



European Union



Bulgaria – Serbia
IPA Cross-border Programme

A P P E N D I X

Energy Consumption Analysis and Measures to Improve Energy Efficiency in Primary and Secondary Schools in Niš

**MONTHLY DATA ON ENERGY CONSUMPTION OF SCHOOLS IN
NIŠ IN YEAR 2010**



European Union



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ENERGY CONSUMPTION IN SCHOOLS-JANUARY 2010

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWth]	Monthly heat-energy consumption [RSD]	Monthly heat-energy consumption [RSD]	Monthly electrical-energy consumption [kWth]	Type of heating	Monthly primary electrical-energy consumption [kWth]	Monthly primary energy of heat-energy consumption [kWth]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWth/m ²]	Specific monthly primary energy consumption [kWth/m ²]
PS Dušan Radović	5600	4046	17800.00	104293.01	74176.67	304472.46	104293.01	44500.00	100%-district heating	44500.00	133518.00	178018.00	1330	33.91	3.18	13.25	31.79
PS Čele Kula	3756	3756	2118.00	13122.77	68860.00	285628.00	13122.77	5295.00	100%-district heating	5295.00	123948.00	129243.00	460	23.85	0.56	18.33	34.41
PS Čegar	3316	3316	7150.00	43559.50	60793.33	223006.25	43559.50	17875.00	100%-fuel oil	17875.00	72952.00	90827.00	44	20.81	2.16	18.33	27.39
PS Učitelj Tasa	4536	4536	6140.00	53578.97	83160.00	222585.11	53578.97	15350.00	100%-district heating	15350.00	149688.00	165038.00	448	30.70	1.35	18.33	36.38
PS Franko Mijlković - main school	3983	3983	7680.00	46790.00	73021.67	282585.11	46790.00	19200.00	50%-district heating, 50%-fuel oil	19200.00	109532.50	128732.50	358	26.34	1.93	18.33	32.32
PS Bubański Heroji	2822	2822	7453.00	38681.60	51736.67	242408.06	38681.60	18632.50	100%-fuel oil	18632.50	62084.00	80716.50	170	18.44	2.64	18.33	28.60
PS Bubański Heroji Milka Protić	270	270	4803.00	20975.39	49500.00	8315.33	20975.39	12007.50	100%-coal	12007.50	6435.00	18442.50	25	4.13	17.79	18.33	68.31
PS Ivo Andrej Ranko Jović	2448	2448	5188.00	31249.17	44880.00	187206.07	31249.17	12970.00	100%-district heating	12970.00	80784.00	93754.00	445	17.56	2.12	18.33	38.30
PS Ivo Andrej Donji Komen	430	430	2061.00	12537.56	7883.33	13449.70	12537.56	5152.50	85%-lignite, 15%-electricity	5152.50	10248.33	15400.83	113	3.61	4.79	18.33	35.82
PS Kole Rašić	3588	3588	2130.00	15992.83	65780.00	183333.33	15992.83	5325.00	100%-fuel oil	5325.00	78936.00	84261.00	450	19.55	0.59	18.33	23.48
PS Krajić Petar I	2913	640	10480.00	98285.68	11733.33	206759.95	98285.68	26200.00	100%-district heating	26200.00	21120.00	47320.00	837	9.43	3.60	4.03	16.24
PS Krajić Petar I small Pasi Poljana	142	142	748.00	4535.68	2603.33	4407.50	4535.68	1870.00	100%-coal	1870.00	3384.33	5254.33	40	1.23	5.27	18.33	37.00
PS Krajić Petar Pasi Poljana new school	1300	1300	977.00	2891.20	2383.33	46067.68	2891.20	2442.50	100%-fuel oil	2442.50	28600.00	31042.50	no data	7.19	0.75	18.33	23.88
