oil companies in RS. According to bank's officials, VEB Bank is one of the largest state-owned banks in Russia with overall capital of more than 8 billion dollars.

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## **Republic of Srpska interested in South stream project (Bosnia and Herzegovina)**

The prime minister of Republic of Srpska (RS) Milorad Dodik once again confirmed government's interest in South stream project.

According to Dodik, there were certain official contacts regarding the construction of the South stream natural gas pipeline across RS. Prime minister hopes that future feasibility study could recognize RS as one of the potential pipeline routes.

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## **New unit to be built in TPP Maritsa Iztok 1 (Bulgaria)**

The government of Bulgaria decided that new 600-700 MW unit in Maritsa Iztok coal basin would be built on the site of thermal power plant (TPP) Maritsa Iztok 1. The TPP is owned by US company AES, which is engaged in construction of replacement capacity in the TPP.

The sources said that this decision was reached during the visit of Bulgarian prime minister Sergey Stanishev to USA in mid June.

The decision for construction of new unit was reached in the last year. The tender procedure for the project should be carried out by the Maritsa Iztok mining company.

So far, several large power companies expressed interest for the project, among them AES, Enel, CEZ, E.ON, EVN and local businessman Hristo Kovachki.

During the visit to USA, Prime Minister Stanishev said the tender procedure would be transparent and open for all interested companies.

Minister of economy and energy Petar Dimitrov said to local media that one U.S. company is ready to build new power plant in Maritsa Iztok basin. The minister said that analyses regarding the options for construction of new units are in progress.

Dimitrov said that Bulgaria has been looking for an investor willing to build new coal fired TPP, where this TPP should have carbon capture and storage (CCS) technology. By 2012, all electricity producers will be obliged to pay high fees for emission of greenhouse gasses, so that many of TPPs in Bulgaria could become non-profitable, the minister concluded.

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### **CEZ to build 920 MW gas fired unit in TPP Varna (Bulgaria)**

Czech CEZ, the owner of the thermal power plant (TPP) Varna, announced its plans regarding the construction of 920 MW natural gas fired unit at the site of the TPP Varna. The new unit will have two 300 MW gas turbines and one 320 steam turbine.

In this moment, TPP Varna has six 210 coal fired units, where three of them are operated by National electric company (NEK) under capacity reserve agreement.

According to earlier announcements made by CEZ's managing director in Bulgaria Lubos Pavlas, the new capacity in TPP Varna should be put in service in 2013.

According to Pavlas, CEZ decided to build new unit due to most likely reduction in greenhouse gas quotas, which should be introduced by the state of Bulgaria. If this happens, the company could be forced to stop three of its unit in TPP Varna, director said.

In the related news, CEZ has been engaged in talks with Gazprom regarding the long-term natural gas supplies, which will be used by the five new units, which should be built by CEZ in Europe.

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### **US companies interested in construction of new units in NPP Kozloduy (Bulgaria)**

According to Bulgarian media, several large US companies are interested in construction of new nuclear units in Bulgaria.

This became clear during the visit of Bulgarian delegation in USA in mid June.

Minister of economy and energy Petar Dimitrov believe that revival of nuclear energy in the USA was the reason why US companies are willing to invest in new nuclear power plants (NPPs) abroad.

The talks between Bulgarian delegation and US companies have been related to the NPP Kozloduy, minister said. The investors were interested in options for construction of two new units in the NPP, which would be the replacement capacity for four smaller units.

In the first half of June, Prime Minister Stanishev appointed working group that will be responsible for preparing the development strategy for NPP Kozloduy, including the construction of new units. Idea for construction of seventh, 1,000 MW unit, was first time mentioned by the director of the NPP Kozloduy in the beginning of the year.

Minister Dimitrov explained that potential enlargement of NPP Kozloduy would not be an alternative to construction of NPP Belene.

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### **Increase in natural gas prices of 5.6 % in July (Bulgaria)**

State Energy and Water Regulatory Commission (SEWRC) decided that natural gas prices would be increased by 5.6 % starting from July 1. The national gas company Bulgargaz demanded 19.6 % increase in prices.

According to decision of SEWRC, the price of 1,000 cbm of natural gas will be increased from 211 euros up to 223 euros.

The head of Bulgargaz Dimitar Gogov said the company could face bankruptcy after SEWRC refused to increase gas prices by 19.6 %. According to Gogov, with new prices, the company will report some 40 million euros of losses by October 1. In the same time, Bulgargaz might not be able to purchase sufficient amount of natural gas for all of its customers, Gogov warned.

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### **Possible changes of route of oil pipeline Burgas –Alexandropoulos (Bulgaria)**

Nikolai Seryogin, the head of the project for construction of Burgas –Alexandropoulos oil pipeline on behalf of Gazprom, said to press that technical and economic details of the project were being updated. This could result in changes of the pipeline route, Seryogin said.

The changes of the route are necessary due to changes in the ownership of the land across which the pipeline should be built.



This issue was discussed in the beginning of June, during the technical meetings of shareholders. It is expected that technical end economic justification of the project would take place in the end of 2008 or in the beginning of 2009.

Seryogin reminded that original studies for the project have been developed in 2001. In the same time, changes are necessary due to increase in price of raw materials, he said.

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### **TPP Bobov Dol sold to Kovachki at initial price (Bulgaria)**

Energia MK, the company owned by local tycoon Hristo Kovachki, which controls several coalmines in the country, won in the auction for sale of 100 % shares in thermal power plant (TPP) Bobov Dol.

The auction took place on June 26 and the TPP was sold at initial price of 51 million euros. The TPP has three 210 MW units, where one unit was decommissioned due to expiration of environmental permit on January 1.

The outcome of the auction was expected since the second competitor in the tender was the local company Minna Kompania, which is also linked to Kovachki. In the same time, the company failed to pay guarantee of 2.5 million euros and Energia MK was the only participant in the auction.

The sale still needs to be approved by the supervision board of Privatization agency (PA).

After the auction, Kovachki said he was glad the TPP remained owned by Bulgarian company. He said his first move would be to restart decommissioned unit in the plant. After that, some 60 million euros should be invested for the modernization projects in the TPP.

The terms of the auction envisaged 35 million euros of investments in five-year period. The winner in the auction is also obliged to upgrade TPP in accordance to EU environmental standards. The owner of the plant will be obliged to buy at least 1.75 million tons of Bulgarian coal for the TPP until December 31, 2011. Until the same date, the new owner should acquire environmental license for allowable greenhouse gas emissions.

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### **Reduction in electricity sales for NEK in 2007 (Bulgaria)**

According to financial report, in 2007, National electric company (NEK) posted some 400,000 euros reduction in wholesale electricity sales to distribution companies comparing to 2006.

In the same time, electricity distributors owe some 49 million euros to NEK, which was 2.5 million euros higher comparing to 2006. On the other hand, NEK owes 305 million euros to banks, which was double comparing to previous year. The most of the

debt is related to bridge loan of 250 million euros for funding the construction of NPP Belene, which was provided by BNP Paribas.

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### **Regulator approved increase in electricity and heating prices starting from July 1 (Bulgaria)**

State Energy and Water Regulatory Commission (SEWRC) has approved new electricity and heating prices starting from July 1.

Electricity prices for households will be increased by 14% in average. The industrial customers connected to middle voltage will pay 13.3 % higher electricity prices, while those connected to low voltage networks will pay 16.7 % higher prices.

The regulator reached compromised solution having in mind that original price increase should have been 18 %, but this was reduced after strong demands from the government. On the other hand, the head of SEWRC, Konstantin Shushulov said the new prices were not the consequence of external influences, yet regulator once again reconsidered all facts and concluded that there were additional reserves for reduction of prices.

The regulator approved 18 % increase in coal prices for the coalmines Bobov Dol and Maritsa Iztok, instead of requested amount of 25 % and 27 %, respectively. In this case, regulator concluded that both companies had sufficient reserves on stockpiles. As for electricity distributors, regulator reduced their operational costs and revaluated their assets. In addition, the electricity tariffs of National electric company (NEK) have been also reduced, which affected electricity prices in whole chain.

According to new tariffs, customers of CEZ will pay 4.95 eurocents/kWh during day (no VAT) and 2.3 eurocents/kWh during night. The customers of EVN will pay 4.94 eurocents/kWh during day and 1.7 eurocents/kWh during night. Finally, customers of E.ON will pay 5.0 eurocents/kWh during day and 1.9 eurocents/kWh during night.