PS Miroslav Antić	2200	2200	10050.00	61237.55	40333.33	210106.27	61237.55	25125.00	100%-district heating	25125.00	72600.00	97725.00	2642	18.64	4.57	18.33	44.42
PS Miroslav Antić Donja Vrežina	150	150	2433.00	14000.57	2750.00	9256.55	14000.57	6082.50	100%-district heating	6082.50	4950.00	11032.50	0	2.20	16.22	18.33	73.55
PS Stevan Šušić	693	650	2508.00	3384.41	11916.67	28333.33	3384.41	6270.00	100%-fuel oil	6270.00	14300.00	20570.00	no data	4.67	3.62	17.20	29.68
PS Sveti Sava	7400	6876	8820.00	55956.94	126060.00	522893.03	55956.94	22050.00	100%-district heating	22050.00	226908.00	248958.00	4968	46.27	1.19	17.04	33.64
PS Radoje Domanić	7221	4199	11600.00	93596.61	76981.67	323459.21	93596.61	29000.00	100%-district heating	29000.00	138567.00	167567.00	116	31.55	1.61	10.66	23.21
Special school 14.oktobar	2495	2495	4249.00	24617.00	45741.67	522025.00	24617.00	10622.50	100%-fuel oil	10622.50	54890.00	65125.00	137	15.06	1.70	18.33	26.26
PS Car Konstantin	4336	4336	10737.00	65648.72	79493.33	329734.68	65648.72	26842.50	100%-district heating	26842.50	143088.00	169930.50	284	31.92	2.48	18.33	39.19
PS Ranko Vukićević	4000	3925	7120.00	62229.51	71958.33	298529.96	62229.51	17800.00	100%-district heating	17800.00	129525.00	147325.00	595	27.52	1.78	17.99	36.83
PS Stefan Nenauja	3082	3082	4080.00	25082.00	56503.33	346239.60	25082.00	10200.00	100%-fuel oil	10200.00	67804.00	78004.00	129	17.98	1.32	18.33	25.31
PS Vuk Karadžić	2145	2145	15926.00	49300.34	39325.00	206592.04	49300.34	39815.00	100%-district heating	39815.00	70785.00	110600.00	107	21.42	7.42	18.33	51.56
PS Sreten Mladenović Mika	2524	1943	6000.00	36549.24	35621.67	147762.68	36549.24	15000.00	100%-district heating	15000.00	64119.00	79119.00	749	14.94	2.38	14.11	31.35
PS Vožd Karadonje	3276	3276	6510.00	39239.00	60060.00	167290.90	39239.00	16275.00	100%-district heating	16275.00	108108.00	124383.00	63	23.27	1.99	18.33	37.97
Special school Bubañi	4200	4200	11520.00	70737.81	77000.00	647383.84	70737.81	28800.00	100%-fuel oil	28800.00	92400.00	121200.00	74	27.67	2.74	18.33	28.86
PS Ivan Goran Kovačić Niška Banja	2530	2530	5908.00	35917.00	46383.33	149500.00	35917.00	14770.00	98%-fuel oil, 2%-electricity	14770.00	55660.00	70430.00	122	16.12	2.34	18.33	27.84
PS Branislav Nušić Donja Trnava	1385	1100	769.00	8600.57	20166.67	65577.50	8600.57	1922.50	100%-fuel oil	1922.50	24200.00	26122.50	71	6.05	0.56	14.56	18.86
PS Branislav Nušić Gorinja Toponica	182	145	104.00	710.84	2658.33	3045.00	710.84	260.00	100%-coal and fire wood	260.00	3455.83	3715.83	3	0.91	0.57	14.61	20.42
PS Branislav Nušić Gorinja Trnava	122	70	48.00	483.26	1283.33	2172.50	483.26	120.00	100%-coal and fire wood	120.00	1668.33	1788.33	no data	0.44	0.39	10.52	14.66
PS Branislav Nušić Sečanjica	181	140	2518.00	15722.80	2566.67	3045.00	15722.80	6295.00	100%-coal and fire wood	6295.00	3336.67	9631.67	no data	2.16	13.91	14.18	53.21

Table 1. Energy consumption in schools-january 2010



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PS Branislav Nisik Mezgajia	182	145	237.00	1601.56	2658.33	3045.00	3045.00	3045.00	592.50	3455.83	4048.33	no data	0.98	1.30	14.61	22.24
PS Branislav Nisik Supovae	136	110	685.00	4387.37	2016.67	2172.50	2172.50	2172.50	1712.50	2621.67	4334.17	no data	1.01	5.04	14.83	31.87
PS Karadorde Gorjii Matejevac - main school	1191	1056	1379.00	8333.43	19360.00	156179.60	156179.60	156179.60	3447.50	23232.00	26679.50	no data	6.15	1.16	16.26	22.40
PS Karadorde Gorjii Matejevac - sports hall	355	355	397.00	2347.28	6508.33	no data	no data	no data	992.50	7810.00	8802.50	no data	2.03	1.12	18.33	24.80
PS Karadorde Gorjii Matejevac - library, presschool, kitchen	240	240	1166.00	7032.02	4400.00	6456.67	6456.67	6456.67	2915.00	5720.00	8635.00	no data	2.03	4.86	18.33	35.98
PS Karadorde Donji Matejevac	262	240	529.00	3247.44	4400.00	no data	no data	no data	1322.50	5280.00	6602.50	no data	1.51	2.02	16.79	25.20
PS Karadorde Knez sabo	262	240	0.00	638.40	4400.00	no data	no data	no data	0.00	5720.00	5720.00	no data	1.41	0.00	16.79	21.83
PS Milan Rakic Medosovac	1572	1532	5287.00	32349.96	28086.67	no data	no data	no data	13217.50	36512.67	49730.17	no data	11.79	3.36	17.87	31.63
PS Milan Rakic Popovac	1196	988	2760.00	18089.16	18113.33	no data	no data	no data	6900.00	23547.33	30447.33	0	7.26	2.31	15.14	25.46
PS Vojislav Ilic Mladi Hum	1075	931	2912.00	14468.55	17068.33	107700.00	107700.00	107700.00	7280.00	20482.00	27762.00	no data	6.32	2.71	15.88	25.83
PS Vojislav Ilic Mladi Konnen	128	65	no data	no data	1191.67	2083.33	2083.33	2083.33	no data	1549.17	no data	no data	no data	no data	9.31	no data
PS Vojislav Ilic Mladi Rujnik	202	74	0.00	0.00	1356.67	1666.67	1666.67	1666.67	0.00	1763.67	1763.67	no data	0.43	0.00	6.72	8.73
PS Vojislav Ilic Mladi Leskovik	74	47	no data	no data	861.67	1750.00	1750.00	1750.00	no data	1120.17	no data	no data	no data	no data	11.64	no data
PS Jovan Ivanovic Zmaj Orovac	214	120	33.00	422.30	2200.00	5833.33	5833.33	5833.33	82.50	2860.00	2942.50	no data	0.72	0.15	10.28	13.75
PS Jovan Ivanovic Zmaj Makla	1320	600	3720.00	23321.00	11000.00	30000.00	30000.00	30000.00	9300.00	14300.00	23600.00	no data	5.49	2.82	8.33	17.88
PS Jovan Ivanovic Zmaj Vrelo	140	95	0.00	288.19	1741.67	4166.67	4166.67	4166.67	0.00	2264.17	2264.17	no data	0.56	0.00	12.44	16.17
PS Jovan Ivanovic Zmaj Paspjaka	197	95	15.00	349.15	1741.67	4166.67	4166.67	4166.67	37.50	2264.17	2301.67	no data	0.57	0.08	8.84	11.68
PS Branko Mijkovac Sivi Do	250	250	52.00	638.00	4583.33	7641.00	7641.00	7641.00	130.00	5958.33	6088.33	28	1.49	0.21	18.33	24.35
PS Branko Radicevic Vokmanovo	163	163	140.00	638.00	2988.33	5390.67	5390.67	5390.67	350.00	3884.83	4234.83	no data	1.03	0.86	18.33	25.98
PS Branko Radicevic Berbatovo	300	120	65.00	638.00	2200.00	2060.58	2060.58	2060.58	162.50	2860.00	3022.50	no data	0.74	0.22	7.33	10.08
PS Branko Radicevic Gabrovac	1057	1057	1804.00	10944.00	19378.33	67528.67	67528.67	67528.67	4510.00	23254.00	27764.00	139	6.38	1.71	18.33	26.27
PS Desanka Maksimovic Dvojte Medurovo	200	200	503.00	3277.00	3666.67	6574.00	6574.00	6574.00	1257.50	4766.67	6024.17	26	1.44	2.52	18.33	30.12
PS Desanka Maksimovic Cokot	1400	1400	4420.00	26917.00	25666.67	197158.20	197158.20	197158.20	11050.00	30800.00	41850.00	68	9.53	3.16	18.33	29.89
PS Desanka Maksimovic Knasec	200	200	27.60	1918.00	3666.67	6574.00	6574.00	6574.00	690.00	4766.67	5456.67	6	1.32	1.38	18.33	27.28
PS Desanka Maksimovic Gomje Medurovo	200	200	432.00	2845.00	3666.67	4895.00	4895.00	4895.00	1080.00	4766.67	5846.67	18	1.40	2.16	18.33	29.23
PS Desanka Maksimovic Novo Seb	640	640	2042.00	12659.00	11733.33	20848.00	20848.00	20848.00	5105.00	15253.33	20358.33	60	4.84	3.19	18.33	31.81
PS Desanka Maksimovic Mramor	150	150	no data	no data	2750.00	4045.00	4045.00	4045.00	no data	3575.00	no data	no data	no data	no data	18.33	no data
PS Desanka Maksimovic Mramorski potok	200	120	821.00	7865.00	2200.00	4324.00	4324.00	4324.00	2052.50	2860.00	4912.50	no data	1.14	4.11	11.00	24.56
PS Desanka Maksimovic Bubujii village	70	70	901.00	5116.00	1283.33	3324.33	3324.33	3324.33	2252.50	1668.33	3920.83	5	0.89	12.87	18.33	56.01
PS Desanka Maksimovic Lainae	200	200	795.00	4015.00	3666.67	6574.00	6574.00	6574.00	1987.50	4766.67	6754.17	18	1.59	3.98	18.33	33.77
PS Dusan Taskovic Sredko Osovica vilage	576	400	255.00	1324.00	7333.33	118560.00	118560.00	118560.00	637.50	9533.33	101708.83	no data	2.48	0.44	12.73	17.66
PS Dusan Taskovic Sredko Osovica	100	60	no data	638.40	11000.00	58440.00	58440.00	58440.00	no data	1430.00	no data	no data	no data	no data	11.00	no data