During the same occasion, SEWRC decided it would not cancel quarterly reading of electricity meters, which was recently imposed only by CEZ, despite numerous complaints of the customers. SEWRC believes that CEZ made smaller mistakes. The final decision on the future of new reading method will be reached in October. SEWRC also proposed that CEZ should introduce prepaid electricity meters with magnetic cards, in rural and low-inhabited areas.

As for electricity producers, regulator decided that price of electricity produced by NPP Kozloduy will remain the same, i.e.14.3 euros/MWh. The price of electricity produced by TPP Bobov Dol will be increased up to 33.22 euros/MWh (+18 %), the price of electricity produced by TPP Maritsa Iztok 3 will be increased up to 34.6 euros/MWh (+16 %), the price of electricity produced by TPP Varna will be increased up to 36.6 euros/MWh (+32 %), while the price of electricity produced by TPP

Maritsa Iztok 2 will be increased up to 20.6 euros/MWh (+15 %),

In the same time, SEWRC decided that heating prices should be increased by 12.92 % in average. The heating prices in Sofia will be increased by 13.4 %, while in Plovdiv, the heating prices will rise by 9 %.

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### **Deloitte Bulgaria consultant for energy holding (Bulgaria)**

Ministry of economy and energy confirmed that Deloitte Bulgaria has won in the tender for the consultant for the establishment of national energy holding.

Ministry explained that selected company has long-time experience on Bulgarian and European markets, and experience in large-scale energy projects.

Deloitte Bulgaria outbid Bulbrokers Consulting, despite the fact that Deloitte demanded 375,000 euros for the project, comparing to 370,000 euros demanded by Bulbrokers.

The consultant's task will be a restructuring and consolidation of five state-owned energy companies into the holding. Those companies are National electric company (NEK), nuclear power plant (NPP) Kozloduy, thermal power plant (TPP) Maritsa Iztok 2, Bulgargaz and mining company Maritsa Iztok.

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### **RWE and Electrabel submitted final bids for NPP Belene (Bulgaria)**

By June 23, which was the deadline set by Bulgarian authorities, two candidates for acquiring 49 % stake in nuclear power plant (NPP) Belene, the RWE and Electrabel, submitted their final bids. This was confirmed by the National electric company (NEK).

In the incoming period, NEK should analyze the bids and it should start negotiations with the candidates.

As a reminder, in the beginning of June, NEK and BNP Paribas signed the agreement for arranging the loan for the project.

Earlier, European commission (EC) approved the project, saying the project is in accordance to Article 41-44 of the Euratom Treaty. EC believes that the project will improve long-term electricity security in EU and that it will reduce greenhouse gas emissions. EC also approved Russian technology that will be installed in the NPP.

The NPP will have two 2,000 MW reactors. The Russian company AtomStroyExport, with subcontractors Siemens and Areva, will build the NPP and the first unit should be operational in 2013. The cost of the project is originally estimated at 4 bil-

lion euros, while the latest analyses said this could be much higher.

§ § §

### **OMV gave an offer for 7 % shares in INA (Croatia)**

Austrian company OMV gave an official cash offer for purchase of 7 % of shares in Croatian oil industry (INA). According to analysts, this move gained certain advantage to OMV over its competitor MOL, which offered share swap to INA.

MOL, which controls 25 % stake in INA, wanted to arrange share swap in order to secure its shares and to strengthen its position against hostile takeover planned by OMV.

The rest of the stake in INA is owned by the state (44 % stake), small shareholders (14 %), while the rest is listed on stock exchanges in Zagreb and London (17 %).

The government was obliged to redefine its contract with MOL since government's stake dropped below 50 %, while MOL expressed interest for increasing its stake in INA.

§ § §

### **Government approved environmental impact study for HPP Kosinj (Croatia)**

The ministry of environment, physical planning and civil engineering approved environmental impact study for future hydropower plant (HPP) Kosinj.

The ministry changed its opinion, since in 2007, the ministry had demanded from Croatian power utility (HEP) to make a new study. By the latest decision, the ministry approved the study made in 1988. According to local media, HEP should start construction of HPP Kosinj in the end of the year.

Ecological activists in Croatia believe that approval of the construction of the new HPP based on such old study was not good decision. The similar was done in the project for HPP Lesce, which construction is underway, they said.

According to ecologists, HPP Kosinj, in Lika province, will have negative impact on inhabitants of Kosinj valley, flora and fauna and cultural heritage in the area. Because of that, ecologists demanded that HEP should make new environmental study for HPP Kosinj.

HPP Kosinj should have power output of above 25 MW, it should be storage type and it should be built by 2014.

§ § §

### **Construction works in wind farm Vratarusa continue (Croatia)**

In mid June, the construction of 14 concrete foundations for 14 wind turbines in future wind farm Vratarusa located near Senj have started.

The construction of the wind farm started in the end of 2007. The farm will have power output of 42 MW, while annual electricity production should reach 125 GWh.

The 57 million euros worth project has been developed by local company Valalta and German company Wallenborn Projektentwicklung, where two companies have equal shares in the project.

The equipment for the farm will be delivered by Vestas, and several local companies are involved in the project. The farm should be put in trial operation by the end of the year.

§ § §

### **Over 100 request for construction of wind farms (Croatia)**

Ministry of economy, labor and entrepreneurship confirmed it had received 113 requests for construction of wind farms so far. The ministry approved 43 requests.

The most of the requests are related to construction of wind farms in Dalmatia and Istria provinces.

In this moment, Croatia has 17 MW in two operational wind farms. One farm is located on island of Pag and another near city of Sibenik.

According to plans, some 5.8 % of overall electricity in Croatia in 2010, i.e. some 1.19 TWh, should be produced from renewable energy sources. Some 70 % of that amount should be produced in wind farms.

It is believed that overall power output in wind farms should reach maximum allowed output of 360 MW. The maximum output was set by Croatian transmission system operator (HEP-OPS) by taking in account stability of Croatian electricity system.

The electricity customers in Croatia pay 0.12 eurocents/kWh fee for electricity produced from renewable energy sources.

§ § §

### **Full liberalization of electricity market starting from July 1 (Croatia)**

Starting from July 1, electricity market in Croatia will be completely liberalized. It means that all households in Croatia will have a right to choose its electricity supplier.

A year ago, the status of eligible electricity customer was granted to all companies in the country, and before that, the eligible customers were the companies with over 3 GWh of annual consumption.

On the other hand, as in previous stages of liberalization, there should be no significant changes in electricity market, i.e. the state-owned Croatian power utility (HEP) will remain the main electricity supplier in the country. In addition, according to data of Croatian energy regulatory agency (HERA), alternative suppliers were not very interested in electricity market in Croatia so far.

As a reminder, starting from July, electricity prices in Croatia will be increased by 20 %. The government of Croatia approved subsidy programme, according to which some 47 % households, which spend below 2,000 kWh of electricity per year, will not be affected by the increase. There are some 2 million households customers in the country.

§ § §

### **Iberdrola withdraws 70% share in joint venture with "Motor Oil" (Greece)**

According to unofficial sources, Spanish "Iberdrola" has withdrawn its 70% share from joint venture "Korinthos Power", formed with Motor Oil. Joint venture has 400 MW generation license. That license would allow the Iberdrola to participate in the bidding process to develop new CCGT plant in Greece. Reasons for this move are not known in this moment.

§ § §

### **Final agreement between Hellenic Petroleum and Edison to be signed (Greece)**

Final agreement between Greek Hellenic Petroleum and Italian Edison is expected to be signed this week.

According to this agreement, two companies will build and operate unit under 50%-50% joint venture agreement. New unit is expected to have 2 000 MW of installed capacity.

The joint venture will be comprised by two subsidiaries, responsible for production and trade. Hellenic Petroleum will transfer its 390 MW Thessaloniki Energy assets in the joint venture while Edison will contribute its 65% participation in Thisvi Energy. Hellenic Technodomiki controls 30% in Thisvi and Stasinopoulos Group has the remaining 5%.

§ § §

### **PPC asked for bids for construction of 800 MW power CCGT power plant (Greece)**

PPC has requested offers for construction of 750 MW to 835 MW CCGT plant from "Metka". "Metka" is Greek largest builder

of power plants. Estimated budget is around 570 million EUR. Plant is planned to be built in southern Greece, Megalopolis.

Deadline for bid submission is 8th of July.

§ § §

### **“Toplifikacija” to return overcharged amount to consumers (Macedonia)**

On 25th of June, Macedonian court has canceled decision of Regulatory commission for energy, by which retroactive charge for gas heating has been enabled by higher price. Court has found this decision non constitutional.

Regulations were made on 25th of February 2008, and bills have been accounted by these regulations from 1st of January 2008. By that, bills for January and February have not been accounted by old, regular prices. Bills for January and February have been higher for 8.9% for consumers connected on heating plant Skoplje Sever and 18% for consumers connected to “Toplifikacija Skoplje”.

By court decision, „Toplifikacija” will have to return overcharged amount to consumers.

§ § §

### **Revitalization of HPP Kalimanci finished (Macedonia)**

General revitalization of HPP Kalimanci has been finished, and it became 1st fully automatic HPP in Macedonia, with remote operations control. Capacity of HPP has been increased from 12.6 to 13.8 MW. Revitalization has began in 2005.

HPP Kalimanci is one of seven HPPs given under concession to Czech “Hidropol”, which is obliged to revitalize and operate them until 2011, when they will be given to EVN. Until 2011, energy produced in these HPPs is bought by EVN.

§ § §

### **Disputes between “Lukoil” and “Makoil” (Macedonia)**

“Lukoil” and “Makoil” are currently arguing thought court for location for construction new fuel station. “Lukoil”, who claims to be owner of the location is forcing “Makoil” machinery to move from location.

“Makoil” claims that they bought that location from individuals one year ago, owning that locations. But, government forbid that location to be sold. It stays unclear how “Lukoil” became an owner of the location. According to “Makpetro”, documents are illegally forged.

“Currently, I cannot claim that government is behind this, by according to rumors, government has approved that”, “Makoil” lawyer said.

On the other side, “Lukoil” claims that it has all necessary documents regarding construction of the station and land ownership.

§ § §

### **Auction results for sale of night energy (Macedonia)**

For the period of 23rd till 30th of June 2008, MEPSO has offered amount of 3 360 MW. Entire amount was purchased by EFT, for 109 800 EUR. Starting price set by regulatory commission for energy was set to 32.70 EUR/MWh.

For the period of 1st till 6th of July, Mepso has sold 2 730 MWh. Silmak purchased 1 050 MWh, while Rudnap purchased 1 680 MW.

§ § §

### **EVN for increase of electricity prices (Macedonia)**

“EVN Macedonia” official have announced that they will request increase of electricity prices from Regulatory commission for energy until the end of the year. Details about future increase have not been specified, but they will follow inflation level and operation expenses.

Director of “ELEM”, Mr. Vlatko Cingoski said that he is not considering this option at the moment and that it is not his jurisdiction, but he said that they will make an analysis regarding that question.

§ § §

### **Austrian company to build biodiesel factory (Macedonia)**

According to local media, Austrian company has announced their intentions to build biodiesel factory in municipality Novaci.

President of municipality Novaci said to media that he will visit company in Austria in beginning of July, in order to discuss possibilities for this project. According to him, this project is feasible and fuel will be produced from organic waste.

§ § §

### **General overhaul of TPP Oslovej finished (Macedonia)**

Thermal Power Plant Oslovej has been connected to system on 23rd of June, after 2 months of repairs.

From 1st of January till 23rd of April, TPP Oslovej has produced 250 GWh of electric energy, and exceeded planned production for more than 10%.

§ § §

## 11 000 law suits from EVN Macedonia (Macedonia)

According to sources, „EVN Macedonia“ has sent 11 000 law suits regarding unpaid electricity debts or theft of energy. Every year, around 600 electricity thieves is identified, but exact number is higher, due to old distribution grid and old metering equipment. It is not uncommon that consumers fisicly stop workes to check their instalation.

In related news, EVN is continuing to disconnect entire villages in period of 3 hours. Also, 21 public companies have been disconnected from the grid for two hours, as a warning.

§ § §

## Experts started property appraisal of EPCG (Montenegro)

In mid June, experts from Faculty of economics from Podgorica have started property appraisal of Power utility of Montenegro (EPCG).

According to official data, the overall capital of EPCG was 991.88 million euros in mid June. The management believes that actual capital of EPCG is some 1.2 billion euros, having in mind the rise in real state prices

One of the goals of the appraisal is to alleviate negative effects of the business losses in the past three years. In 2005, the company reported some 30 million euros of losses, in 2006, the business loss amounted to 24 million euros, while, in the last year, the business loss stood at 7.9 million euros.

In 2005 and 2006, the state paid the losses of EPCG and, because of that, increased its share in the company from 67 % up to 70.59 %. Besides the state, other shareholders in EPCG are investment fund Eurofond (5.5 % stake), Trend (3.43 %), Moneta (2.8 %) and MIG (2 %). The overall number of shares in EPCG is 113,887,961 with nominal worth of 8.7 euros.

In mid June, market capitalization of EPCG was 500 million euros, while, a year ago, the market capitalization reached 1.5 billion euros.

According to estimations made by EPCG, the book value of thermal power plant (TPP) Pljevlja on December 31, 2006 was 94 million euros. In the same time, experts from EPCG believe that real value of the TPP is between 110 and 180 million euros, despite the fact the TPP has 42 million euros of debts.

§ § §

## Possible electricity shortages this summer (Montenegro)

Officials from functional division Distribution in Power utility of Montenegro (EPCG) said they could not guarantee safe electricity supply in coastal municipalities this summer.

The company would do everything to provide stable electricity supply, but the main problem is the considerable increase in consumption, which could cause overloads in the underdeveloped distribution network, director of Distribution division Miroslav Vukcevic said.

The increase in consumption is mostly related to illegal construction, which usually led to illegal connections to electricity grid, Vukcevic said.

The reduction of the losses will be main priority of Distribution division. The company plans to upgrade existing and to build new substations. According to plans, until 2010, 59 new distribution substations should be built, while the large number of existing ones will be reconstructed.

§ § §

## Unit 2 in TPP Pljevlja to be built after 2012 (Montenegro)

Director of thermal power plant (TPP) Pljevlja Slavko Vukasinovic believes that deadline for construction of second unit in the TPP, which was set at 2012 by the Strategy of energy development, was unrealistic and unfeasible.

One of the reasons is the fact that large number of TPPs are being built all over Europe, so that it would be difficult to acquire necessary equipment on time, Vukasinovic said.

According to director, the most important thing in this moment is to prepare tender documentation for the project and to try to secure funding of the project.

The new unit should have output between 200 and 250 MW, while annual electricity production should reach 1.3 TWh. The project costs are estimated at 175 million euros, while another 40-45 million euros will be necessary to invest in related infrastructure, i.e. coal depot, environmental projects, etc.

The favorable circumstance for Montenegro is the fact the large part of infrastructure for the second unit has been already built. TPP Pljevlja is originally designed to have two 210 MW units, so that several ancillary facilities, water accumulation and administrative buildings have been built for two units.

As a reminder, Power utility of Montenegro (EPCG) recently invited interested companies to submit bids for making the general design and pre-feasibility study for construction of second unit in TPP Pljevlja. The bids are to be submitted by July 3.

§ § §

## Liberalization of electricity market starts in the end of 2008 (Montenegro)

Ministry of economic development confirmed that electricity market for eligible customers, with adequate electricity meters, would be liberalized by the end of the year.

The market should be liberalized for the rest of the eligible customers on July 1, 2010. The final phase of the liberalization should start on January 1, 2015, when all households should become eligible electricity customers.

Montenegro failed to meet original deadline for start of liberalization of electricity market set at January 1 this year. Montenegro's Regulatory energy agency (REA) said the delay was related to new and complicated procedures.

In the incoming period, new rules for wholesale and retail electricity market should be adopted and new information system should be developed, officials from REA said.

The management committee in charge for electricity market will be established by ministry of economic development, Power utility of Montenegro (EPCG) and REA.

§ § §

### **55 million euros to be invested in electricity transmission network (Montenegro)**

Power utility of Montenegro (EPCG)-Transmission division plans to invest some 55 million euros for development of transmission grid by 2010.

The funds for the projects will be provide through loans (27 million euros), own funds (23 million euros) and donations (5 million euros). 14 million euros will be invested for new inter-connection link toward Albania, while the rest of the funds will be invested in transmission networks in Podgorica, Virpazar, Ribarevine, Andrijevica, Mojkovac, for construction of new power line Kotor –Tivat and for new IT system.

In this moment, company's annual income is some 25 million euros. The director of the Transmission division Zoran Djukanovic said that company's income has been set by Regulatory energy agency (REA).

The part of the income is immediately allocated to EPCG-Production division for covering the electricity losses in the network. In 2005, technical electricity losses reached 3.2 %, while in the last year, the losses reduced to 2.8 % or some 157 GWh.