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PS Dušan Tasković Sredko	1052	637	2856.00	17475.22	11678.33	168600.00	100%-lignite, fire wood	7090.00	15181.83	15181.83	22271.83	no data	5.24	2.70	11.10	21.17
PS Dura Jakšić Prosek	167	88	0.00	44929.00	1613.33	55620.00	100%-lignite, fire wood	0.00	2097.33	2097.33	2097.33	no data	0.52	0.00	9.66	12.56
PS Dura Jakšić Jelašnica	750	595	1006.00	6201.30	10908.33	253560.00	100%-coal and fire wood	2515.00	14180.83	14180.83	16695.83	155	4.02	1.34	14.54	22.26
PS Dura Jakšić Doga Stuzana	563	250	203.00	1463.00	4583.33	85240.00	100%-coal and fire wood	507.50	5958.33	5958.33	6465.83	14	1.57	0.36	8.14	11.48
PS Dura Jakšić Čukljenik	106	57	no data	638.40	1045.00	29220.00	100%-lignite, fire wood	no data	1358.50	1358.50	no data	no data	no data	no data	9.86	no data
PS Dura Jakšić Jelašnica	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
PS Dura Jakšić Refektoris	no data	no data	no data	288.19	no data	no data	100%-coal and fire wood	no data	no data	no data	no data	no data	no data	no data	no data	no data
PS Ivo Andrić Ćuruplija	240	240	76.00	932.16	4400.00	35309.00	90%-fuel oil, 10%-elenergy	190.00	5280.00	5280.00	5470.00	no data	1.27	0.32	18.33	22.79
PS Lehi Popović Krvlje	405	60	no data	no data	1100.00	21360.00	100%-lignite, fire wood	no data	1430.00	1430.00	no data	no data	no data	no data	2.72	no data
PS Lehi Popović Mijlkovac	624	624	791.00	5531.94	11440.00	95160.00	100%-coal and fire wood	1977.50	14872.00	14872.00	16849.50	22	4.08	1.27	18.33	27.00
PS Lehi Popović Paligrace	316	66	no data	312.64	1210.00	21360.00	100%-lignite, fire wood	no data	1573.00	1573.00	no data	no data	no data	no data	3.83	no data
PS Lehi Popović Paljina	72	42	no data	312.64	770.00	no data	100%-lignite, fire wood	no data	1001.00	1001.00	no data	no data	no data	no data	10.69	no data
PS Lehi Popović Velepollye	402	116	no data	312.64	2126.67	27540.00	100%-lignite, fire wood	no data	2764.67	2764.67	no data	no data	no data	no data	5.29	no data
PS Prvi Maj Vrište	180	160	0.00	690.11	2933.33	86400.00	100%-coal and fire wood	0.00	3813.33	3813.33	3813.33	10	0.94	0.00	16.30	21.19
PS Pagar Jusenovic	1800	1519	4640.00	49660.00	27848.33	159460.00	100%-fuel oil	11600.00	33418.00	33418.00	45018.00	107	10.26	2.58	15.47	25.01
PS Stevan Štedeljic Bilenca	328	154	no data	no data	2823.33	no data	100%-coal	no data	3670.33	3670.33	no data	no data	no data	no data	8.61	no data
PS Stevan Štedeljic Cerje	295	108	no data	no data	1980.00	no data	100%-coal	no data	2574.00	2574.00	no data	no data	no data	no data	6.71	no data
PS Čegar Gorinja Vrežina	532	532	208.00	1504.02	9753.33	56950.00	100%-fuel oil	520.00	11704.00	11704.00	12224.00	9	2.84	0.39	18.33	22.98
PS Čegar Jusenovic	116	116	0.00	288.19	2126.67	35000.00	100%-coal and fire wood	0.00	2764.67	2764.67	2764.67	no data	0.68	0.00	18.33	23.83
PS Ivan Goran Kovačić Prva Kučina	380	177	0.00	0.00	3245.00	40556.00	90%-lignite, 10%-elenergy	0.00	4218.50	4218.50	4218.50	12	1.04	0.00	8.54	11.10
PS Ivan Goran Kovačić Nikola Tesla	450	400	929.00	5673.00	7333.33	106955.00	98%-coal, 2%-elenergy	2322.50	9533.33	9533.33	11855.83	21	2.84	2.06	16.30	26.35
PS Ivan Goran Kovačić Brzi Brod	2500	2500	7540.00	68525.00	45833.33	43066.67	96%-coal, 4%-elenergy	18850.00	59583.33	59583.33	78433.33	104	18.66	3.02	18.33	31.37
Electro-technical school Mija Stanićević	3250	3250	74760.00	405656.44	59583.33	no data	100%-el energy	186900.00	0.00	0.00	186900.00	8	71.20	23.00	18.33	57.51
Gimnazium Stevan Sremac	2588	2588	4274.00	26128.33	47446.67	196827.57	100%-district heating	10685.00	85404.00	85404.00	96089.00	81	17.92	1.65	18.33	37.13
Gimnazium Bora Stanković	2588	2588	4274.00	26128.33	47446.67	196827.57	100%-district heating	10685.00	85404.00	85404.00	96089.00	81	17.92	1.65	18.33	37.13
Gimnazium 9. maj	2389	2297	4550.00	28883.94	42111.67	181697.45	100%-district heating	11375.00	75801.00	75801.00	87176.00	138	16.31	1.90	17.63	36.49
Construction school Nainaur	2439	2439	no data	no data	44715.00	502465.76	100%-district heating	no data	80487.00	80487.00	no data	no data	no data	no data	18.33	no data
Nainaur - polygon	1200	1200	1016.00	6452.23	22000.00	27764.67	80%-coal, 20%-elenergy	2540.00	28600.00	28600.00	31140.00	69	7.58	0.85	18.33	25.95
Medical school dr. Milenko Hadžić	2615	2615	no data	72140.31	47941.67	271854.40	100%-fuel oil	no data	57530.00	57530.00	no data	no data	no data	no data	18.33	no data
Musical school	1195	1195	2220.00	13484.45	21908.33	91027.05	100%-district heating	5550.00	39435.00	39435.00	44985.00	40	8.41	1.86	18.33	37.64
Legal biotechnical school	2592	2592	no data	63402.69	47520.00	213085.31	95%-fuel oil, 5%-elenergy	no data	57024.00	57024.00	no data	no data	no data	no data	18.33	no data