The Transmission division has some 300 employees. The division has four departments, i.e. the Head office, Electricity transmission, National dispatching center and Electricity market operator.

The Transmission division should become independent company by the end of the year, in accordance to the restructuring model of national power company.

§ § §

### **Transelectrica put in service 400kV substation in Sibiu (Romania)**

In the second half of June, Transelectrica put in service new upgraded 400/220/110 kV substation in Sibiu. The cost of the project reached 35 million euros, and the substation was built by consortium of ABB Utilities GmbH (Germany), Areva Energietechnik GmbH (Germany) and ABB Romania.

The substation was reconstructed under the turnkey contract, where 55 % of the project was funded through loan of KfW bank, while the rest of the funds were provided by Transelectrica

The reconstruction of Sibiu substation was started in 2004. The substation represents very important nod of Romania's electricity transmission network. It enables transport of electricity from areas with electricity surpluses toward other parts of the country, through 400kV link Tantareni-Sibiu Sud- Iernut-Gadalin between Oltenia and north of Transylvania and through 400 kV link Arad - Mintia- Sibiu Sud – Brasov, between west and east of Transylvania. The substation is also important for transport of electricity from hydropower plants (HPPs) on Lotru River.

General Manager of Transelectrica Stelian Alexandru Gal said that new equipment in the substation had created conditions for remote control in the dispatching centre, which will increase the quality and security of services. The remote monitoring and diagnostics will reduce future maintenance costs, General Manager said.

§ § §

### **Gaz de France interested in investments in HPPs (Romania)**

Gaz de France, the majority owner of the natural gas distributor Distrigaz Sud, wants to get involved in electricity production from hydropower plants (HPP) in order to have balanced portfolio in the local market. This was said by the Tanguy Moulin-Fournier, development director of the French company.

The company has expressed interest for participation in auctions for construction of HPPs with power output between 10 and 80 MW, which should be published by Hidroelectrica.

Moulin-Fournier said the company submitted this proposal to Hidroelectrica, but there were no concrete talks.

Gaz de France believes that Hidroelectrica will launch tenders for completion of the projects started before 1989, where the new HPPs could be operated alone or jointly with Hidroelectrica. Director said that there are some 25 potential construction sites, and the main objective of the company is to operate between 100 and 200 MW in HPPs.

Moulin-Fournier explained that Gaz de France did not take part in the recent tenders for sale of small HPPs, organized by Hidroelectrica, because the company is not interested in power plants with small output.

Gaz de France has earlier expressed plans for entering the electricity production business, and the company is one of the two investors interested in the project in thermal power plant (TPP) Galati, which will be carried out in cooperation with Termoelectrica. The company also expressed interested in wind power projects. In addition, in this year, the company was granted electricity supply license.

§ § §

#### **44 million euros of profit for Hidroelectrica in period January-April (Romania)**

The electricity producer Hidroelectrica has reported gross profit of some 44 million euros in the first four months of this year. This was said by the general manager Traian Oprea. Comparing to the same period in the last year, the profit was 13 times higher, Oprea said.

In the same period, the overall income reached 214 million euros (+34 %), while company's expenses reached 170 million euros (+10 %).

According to general manager, in the first five months of this year, the company produced 8 TWh of electricity, which was also almost half of the planned electricity production (15.7 TWh) for entire year.

In this year, the planned income should reach 521 million euros (-9 % comparing to last year), while net profit should reach 8.9 million euros (-250 %).

Oprea confirmed that significant part of the electricity production came from the hydropower plants (HPPs) on Danube River, due to 30 % higher than average inflows during the first three months.

In this year, overall investments of Hidroelectrica should reach 300 million euros, where some 75 % should be provided from company's sources.

In this year, Hidroelectrica has initiate large-scale privatization of small HPPs. After three rounds of auctions, the company sold third of its small HPP portfolio and earned some 50 million euros. The funds obtained through privatization of small HPPs will be reinvested.

The most important investment of the company is the project for construction of pump-storage HPP Tarnita-Lapustesti (1,000 MW). The HPP is considered as vital for the security of the national electricity system, having in mind plans for construction of units 3 and 4 in NPP Cernavoda and large number of projects for construction of wind farms.

§ § §

#### **17 small HPPs sold for 28 million euros (Romania)**

In the mid June, electricity producer Hidroelectrica sold through auction procedure 17 small hydropower plants (HPP),

with total output of 10.8 MW, in the rivers basins of Moldova, Dorna, Gurghiu, Oltet, Negrisoara to Austrian Wienstrom GmbH for 28 million euros. The amount was 2.3 times higher comparing to initial price.

The HPPs were sold through five auction procedures. The six bidders took part in the auction, where Austrian company was the winner in each one of the auctions.

In accordance to commitments toward EU, Hidroelectrica was obliged to privatize all of its 150 small HPPs by the end of 2007. According to sources, remaining 69 small HPPs owned by Hidroelectrica should be sold in similar auctions most likely in September.

In the beginning of year, the company sold 16 small HPPs for 11 million euros. The HPPs are located in river basins Suha Mare, Suha Mica, Ilfov, Sovata and Fenes and their total output is 5.036 MW.

In the last year, Hidroelectrica produced 15.6 TWh of electricity, which was 25 % of electricity consumption in the country and 12.1 % less electricity produced comparing to 2006. Overall installed output of the company is 6,300 MW or some 40 % of overall national electricity output.

§ § §

#### **12.5 % increase in natural gas prices starting from July 1 (Romania)**

Romanian Electricity and Heat Regulatory Authority (ANRE) approved increase in natural gas prices starting from July 1. The prices will rise by 12.5 % for customers of E.ON Gaz Romania and 11.6 % for customers of Distrigaz Sud, where new price will be some 28.5 euros/MWh. (Starting from July 1, natural gas bills for households in Romania are charged for consumption in MWh.)

ANRE explained that latest increase was necessary in order to ensure safe operation of internal natural gas market.

Two largest natural gas suppliers, E.ON Gaz Romania and Distrigaz Sud called for 25 % increase in prices. The last increase in price of natural gas of 8.5 % took place in February.

After ANRE approved new prices, E.ON Gaz Romania announced it would demand new price increase for households in October. This was confirmed by the general manager Frank Hajdinjak. Hajdinjak said that price of imported natural gas could rise to 380 euros/1,000 cbm in the last quarter of 2008.

Officials from Distrigaz Sud said that latest price increase would cover only part of company's expenses. The company also announced it would submit new proposal for new increase in prices starting from October.

§ § §

### **5.3 % increase in electricity prices starting from July 1 (Romania)**

Romanian Electricity and Heat Regulatory Authority (ANRE) approved 5.3 % increase in electricity prices in average starting from July 1.

The average price increase for households will be 4.4 %. The new average price will be 8.5 eurocents/kWh for single tariff customers, while two tariff customers will pay 13.6 eurocents/kWh during day and 4.4 eurocents/kWh during the night. Finally, three tariff customers will pay 19.4 eurocents/kWh during peak hours, 10.8 eurocents/kWh during rest of the day and 5.0 eurocents/kWh during night.

The increase in prices is the consequence of higher fuel cost, new environmental investments and CO2 emission expenses, ANRE said.

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### **Nuclearelectrica to control 51 % stake in units 3 and 4 in NPP Cernavoda (Romania)**

As it was earlier announced, the government of Romania officially decided that state-owned Nuclearelectrica, the operator of nuclear power plant (NPP) Cernavoda, should control 51 % stake in future units 3 and 4 (700 MW each) in the NPP.

In the same time, future strategic partners will be CEZ, Electrabel, Arcelor-Mittal Romania, Enel, RWE and Iberdrola, who will control minority stakes in new units.

According to original plans, Nuclearelectrica and strategic partners should have owned minority stakes in future units, which should be built by 2015.

The Prime Minister Calin Popescu Tariceanu explained that the latest decision of the government was in accordance to new energy strategy of Romania. The minister of economy Varujan Vosganian added that state wants to increase its share in vital energy companies in the country.

The units 3 and 4 should produce 5.2 TWh of electricity per year each. The estimated price of electricity produced in new units is between 28 and 32 euros/MWh.

§ § §

### **Enel to invest 220 million euros in Electrica Muntenia Sud (Romania)**

Italian Enel announced it would invest some 220 million euros in Electrica Muntenia Sud in the next three years. The funds will be invested for modernization of electricity distribution network.

Enel has recently finalized privatization of Electrica Muntenia Sud and appointed new management.