Table 1. Energy consumption in schools-january 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
Chemical and food technological school	1650	1576	6582.00	66490.00	28893.33	100%-district heating	16455.00	52008.00	68463.00	405	13.02	3.99	17.51	41.49
Gimnazium Svetozar Marković	2663	2273	9912.00	36439.00	41671.67	100%-district heating	24780.00	75009.00	99789.00	113	19.01	3.72	15.65	37.47
School of fashion and beauty-main	983	763	5780.00	47699.00	13988.33	95%-district heating, 5%-e-energy	14450.00	25179.00	39629.00	223	7.68	5.88	14.23	40.31
School of fashion and beauty 2	682	520	9550.00	73812.00	9533.33	100%-e-energy	23875.00	0.00	23875.00	0	10.11	14.00	13.98	35.01
Technical school 12. februar	3041	3041	11850.00	97766.00	55751.67	100%-district heating	29625.00	100353.00	129978.00	148	24.68	3.90	18.33	42.74
Art school	2635	2539	7365.00	76305.22	46548.33	100%-district heating	18412.50	83787.00	102199.50	171	19.26	2.80	17.67	38.79
Mechanical school	3995	3995	no data	no data	73241.67	100%-district heating	no data	131835.00	no data	98	no data	no data	18.33	no data
Electro-technical school Nikola Tesla	5226	3227	4640.00	28905.77	59161.67	100%-district heating	11600.00	106491.00	118091.00	75	21.98	0.89	11.32	22.60
School for hospitality and tourism	3737	3737	5418.00	39611.00	68511.67	100%-fuel oil	13545.00	82214.00	95759.00	247	22.05	1.45	18.33	25.62
School for economics	3737	3737	7225.00	52815.00	68511.67	100%-fuel oil	18062.50	82214.00	100276.50	329	23.01	1.93	18.33	26.83
School for trade	3737	3737	5418.00	39611.00	68511.67	100%-fuel oil	13545.00	82214.00	95759.00	247	22.05	1.45	18.33	25.62
Technical school 15. maj	3041	3041	11850.00	97766.00	55751.67	99%-district heating, 1%-e-energy	29625.00	100353.00	129978.00	148	24.68	3.90	18.33	42.74

Table 1. Energy consumption in schools-january 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

ENERGY CONSUMPTION IN SCHOOLS-FEBRUARY 2010

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Monthly primary energy of electrical-energy consumption [kWh]	Type of heating	Monthly primary energy of electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dženan Redović	5600	4046	23400.00	12451.23	74176.67	304472.46	58500.00	100%-district heating	58500.00	133518.00	192018.00	1355	36.88	4.18	13.25	34.29
PS Ćeke Kuh	3756	3756	4318.00	26235.01	68860.00	285628.00	10795.00	100%-district heating	10795.00	123948.00	134743.00	313	25.01	1.15	18.33	35.87
PS Ćegar	3316	3316	7484.00	45595.50	60793.33	223006.25	18710.00	100%-fuel oil	18710.00	72952.00	91662.00	50	20.99	2.26	18.33	27.64
PS Učitelj Tasa	4536	4536	7020.00	59622.60	83160.00	256793.63	17550.00	100%-district heating	17550.00	149688.00	167238.00	407	31.16	1.55	18.33	36.87
PS Branko Miljković - main school	3983	3983	8760.00	53373.00	73021.67	281577.83	21900.00	50%-district heating, 50%-fuel oil	21900.00	109532.50	131432.50	107	26.91	2.20	18.33	33.00
PS Babunjski Heroji	2822	2822	11508.00	59628.26	51736.67	242408.06	28770.00	100%-fuel oil	28770.00	62084.00	90854.00	101	20.59	4.08	18.33	32.19
PS Babunjski Heroji Milka Protić	270	270	5808.00	29685.27	4950.00	8315.33	14520.00	100%-coal	14520.00	6435.00	20955.00	32	4.66	21.51	18.33	77.61
PS Ivo Andrić Ranko Jovčević	2448	2448	6133.00	37009.78	44880.00	187206.07	15332.50	100%-district heating	15332.50	80784.00	96116.50	362	18.06	2.51	18.33	39.26