General Manager of Electrica Muntenia Sud, Luigi Giliotti, said the company's investment budget in the next 15 years would be 1 billion euros.

The modernization projects will include construction of new substations and power lines. According to Giliotti, some 30 % of the network operated by the company is over 30 years old. In addition, the investments will be related to establishment of integrated IT system. The overall investments in this year should amount to 51 million euros, officials said.

Comparing to 2004, the company reported 300 % increase in electricity demand. In 2007, the company delivered 5.54 TWh of electricity to the customers (12.4 % of overall electricity consumption in the country) and reported over 500 million euros of income.

In Romania, Enel also controls electricity distributors Electrica Dobrogea and Electrica Banat, and it is the largest private electricity distributor with portfolio of some 2.5 million customers.

§ § §

### **500 million euros of income for Electrica in the first quarter (Romania)**

Electricity distributor Electrica posted 500 million euros of income in the first quarter of this year, which was 10 % higher comparing to last year. The amount was slightly below company's plans, the management said. In the same time, the gross profit was some 10 million euros. The increase in income was the consequence of increase in electricity sales of 10%.

According to plans, the company should report 2.2 billion euros of income in this year, which will be 47 % higher comparing to the last year. By 2012, the overall investments should reach 740 million euros.

Electrica has three branches, i.e. Electrica Muntenia North, Transylvania South and Transylvania North.

§ § §

### **Termoelectrica, E.ON and Enel signed an agreement for construction of power plant in Braila (Romania)**

In mid June, electricity producer Termoelectrica and consortium of E.ON and Enel signed an agreement for construction of thermal power plant (TPP) in Braila. The signing of the agreement was earlier announced by Romanian press.

In April this year, Termoelectrica approved the establishment of joint venture with Enel and E.ON.

The agreement envisaged establishment joint venture for the purpose of construction of new coal fired 800 MW unit at the site of TPP Braila. The cost of the project is estimated at 1 billion euros.



The latest agreement represents the largest public-private partnership agreement in Romania in the last 20 years.

According to agreement, the feasibility study should be made in order to evaluate the project. The study should be completed by the end of the year, when the partners should reach final decision for starting the project.

The international consortium will invest cash and it will control majority stake in the project. E.ON will control 70 % shares in the consortium with Enel.

Termoelectrica will control minority stake by investing the existing assets in TPP Braila. The amount of Termoelectrica's stake would depend on the evaluation of invested assets, and it should range between 10 and 20 %, officials from Termoelectrica believe.

The officials from E.ON confirmed that electricity produced in new unit would be equally divided between international partners. In the same time, the profit will be split between three partners in accordance to ownership share in the project.

The new unit will be built in accordance to EU standards. General Manager of Termoelectrica Ioan Ungureanu said the new TPP would have carbon capture and storage (CCS) technology.

In the same time, Termoelectrica has started similar projects in power plants Doicesti, Borzesti and Galati. In Doicesti, the qualified bidders are Electrabel and consortium of Mechel and Hungarian Electrical Plants. In Borzesti, the final bids will be submitted by CEZ, Electrabel and E.ON. In Galati, the finalists in the tender are Gaz de France and CEZ.

§ § §

### **13 million euros for renewal of TPP Kolubara (Serbia)**

Thermal power plant (TPP) Nikola Tesla and local company Energoprojekt have signed contract for reconstruction of electro filters and coal ash transport system in TPP Kolubara.

The worth of the contract is some 13 million euros, and the project should be completed by the end 2009. The renewal will reduce particle emission in accordance to EU standards.

Half of the funds for the project will be provided by Power utility of Serbia (EPS) and the rest will be provided by the state, i.e. by the Environmental protection fund.

§ § §

### **Canadian Notos Wind Power to invest 20 million euros in wind farms (Serbia)**

According to department of information of government of Vojvodina province, Canadian company Notos Wind Power is ready to invest 20 million euros for construction of wind farms in Vojvodina during the next four years.

President of the company, Miodrag Andric said to prime minister of provincial government that they are ready to build 17 wind turbines with total power output of 20 MW near city of Zrenjanin.

The government has already established Council for utilization of wind power, the task of which is to coordinate wind power projects in the province. The government's officials confirmed that some 10 investors have signed cooperation protocols for construction of wind farms in Vojvodina.

§ § §

### **Russia ready to start construction of natural gas pipeline as soon as possible (Serbia)**

Russian ambassador in Serbia, Aleksandar Konuzin, confirmed that Russia was ready to build the section of South stream pipeline across Serbia as soon as possible, i.e. as soon as the energy agreement between Russia and Serbia was ratified by Serbian parliament.

Speaking at the Chamber of commerce of Serbia, Konuzin explained that ratification was necessary in order to start preparations for the project, i.e. to start necessary studies, to hire subcontractors, etc.

Russia is highly interested in investments in Serbia, especially in energy and transport sectors, ambassador said. He reminded that Lukoil invested some 300 million euros in Serbia during the last several years.

In the related news, deputy general manager of Gazpromneft, Dimitri Malishev clarified that, according to privatization contract of Oil industry of Serbia (NIS), Gazprom will become the owner of 51 % of all assets of NIS, including both oil refineries, petrol stations and other retail facilities.

The rest of the shares in NIS will be controlled by the government of Serbia, which will have veto right in some cases, Malishev said.

High official believes that NIS, with current annual production of 4.3 million tons of oil derivatives, is not competitive at the moment. On the other hand, Gazprom plans to modernize oil refineries and to increase production up to 7.5 million tons per year, where some 3 million tons should be exported.

Malishev confirmed that overall debts of NIS stand at 350 million euros. The issue of company's debts should be negotiated after the ratification of energy agreement.

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### **Increased coal production during first five months (Serbia)**

In the first five months of the year, Kolubara coalmine, the largest coalmine in Serbia, produced 12.3 million tons of lignite,

which was 22 % higher than planned. In the same period, the production of overburden stood at 29 million cbm (+23 %).

Kolubara coalmine provides some 70 % of lignite in Serbia, where 90 % of the amount is used in thermal power plants Nikola Tesla, Kolubara and Morava. Those power plants produce some 17 TWh of electricity per year or some 50 % of overall electricity produced in Serbia.

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### 7 TWh of electricity to be produced in new HPPs (Serbia)

Deputy Minister of energy and mining Predrad Sekeljic said in an interview that Serbia could produce additional 7 TWh of electricity per year in new hydropower plants (HPPs)

According to analyses conducted in the last 25 years, overall usable hydro potential in Serbia is some 17 TWh per year, where some 10 TWh has been already utilized in existing HPPs.

There are some 50 construction sites, which are suitable for construction of HPPs with power output of above 10 MW. In the same time, there are some 850 potential construction sites for small HPPs (power output between 0.1 and 10 MW), with estimated annual production of 1.6 TWh.

According to Sekeljic, the main problem in this sector is the fact that most of the HPPs in Serbia are over 40 years old. It implies that Serbia should invest considerable funds for modernization of existing facilities. In the same time, Serbia will welcome all potential investors in new HPPs, deputy minister said.

Sekeljic reminded that Power utility of Serbia (EPS) has been involved in several modernization projects in HPPs. By 2012, EPS should upgrade HPP Djerdap 1, the largest HPP in the country. The power output of the plant will be increased by 60MW, annual production will be increased by 80 GWh, and the cost of the project should be some 140 million dollars.

EPS has already signed 30 million euros contract for modernization of HPP Bajina Basta. The output of the plant will be increased by 30 MW, while annual production will be increased by 60 GWh.

EPS also plans to increase power output in HPP Zvornik by 25 MW, while annual production should be increased by 70 GWh. The cost of the project is estimated at some 60 million euros. The project should be started in 2010.

As for new HPPs, energy strategy of Serbia envisaged construction of HPPs Ribarici (45 MW/ 76 GWh) and Vrutci (30 MW/42 GWh) and pump storage type HPP Bistrica (680 MW), Sekeljic said.

The official also reminded that EPS had decided to start project for construction of HPP Gornja Drina in cooperation with Power utility of Republic of Srpska (ERS). This project will be one of

the key projects for EPS in the incoming period, deputy minister concluded.