PS Ivo Andrić Donji Komnen	430	430	2161.00	13100.42	7883.33	13449.70	5402.50	85%-lignite, 15%-electricity	5402.50	10248.33	15650.83	145	3.67	5.03	18.33	36.40
PS Kole Rašić	3588	3588	8520.00	59157.90	65780.00	183333.33	21300.00	100%-fuel oil	21300.00	78936.00	100236.00	85	22.93	2.37	18.33	27.94
PS Kralj Petar I	2913	640	10560.00	96458.70	11733.33	221514.37	26400.00	100%-district heating	26400.00	21120.00	47520.00	40	9.47	3.63	4.03	16.31
PS Kralj Petar I small Psi Poljana	142	142	644.00	3852.96	2603.33	4407.50	1610.00	100%-coal	1610.00	3384.33	4994.33	40	1.17	4.54	18.33	35.17
PS Kralj Petar Psi Poljana new school	1300	1300	1600.00	4296.71	2383.33	46067.68	4000.00	100%-fuel oil	4000.00	28600.00	32600.00	no data	7.52	1.23	18.33	25.08
PS Miroslav Antić	2200	2200	11010.00	67089.60	40333.33	210106.27	27525.00	100%-district heating	27525.00	72600.00	100125.00	1970	19.15	5.00	18.33	45.51
PS Miroslav Antić Donja Vrežina	150	150	1227.00	7453.60	2750.00	9256.55	3067.50	100%-district heating	3067.50	4950.00	8017.50	113	1.56	8.18	18.33	53.45
PS Stjepan Sindrić	693	650	21978.00	26425.23	11916.67	28333.33	54945.00	100%-fuel oil	54945.00	14300.00	69245.00	no data	14.99	31.71	17.20	99.92
PS Sveti Sava	7400	6876	13140.00	83772.94	126060.00	522893.03	32850.00	100%-district heating	32850.00	226908.00	259758.00	4807	48.56	1.78	17.04	35.10
PS Radoje Domnović	7221	4199	11950.00	96400.90	76981.67	323459.21	29875.00	100%-district heating	29875.00	138567.00	168442.00	198	31.74	1.65	10.66	23.33
Special school 14.oktobar	2495	2495	5122.00	29568.35	45741.67	522025.00	12805.00	100%-fuel oil	12805.00	54890.00	67695.00	137	15.52	2.05	18.33	27.13
PS Car Konstantin	4336	4336	7169.00	44555.41	79493.33	329734.68	17922.50	100%-district heating	17922.50	143088.00	161010.50	451	30.03	1.65	18.33	37.13
PS Ratko Vukičević	4000	3925	10800.00	80360.29	71958.33	298529.96	27000.00	100%-district heating	27000.00	129525.00	156325.00	481	29.47	2.70	17.99	39.13
PS Stefan Nemanja	3082	3082	5850.00	39570.00	56503.33	346239.60	14625.00	100%-fuel oil	14625.00	67804.00	82429.00	135	18.92	1.90	18.33	26.75
PS Vuk Karadžić	2145	2145	17198.30	46700.85	39325.00	206592.04	42995.75	100%-district heating	42995.75	70785.00	113780.75	197	22.09	8.02	18.33	53.04
PS Stetin Mladenović Mka	2524	1943	6080.00	37250.26	35621.67	147765.68	15200.00	100%-district heating	15200.00	64119.00	79319.00	753	14.98	2.41	14.11	31.43
PS Vožli Kandonde	3276	3276	8200.00	53006.00	60060.00	167290.90	20500.00	100%-district heating	20500.00	108108.00	128608.00	47	24.17	2.50	18.33	39.26
Special school Bubunji	4200	4200	14960.00	91749.36	77000.00	647383.84	37400.00	100%-fuel oil	37400.00	92400.00	129800.00	69	29.49	3.56	18.33	30.90
PS Ivan Goran Kovačić Niska Banja	2530	2530	6259.00	38150.00	46383.33	149500.00	15647.50	98%-fuel oil 2%-electricity	15647.50	55660.00	71307.50	241	16.30	2.47	18.33	28.18
PS Branislav Nušić Donja Trnava	1385	1100	782.00	9631.28	20166.67	65577.50	1955.00	100%-fuel oil	1955.00	24200.00	26155.00	31	6.06	0.56	14.56	18.88
PS Branislav Nušić Gorinji Toponica	182	145	1700.00	979.06	2658.33	3045.00	425.00	100%-coal and fire wood	425.00	3455.83	3880.83	9	0.94	0.93	14.61	21.32
PS Branislav Nušić Gorinji Trnava	122	70	50.00	491.39	1283.33	2172.50	125.00	100%-coal and fire wood	125.00	1668.33	1793.33	no data	0.44	0.41	10.52	14.70
PS Branislav Nušić Sečane	181	140	4295.00	26129.72	2566.67	3045.00	10737.50	100%-coal and fire wood	10737.50	3336.67	14074.17	no data	3.10	23.73	14.18	77.76

Table 2. Energy consumption in schools-february 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Monthly heating energy consumption [kWh]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy of heat-consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Branislav Nušić Mezegraja	182	145	85.00	983.84	2658.33	3045.00	100%-coal and fire wood	212.50	3455.83	3668.33	3668.33	no data	0.90	0.47	14.61	20.16
PS Branislav Nušić Srpovac	136	110	1007.00	6112.51	2016.67	2172.50	100%-coal and fire wood	2517.50	2621.67	5139.17	5139.17	no data	1.18	7.40	14.83	37.79
PS Kandarofe Gornji Matejevac-main school	1191	1056	1554.00	9495.72	19360.00	156179.60	100%-fuel oil	3885.00	23232.00	27117.00	27117.00	no data	6.24	1.30	16.26	22.77
PS Kandarofe Gornji Matejevac-sports hall	355	355	425.00	2613.46	6508.33	no data	1062.50	7810.00	8872.50	8872.50	8872.50	no data	2.05	1.20	18.33	24.99
PS Kandarofe Gornji Matejevac-library, preschool, kitchen	240	240	1377.00	8416.74	4400.00	6456.67	100%-coal and fire wood	3442.50	5720.00	9162.50	9162.50	no data	2.14	5.74	18.33	38.18
PS Kandarofe Donji Matejevac	262	240	649.00	3978.95	4400.00	no data	1622.50	5280.00	6902.50	6902.50	6902.50	no data	1.58	2.48	16.79	26.35
PS Kandarofe Knez sebo	262	240	963.00	5275.34	4400.00	no data	2407.50	5720.00	8127.50	8127.50	8127.50	no data	1.92	3.68	16.79	31.02
PS Milan Rakic Medoševac	1572	1552	5287.00	34410.37	28086.67	no data	13217.50	36512.67	49730.17	49730.17	49730.17	no data	11.79	3.36	17.87	31.63
PS Milan Rakic Popovac	1196	988	4618.00	24220.90	18113.33	no data	11545.00	23547.33	35092.33	35092.33	35092.33	97	8.24	3.86	15.14	29.34
PS Vojislav Ilic Mladi Ham	1075	931	2614.00	13089.23	17068.33	107700.00	100%-fuel oil	6535.00	20482.00	27017.00	27017.00	no data	6.16	2.43	15.88	25.13
PS Vojislav Ilic Mladi Komnen	128	65	no data	no data	1191.67	2083.33	100%-ignite, fire wood	no data	1549.17	no data	no data	no data	no data	no data	9.31	no data
PS Vojislav Ilic Mladi Rujnik	202	74	0.00	0.00	1356.67	1666.67	100%-ignite, fire wood	0.00	1763.67	1763.67	1763.67	no data	0.43	0.00	6.72	8.73
PS Vojislav Ilic Mladi Leskovic	74	47	no data	no data	861.67	1750.00	100%-ignite, fire wood	no data	1120.17	no data	no data	no data	no data	no data	11.64	no data
PS Jovan Ivanovic Zrnaj Orovac	214	120	49.00	487.33	2200.00	583.33	100%-ignite, fire wood	122.50	2860.00	2982.50	2982.50	no data	0.73	0.23	10.28	13.94
PS Jovan Ivanovic Zrnaj Malca	1320	600	3357.00	20486.58	11000.00	30000.00	98%-coal, 2-el.energy	8392.50	14300.00	22692.50	22692.50	no data	5.30	2.54	8.33	17.19
PS Jovan Ivanovic Zrnaj Vrelo	140	95	58.00	523.90	1741.67	4166.67	100%-ignite	145.00	2264.17	2409.17	2409.17	no data	0.59	0.41	12.44	17.21
PS Jovan Ivanovic Zrnaj Pajisica	197	95	15.00	288.19	1741.67	4166.67	100%-ignite	37.50	2264.17	2301.67	2301.67	no data	0.57	0.08	8.84	11.68
PS Branko Radicevic Vukranovo	250	250	91.00	1008.00	4583.33	7641.00	100%-coal and fire wood	227.50	5958.33	6185.83	6185.83	4	1.51	0.36	18.33	24.74
PS Branko Radicevic Vukranovo	163	163	140.00	1207.00	2988.33	5390.67	100%-coal and fire wood	350.00	3884.83	4234.83	4234.83	no data	1.03	0.86	18.33	25.98
PS Branko Radicevic Berbatovo	300	120	59.00	1191.00	2200.00	2060.58	100%-coal and fire wood	147.50	2860.00	3007.50	3007.50	no data	0.74	0.20	7.33	10.03
PS Branko Radicevic Gahrovac	1057	1057	2081.00	12632.00	19378.33	67528.67	100%-fuel oil	5202.50	23254.00	28456.50	28456.50	145	6.53	1.97	18.33	26.92
PS Desanka Maksimovic Dornje Medurovo	200	200	782.00	4740.00	3666.67	6574.00	100%-coal	1955.00	4766.67	6721.67	6721.67	22	1.59	3.91	18.33	33.61
PS Desanka Maksimovic Cokot	1400	1400	68.00	564.00	25666.67	197158.20	100%-fuel oil and propane-butane	170.00	30800.00	30970.00	30970.00	77	7.22	0.05	18.33	22.12
PS Desanka Maksimovic Krusce	200	200	309.00	1894.00	3666.67	6574.00	100%-coal and fire wood	772.50	4766.67	5539.17	5539.17	no data	1.34	1.55	18.33	27.70
PS Desanka Maksimovic Gornje Medurovo	200	200	570.00	3448.00	3666.67	4895.00	100%-coal and fire wood	1425.00	4766.67	6191.67	6191.67	18	1.48	2.85	18.33	30.96
PS Desanka Maksimovic Novo Selo	640	640	3038.00	18493.00	11733.33	20848.00	100%-coal and fire wood	7595.00	15253.33	22848.33	22848.33	71	5.36	4.75	18.33	35.70
PS Desanka Maksimovic Mramor	150	150	no data	no data	2750.00	4045.00	100%-ignite, fire wood	no data	3575.00	no data	no data	no data	no data	no data	18.33	no data
PS Desanka Maksimovic Mramor Mrazanski potok	200	120	0.00	0.00	2200.00	4324.00	100%-ignite, fire wood	0.00	2860.00	2860.00	2860.00	no data	0.70	0.00	11.00	14.30
PS Desanka Maksimovic Bataj village	70	70	987.00	5640.00	1283.33	3324.33	100%-ignite, fire wood	2467.50	1668.33	4135.83	4135.83	no data	0.93	14.10	18.33	59.08
PS Desanka Maksimovic Linaac	200	200	607.00	3674.00	3666.67	6574.00	100%-ignite, fire wood	1517.50	4766.67	6284.17	6284.17	10	1.50	3.04	18.33	31.42
PS Dušan Taskovic Strecko Ostrova village	576	400	186.00	1044.08	7333.33	118560.00	100%-ignite, fire wood	465.00	9533.33	9988.33	9988.33	no data	2.45	0.32	12.73	17.36
PS Dušan Taskovic Strecko Ostrova	100	60	no data	638.40	1100.00	58440.00	100%-ignite, fire wood	no data	1430.00	no data	no data	no data	no data	no data	11.00	no data