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## Tenders:

### Electricity

Company / organization:	EPS, related Serbia
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#### Electricity sale on intra-daily basis

Content:	From 16.6.2008, EPS is selling electric energy on an intra-daily basis, every working day from Monday to Friday.
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Delivery point:	within the electric power system of Serbia
Minimal power of delivery:	5MW

Offers for purchase of electric energy on an intra-daily basis shall be received from 08:00 till 16:00 hrs, through the fax number +381 11 3973 760
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Deadline:	
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Contact:	Miladin Basaric, tel: +381 11 3973 185 fax: +381 11 3973 760 email: miladin.basaric@eps.rs
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Company / organization:	EPCG, related Montenegro
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#### Feasibility study - 2nd unit of TPP Pljevlja

Content:	For additional information, please contact Mr. Dobrilo Gacevic at +382 89 330 102.
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Deadline:	03.07.2008, 11:30 hrs.
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Contact:	Dobrilo Gačević; TE »Pljevlja« Tel. +382 89 330 102, Fax +38289 330 131 e-mail: epcgte@cg.yu Mr. Dobrilo Gačević Tel. +382 89 330-102, Mr. Vladimir Nikčević Tel. +38283 204-219
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Company / organization:	<b>EBRD, related Bulgaria</b>
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#### Kozloduy Nuclear Power Plant – General

Content:	The following notice refers to goods, works and services to be procured through open tendering for projects financed by the Kozloduy International Decommissioning Support Fund which is administered by the European Bank for Reconstruction and Development.
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For more information, please visit <a href="http://www.ebrd.com/oppo/procure/opps/goods/general/070803a.htm">http://www.ebrd.com/oppo/procure/opps/goods/general/070803a.htm</a>
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Deadline:	3 Aug 2008 at 24:00, Kozloduy time
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Contact:	Mr. Daryll Jones Fax. + 359 973 7 4508 E-mail: kpnu@npp.bg
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Company / organization:	EBRD, related Bulgaria
<b>Metamodul CNG for Etropole gas system</b>	
Content:	<p>This Invitation for Tenders follows the General Procurement Notice for this project which was published in Procurement Opportunities, on 29.02.2008.</p> <p>Metamodul Ltd. hereinafter referred to as the Purchaser, intends using part of the proceeds of the Kozloduy International Decommissioning Support Fund (KIDSF), administered by the European Bank for Reconstruction and Development (the Bank) towards the cost of the Project "Metamodul CNG for the Etropole gas supply system"</p> <p>The Purchaser now invites sealed tenders from Suppliers for the following contract to be funded from part of the proceeds of the grant:</p> <p>* Supply of sets of technology (technological procedures for simultaneous operation of three compressors at a main compression centre and of two compressors at an additional compression centre), and equipment (compressors - 8 numbers) for compression of natural gas and refuelling of transportable vessels and vehicles with CNG.</p> <p>Tendering for contracts is open to firms from eligible countries as of 1 April 2008. These are: EU member states, Switzerland and EBRD's countries of operation.</p>
Deadline:	2 Sept 2008 at 11:00, Sofia Time times
Contact:	<p>Mr.Christo Petkov  Purchasing entity: Metamodul Ltd.  Address: 36,Mila Rodina Street, 1408 Sofia, Bulgaria  Tel: +359 2 818 00 10  Fax:+359 2 8180020  E – mail: metamodul@gmail.co</p>

Company / organization:	EBRD, related Bosnia and Herzegovina
<b>Power Distribution Reconstruction-Substations 10(20)/0,4kV</b>	
Content:	<p>JP Elektroprivreda BiH d.d. Sarajevo (hereinafter referred to as the Purchaser) intends to use part of the proceeds of a loan from the European Bank for Reconstruction and Development (the Bank) towards the cost of Power Distribution Reconstruction Project.</p> <p>The Purchaser now invites sealed tenders from Supplier for the following contract(s) to be funded from part of the proceeds of the loan:</p> <p>Procurement of Substations 10(20)/0,4 kV  Lot 1 Prefabricated Transformer Substations 10(20)/0,4 kV  Lot 2 Distribution Transformers 10(20)/0,4 kV  Lot 3 MV Switchgears and Apparatus  Lot 4 LV Distribution Board, Cabinets, Equipment for Power Factor Correction and Fuses  Lot 5 Earthing Equipment  Lot 6 Telemetry and Radio Equipment  Tenders are invited for one or more lots. Each lot must be priced separately..</p>
Deadline:	2 Mar 2009 at 00:00, Sofia time
Contact:	<p>Mr. Nedeljko Despotović, PIU Director  Tel.+387 33 751 030; Fax.+387 33 751 033  e-mail: n.despotovic@elektroprivreda.ba</p>

Company / organization:	EBRD, related Bulgaria
<b>Construction of wood biomass heating plant in town "Triavna"</b>	
Content:	<p>The project announced within this procurement notice will be partially financed from the Kozloduy International Decommissioning Support Fund, established in 2001 for supporting the decommissioning of units 1-4 of the Kozloduy Nuclear Power Plant. One of the purposes of this Fund is to finance or co-finance the preparation and implementation of selected projects that aim the necessary restructuring, upgrading and modernisation in the energy sector and improving energy efficiency.</p> <p>This General Procurement Notice draws attention to the forthcoming tender for supply of goods and installation of equipment for the construction of a modern biomass fired heating plant and the related district heating network in town Triavna.</p> <p>The tendering includes:</p> <ol style="list-style-type: none"> <li>1. Supply of loading machine and specialised wood transporting track;</li> <li>2. Supply of district heating network pipes;</li> <li>3. Supply and installation of heating substations for customer sites.</li> </ol> <p>Overall Budget for the project is EURO 4 million, from which EURO 0.8 million will be financed from the Kozloduy International Decommissioning Support Fund.</p> <p>The invitations for tenders are expected in the third quarter of 2008. The invitations will be open to firms that qualify under the Procurement Policies and Rules of the EBRD and the KIDSF. The eligible countries as of 1 May 2008 are: EU member states, Switzerland, all so-called PHARE countries and the EBRD's Countries of Operations.</p>
Deadline:	14 May 2009 at 00:00, Sofia time
Contact:	<p>Mr. Svetlozar Todorov  Investor's representative  BioEnergia Triavna OOD  4 Trapezitsa str, entr. 4, fl. 4  Sofia 1000, Bulgaria  Email: anton.ivanov@yahoo.co.uk  Telephone/Telefax: +359 2 989 89 50</p>

Company / organization:	EBRD, related Bulgaria
<b>Metamodul CNG for the Etropole gas supply system</b>	
Content:	<p>The Kozloduy International Decommissioning Support Fund (KIDSF), administered by the European Bank for Reconstruction and Development (EBRD), was established in 2001 for the support of the decommissioning of Units 1-4 of the Kozloduy Nuclear Power Plant. One of the purposes of this Fund is to finance or co-finance preparation and implementation of selected projects that aim the necessary restructuring, upgrading and modernisation in various Bulgarian industry sectors consequential to final shutdown of Units 1 - 4 of the Kozloduy Nuclear Power Plant.</p> <p>Metamodul Ltd intends to use grants from the Kozloduy International Decommissioning Support Fund for supply of sets of technology and equipment for compression of natural gas and refuelling of vehicles with compressed natural gas (CNG).</p> <p>The budget for the project is €1.28 million  The tendering for the above contract is expected to begin in the second quarter of 2008.</p>
Deadline:	2 Mar 2009 at 00:00, Sofia time

Contact: Mr. Christo Petkov  
Tel. +359 2 818 00 10  
Fax: +359 2 818 00 20 [fax:]

Company / organization: **EBRD, related Bulgaria**

#### Replacement of transformers for CEZ Razpredelenie Bulgaria

Content: The project announced within this procurement notice will be partially financed from the Kozloduy International Decommissioning Support Fund, established in 2001 for supporting the decommissioning of units 1-4 of the Kozloduy Nuclear Power Plant. One of the purposes of this Fund is to finance or co-finance the preparation and implementation of selected projects that aim the necessary restructuring, upgrading and modernisation in the energy sector and improving energy efficiency.

This General Procurement Notice draws attention to the forthcoming tender for supply of equipment for the replacement of outdated 20/0,4 kV power transformers with new transformers of higher efficiency.

Overall Budget for the project is EURO 3,84 million from which EURO 0.76 million will be financed from the Kozloduy International Decommissioning Support Fund.

The replacement of the power transformers is planned to start by the end of 2008.

The invitation for tender is expected in the third quarter of 2008. The invitation will be open to firms that qualify under the Procurement Policies and Rules of the EBRD and the KIDSF. The eligible countries as of 1 February 2008 are: EU member states, Switzerland, all so-called PHARE countries and the EBRD's Countries of Operations.

Deadline: 14 May 2009 at 00:00, Sofia time

Contact: Mr. Atanas Dandarov  
Director management of the company  
CEZ Razpredelenie Bulgaria AD  
330, Tzar Simeon Street  
1309 Sofia, Bulgaria  
Office tel: +35928053403  
Fax: +35929862805  
e-mail: atanas.dandarov@cez.bg

Company / organization: **EBRD, related Bulgaria**

#### Ruse Integrated Energy Farm

Content: . The Kozloduy International Decommissioning Support Fund (KIDSF), administered by the European Bank for Reconstruction and Development (EBRD), was established in 2001 for the support of the decommissioning of Units 1-4 of the Kozloduy Nuclear Power Plant. One of the purposes of this Fund is to finance or co-finance preparation and implementation of selected projects that aim the necessary restructuring, upgrading and modernisation in various Bulgarian industry sectors consequential to final shutdown of Units 1 - 4 of the Kozloduy Nuclear Power Plant.

District administration Ruse intends to use the proceeds of the Grant from the Kozloduy International Decommissioning Support Fund for co-financing the establishment of an integrated energy farm, consisting:

- Supply and installation of Biomass gas generation reactor, gas cooling, gas washing and gas drying using straw
- Supply and installation of CHP plant for production of electric and thermal energy
- Supply and installation of biomass (straw) transport, handling and storage facilities
- Up-grade of the existing heat only boiler (HOB) for the utilisation of biogas

The tendering includes design, engineering, procurement, delivery, construction, installation, pre-commissioning and commissioning of works and is expected to begin in the Q III 2008.

The total expected budget of the project including the consultancy assignment is €3.4 million, from which the grant financing part is €1.56 million.

Tendering for contracts to be financed from grants of the KIDSF, is open to firms from eligible countries as of 1 April 2008. These are: EU member states, Switzerland and the EBRD's countries of operation.

Deadline: 9 May 2009 at 00:00, Ruse time

Contact: Dr. Todor Petrov  
Director  
District administration  
Ruse  
Bulgaria  
Fax : + 359 82 812 232  
Email: T.Petrov@ruse.e-gov.bg

Company / organization:	EBRD, related Romania
<b>CFR Traction Energy Network Management LOT 1,2 - General</b>	
Content:	<p>CFR Electrificare is a Beneficiary of a loan from the European Bank for Reconstruction and Development and intends to use its proceeds towards the cost of a project to continue modernisation and introduce cost-savings measures in management of its traction energy network. The proposed project, which has a total estimated cost of EUR 26 million equivalent (EUR 22m from the Bank and EUR 4m in VAT and other taxes), will require the procurement of the following goods, works and services:</p> <p>Lot 1: Supply and Installation of equipment sets for the Upgrading and Rehabilitation of 12 traction substations 110/25kV and the associated sectioning/subsectioning posts and disconnectors remote control</p> <p>Lot 2: Supply and Installation of equipment sets for the control and surveillance (SCADA) of four railway energy dispatchers: DEF Timisoara, DEF Caransebes, DEF Craiova and DEF Targu-Jiu.</p>
Deadline:	22 Oct 2008 at 00:00, Bucharest time.
Contact:	<p>Mr I Truica; Technical Director S.C. Electrificare SA B-dul D Golescu nr.38 Bucharest, Romania Tel: + 40 21 3192512; Email: ionel.truica@cfr.ro</p>

Company / organization:	<b>EBRD, related Bulgaria</b>
<b>Enemona CNG project - General</b>	
Content:	<p>The project announced within this procurement notice will be financed from the Kozloduy International Decommissioning Support Fund, established in 2001 for supporting the decommissioning of units 1- 4 of the Kozloduy Nuclear Power Plant. One of the purposes of this Fund is to finance or co-finance the preparation and implementation of selected projects that aim the necessary restructuring, upgrading and modernisation in the energy sector and improving energy efficiency.</p> <p>This General Procurement Notice draws attention to the forthcoming tender for Supply and installation of equipment for five Compressed Natural Gas vehicles in Bulgaria. The purpose is the development of a natural gas supply system in towns Svilengrad and Kardjali in South-East Bulgaria. The project includes:</p> <ul style="list-style-type: none"> <li>• Design, supply and installation of 5 vehicles for transportation of the natural gas from the compressed natural gas terminal on the high pressure distribution network to the terminals in the low pressure consumer distribution system.</li> </ul> <p>Budget for the project: €650,000. The invitation for tenders for the implementation of the project is expected in the second quarter of 2008. The invitations will be open to firms that qualify under the Procurement Policies and Rules of the EBRD and the KIDSF.</p>
Deadline:	13 Feb 2009 at 00:00, Sofia time
Contact:	<p>Mrs. Nadya Ivanova; Enemona Utilities EAD Balscha str. 1, bl. 5 1408 Sofia, Bulgaria Tel: +359 2 80 54 746; Fax: +359 2 91 79 873; e-mail: n.georgieva@enemona.com</p>

Company / organization:	<b>EBRD, related Bulgaria</b>
<b>Sofia District Heating Rehabilitation</b>	
Content:	<p>The Kozloduy International Decommissioning Support Fund (KIDSF), administered by the European Bank for Reconstruction and Development (EBRD), was established in 2001 for the support of the decommissioning of Units 1-4 of the Kozloduy Nuclear Power Plant. One of the purposes of this Fund is to finance or co-finance preparation and implementation of selected projects that aim the necessary restructuring, upgrading and modernisation in various Bulgarian industry sectors consequential to final shutdown of Units 1 - 4 of the Kozloduy Nuclear Power Plant.</p> <p>Toplofikacia Sofia AD, the joint stock district heating company serving the city of Sofia is carrying out the rehabilitation of the centralized district heating system in the city. The District Heating Rehabilitation Project comprises modernization of district heating substations, replacement of pipelines, compensators, thermal insulation of over-ground pipelines, conversion to variable flow of the Sofia district heating network.</p> <p>Toplofikacia Sofia AD intends to us grant funds of the Kozloduy International Decommissioning Support Fund (KIDSF) and own financial sources for delivery, installation, testing and commissioning of individual heating substations units for space heating and domestic hot water including heat exchangers, circulation pumps, control valves and automation devices. The budget for the project, subject of this GPN is about €2.5 million.</p>
Deadline:	13 Mar 2009 at 00:00, Sofia time
Contact:	<p>Mrs. Anastasiya Markova PIU Manager 23 Jastrebetz St., 1680 Sofia, Bulgaria Tel: +359 2 8593171 Fax:+359 2 8599124 E-mail: amarkova@toplo.bg</p>

Company / organization:	<b>EBRD, related Macedonia</b>
<b>Transmission Interconnection Project, four substations - GPN</b>	
Content:	<p>The Macedonian Transmission System Operator (AD MEPSO) has received a loan from the European Bank for Reconstruction and Development and intends to use a part of the proceeds to finance the Rehabilitation of four 400/110 kV Substations in the Power Transmission System of Macedonia in Skopje, Dubrovo and Bitola. The proposed project which has an estimated cost of EUR 5.65 million (excluding VAT) is intended to be implemented through three separate tender packages:</p> <ul style="list-style-type: none"> <li>• Package I: Lot 1: Replacement of eight 400 kV circuit breakers in substations 400/110 kV Skopje 4, Dubrovo and Bitola 2 Lot 2: Replacement of the existing protection systems for two 400/110 kV power transformers and bus coupler bay in substation 400/110 kV Dubrovo and two 400/110 kV power transformers and bus coupler bay in substation 400/110 kV Skopje 4.</li> <li>• Package II: Rehabilitation of substations 400/110 kV Skopje 4 and Dubrovo with supply and installation of new bay control units in the substations</li> <li>• Package III: Lot1: Rehabilitation of substation 400/220/110 kV Skopje 1 with supply and installation of a new control system on 110 kV level and replacement of the existing 110 kV protection system Lot2: Rehabilitation of substation 400/110 kV Bitola 2 with supply and installation of a new control system and replacement of the existing 400 kV and 110 kV protection systems.</li> </ul>
Deadline:	31 Dec 2008 at 00:00, Skopje time

Contact: Sinisa Stancevski ; Project Manager  
AD MEPSO  
Tel: +389 2 3149 018  
Fax: +389 2 3238 687

Company / organization: **EBRD, related Bulgaria**

**Varna city heating network rehabilitation KIDSF**

Content: The projects announced within this procurement notice will be partially financed from the Kozloduy International Decommissioning Support Fund, established in 2001 for supporting the decommissioning of units 1-4 of the Kozloduy Nuclear Power Plant. One of the purposes of this Fund is to finance or co-finance the preparation and implementation of selected projects that aim the necessary restructuring, upgrading and modernisation in the energy sector and improving energy efficiency.

This General Procurement Notice draws attention to the forthcoming tenders for technical specification, supply of the materials and work installation. The purpose of the project is improvement of the energy efficiency by rehabilitation of the 1/3 of the heating pipelines network, reducing energy losses. This includes the replacement of 11 km of over 20 years old steel pipes, insulated with glass wadding and laid in concrete ducts with pre-insulated steel pipes for direct bedding. The pipeline replacement concerns about 1/3 of the heat distribution network of the district heating network for heat transmission and distribution pipelines of DN 50 to DN 500.

The rehabilitation process will be provided over three years, during spring and summer periods, in order to minimize the heat supply interruption in Varna city. The first phase is planned to start in 2008, with the renewal of 4 km of pipelines, in the area of Mladost.

The main area to be tendered under the EBRD PPR for the KIDSF financing is the supply of the pre-insulated pipe and additional material.

Overall Budget for the project is €2.0 million, from which €0.4 million will be funded from the Kozloduy International Decommissioning Support Fund.

The invitation for tenders are expected in the first quarter of 2008. The invitations will be open to firms that qualify under the Procurement Policies and Rules of the EBRD and the KIDSF.

Deadline: 22 Jan 2009 at 00:00, Varna time

Contact: Mr. Ilija Nikolaev Director of the board  
Tel: +359 52 500 670  
Fax: +359 52 750 358  
e-mail: inikolaev@dalkia.bg

Company / organization: EBRD, related Romania

**CFR Traction Energy Network Management LOT 1,2 - General**

Content: This notice updates the General Procurement Notice published on EBRD Website dated 22nd July 2005 under reference 5104-GPN-36043 and updated on 24 July 2006.

CFR Electrificare is a Beneficiary of a loan from the European Bank for Reconstruction and Development and intends to use its proceeds towards the cost of a project to continue modernisation and introduce cost-savings measures in management of its traction energy network. The proposed project, which has a total estimated cost of EUR 26 million equivalent (EUR 22m from the Bank and EUR 4m in VAT and other taxes), will require the procurement of the following goods, works and services:

Lot 1: Supply and Installation of equipment sets for the Upgrading and Rehabilitation of 12 traction substations 110/25kV and the associated sectioning/subsectioning posts and disconnectors remote control

Lot 2: Supply and Installation of equipment sets for the control and surveillance (SCADA) of four railway energy dispatchers: DEF Timisoara, DEF Caransebes, DEF Craiova and DEF Targu-Jiu. Tendering for the above contracts is expected to begin in the fourth quarter of 2007.

Contracts to be financed with the proceeds of a loan from the Bank will be subject to the Bank's Procurement Policies and Rules and will be open to firms from any country. The proceeds of the Bank's loan will not be used for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations or under a law of official regulation of the Purchaser's country.

Deadline: 22 Oct 2008 at 00:00, Bucharest time

Contact: Mr I Truica, Technical Director  
S.C. Electrificare SA, B-dul D Golescu nr.38  
Bucharest, Romania  
Tel: + 40 213192512  
Email: ionel.truica@cfr.ro

Company / organization:	EBRD, related Bulgaria
<b>Rehab and Extension of Power Transmission Network LOT 1,2,3</b>	
Content:	<p>The National Electric Company – NEK-EAD (the “Employer”) intends using the proceeds of the grant funds provided by the “Kozloduy International Decommissioning Support Fund” (the “KIDSF”), administered by the European Bank for Reconstruction and Development (the “Bank”) and of its own financial sources towards the cost of the “Rehabilitation and Extension of the Power Transmission Network Project - substations Tzarevetz, Burgas, Metalurgichna”.</p> <p>The project, which has a total estimated cost of EUR 14.6 million, includes the implementation of the following three projects:</p> <p>(i) Project „Rehabilitation and extension of s/s Tzarevetz 400/110/31,5 kV” Procurement of equipment for the replacement and the extension of the 400 kV switchyard (400/110/31,5 kV equipment, shunt reactors, relay protections, control system); design works, procurement of materials, installation and erection works (foundations, steel structures, roads, cable channels, fences, commissioning and training).</p> <p>(ii) Project „Rehabilitation and extension of s/s Burgas 400/110/31,5 kV” Procurement of equipment for the replacement and the extension of the 400 kV switchyard (400/110/31,5 kV equipment, shunt reactors, relay protections, control system); design works, procurement of materials, installation and erection works (foundations, steel structures, roads, cable channels, fences, commissioning and training).</p> <p>(iii) Project „Rehabilitation of s/s Metalurgichna 400/110/31,5 kV” Procurement of equipment for the replacement of the 400 kV switchyard (400/110/31,5 kV equipment, shunt reactors, relay protections, control system); design works, procurement of materials, installation and erection works (foundations, steel structures, roads, cable channels, fences, commissioning and training).</p> <p>The Contracts in reference shall be awarded in compliance with the EBRD Procurement Policies and Rules and will be open to firms that qualify under the Rules of the KIDS Fund: The eligible countries as at 1 November 2007 are: EU member states, Switzerland, all so-called PHARE countries and the EBRD's Countries of Operations.</p>
Deadline:	13 Nov 2008 at 00:00, Sofia time
Contact:	<p>Mrs. Ludmila Vitanova Head of Investment Department Natsionalna Elektricheska Kompania 5, “Vesletz” str., 1040 Sofia BULGARIA Tel.: +359 2 9263 552 Fax: +359 2 986 12 88 E-mail: lvitanova@nek.bg</p>

## Oil and Gas

Company / organization:	EBRD, related Bulgaria
<b>Bulgartransgaz Silistra System Development</b>	
Content:	<p>Bulgartransgaz EAD intends to use the proceeds of the Grant funds provided by the Kozloduy International Decommissioning Support Fund, administered by the European Bank for Reconstruction and Development and its own resources to finance the cost and complete the Project for delivery and construction of high pressure gas pipeline to, and gas regulation station in Silistra. The Project, which has a total estimated cost of EUR 10.7 million, will require the following deliveries and construction services:</p> <p>A. Delivery of steel pipes and fittings for a gas pipeline. Delivery of about 80 km of steel pipes for high pressure gas pipeline (PN 64), most of which are DN 300 (14”) and other pipes of smaller diameter as well as fittings, required for the construction of the gas pipeline.</p> <p>B. Delivery of gas valves. Delivery of gas valves for high pressure gas pipeline (PN 64), mainly DN 300 (14”) and others of smaller diameter.</p> <p>C. Overall delivery, supervision and commissioning of technological equipment for the Unattended Gas Regulation Station (UGRS). Delivery, Supervision and Commissioning of one complete set of technological equipment for the Construction of an Unattended Gas Regulation Station. Gas Regulation Station is a facility for regulation of gas pressure, equipped with commercial metering devices.</p> <p>D. Construction of high pressure gas pipeline to, and gas regulation station in Silistra. Construction and Commissioning of about 80 km gas transmission pipeline, optical fiber cable line within the gas pipeline easement and an UGRS (including the value of the used equipment and materials, except the delivered under the above Delivery Contracts A, B and C). The construction includes:</p> <ul style="list-style-type: none"> <li>• Temporary construction and preparatory works;</li> <li>• Delivery of materials and equipment (except of those included in the Delivery Contracts (A, B and C) above);</li> <li>• Construction and installation;</li> <li>• Pre-commissioning and commissioning tests;</li> <li>• Getting Permission on Commissioning by the competent control authorities;</li> <li>• Remedy of defects within the warranty periods after the acceptance by the State Acceptance Commission and Permission for use of the constructed pipeline and UGRS.</li> </ul> <p>The Contracts in reference shall be awarded in compliance with the EBRD Procurement Policies and Rules and will be open to firms that qualify under the Rules of the KIDS Fund: The eligible countries as at 1 November 2007 are: EU member states, Switzerland, all so-called PHARE countries and the EBRD's Countries of Operations. The proceeds of the Grant shall not be used for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations or under a law or official regulation of the purchaser's country.</p>
Deadline:	3 Nov 2008 at 00:00, Sofia time.
Contact:	<p>Mr. Angel Semerdjiev Executive Director Bulgartransgaz EAD 66, Pancho Vladigerov Blvd. Sofia 1336 Bulgaria Fax : + 359 29396462 e-mail: Silistra@bulgartransgaz.bg</p>