Table 2. Energy consumption in schools-february 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy of heat-consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dušan Tasković Strečko	1052	637	4270.00	25981.00	11678.33	168600.00	100%-ignite, fire wood	10675.00	15181.83	25856.83	no data	6.00	4.06	11.10	24.58
PS Dura Jakšić Prosek	167	88	0.00	44929.00	1613.33	55020.00	100%-ignite, fire wood	0.00	2097.33	2097.33	no data	0.52	0.00	9.66	12.56
PS Dura Jakšić Jelašnica	750	595	1154.00	6201.30	10908.33	253560.00	100%-coal and fire wood	2885.00	14180.83	17065.83	181	4.10	1.54	14.54	22.75
PS Dura Jakšić Donja Studena	563	250	305.00	1877.90	4583.33	85240.00	100%-coal and fire wood	762.50	5958.33	6720.83	15	1.63	0.54	8.14	11.94
PS Dura Jakšić Čukljenik	106	57	170.00	1329.97	1045.00	29220.00	100%-ignite, fire wood	425.00	1358.50	1783.50	no data	0.42	1.60	9.86	16.83
PS Dura Jakšić Jelašnica	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
PS Dura Jakšić Reflektors	no data	no data	no data	288.19	no data	no data	100%-coal and fire wood	no data	no data	no data	no data	no data	no data	no data	no data
PS Ivo Andrić Čamurlija	240	240	190.00	1325.78	4400.00	35309.00	90%-fuel oil, 10%-e-tenery	475.00	5280.00	5755.00	no data	1.33	0.79	18.33	23.98
PS Lela Popović Kravlj	405	60	no data	no data	1100.00	21360.00	100%-ignite, fire wood	no data	1430.00	no data	no data	no data	no data	2.72	no data
PS Lela Popović Mljkovac	624	624	791.00	5844.58	11440.00	95160.00	100%-coal and fire wood	1977.50	14872.00	16849.50	21	4.08	1.27	18.33	27.00
PS Lela Popović Paligrance	316	66	no data	312.64	1210.00	21360.00	100%-ignite, fire wood	no data	1573.00	no data	no data	no data	no data	3.83	no data
PS Lela Popović Paljina	72	42	no data	312.64	770.00	no data	100%-ignite, fire wood	no data	1001.00	no data	no data	no data	no data	10.69	no data
PS Lela Popović Vekopofje	402	116	no data	312.64	2126.67	27540.00	100%-ignite, fire wood	no data	2764.67	no data	no data	no data	no data	5.29	no data
PS Prvi Maj Vršte	180	160	238.00	1474.41	2933.33	86400.00	100%-coal and fire wood	595.00	3813.33	4408.33	13	1.06	1.32	16.30	24.49
PS Prvi Maj Trupak	1800	1519	3320.00	32623.71	27848.33	159460.00	100%-fuel oil	8300.00	33418.00	41718.00	176	9.56	1.84	15.47	23.18
PS Stevan Stadić Breznica	328	154	no data	no data	2823.33	no data	100%-coal	no data	5670.33	no data	no data	no data	no data	8.61	no data
PS Stevan Stadić Cerje	295	108	no data	no data	1980.00	no data	100%-coal	no data	2574.00	no data	no data	no data	no data	6.71	no data
PS Čegar Gromja Vrežna	532	532	369.00	2223.33	9753.33	56950.00	100%-fuel oil	922.50	11704.00	12626.50	17	2.93	0.69	18.33	23.73
PS Čegar Jasenovik	116	116	736.00	3279.23	2126.67	35000.00	100%-coal and fire wood	1840.00	2764.67	4604.67	no data	1.07	6.34	18.33	39.70
PS Ivan Goran Kovačić Prva Kučina	380	177	1898.00	11431.00	3245.00	40536.00	90%-ignite, 10%-e-tenery	4745.00	4218.50	8963.50	11	2.04	4.99	8.54	23.59
PS Ivan Goran Kovačić Nikola Tesla	450	400	7283.00	6748.00	7333.33	106955.00	98%-coal, 2%-e-tenery	18207.50	9533.33	27740.83	21	6.21	16.18	16.30	61.65
PS Ivan Goran Kovačić Braza Brod	2500	2500	10360.00	66044.00	45833.33	43066.67	96%-coal, 4%-e-tenery	25900.00	59583.33	85483.33	138	20.16	4.14	18.33	34.19
Electro-technical school Mjaj Staminoviće	3250	3250	73920.00	407016.76	59583.33	no data	100%-e-tenery	184800.00	0.00	184800.00	106	70.76	22.74	18.33	56.86
Gramsum Stevan Sremač	2588	2588	4806.00	29314.44	47446.67	196827.57	100%-direct heating	12015.00	85404.00	97419.00	130	18.20	1.86	18.33	37.64
Gramsum Bora Stančković	2588	2588	4806.00	29314.44	47446.67	196827.57	100%-direct heating	12015.00	85404.00	97419.00	130	18.20	1.86	18.33	37.64
Gramsum 9. maj	2389	2297	6594.00	41712.60	42111.67	181697.45	100%-direct heating	16485.00	75801.00	92286.00	113	17.39	2.76	17.63	38.63
Construction school Neimar	2439	2439	no data	no data	44715.00	502465.76	100%-direct heating	no data	80487.00	no data	no data	no data	no data	18.33	no data
Neimar - polygon	1200	1200	392.00	3091.04	22000.00	27764.67	80%-coal, 20%-e-tenery	980.00	28600.00	29580.00	11	7.25	0.33	18.33	24.65
Medical school dr. Mileško Hadžić	2615	2615	no data	77497.01	47941.67	271854.40	100%-fuel oil	no data	57530.00	no data	no data	no data	no data	18.33	no data
Musical school	1195	1195	2400.00	14628.45	21908.33	91027.05	100%-direct heating	6000.00	39435.00	45435.00	42	8.50	2.01	18.33	38.02
Legal brotechnical school	2592	2592	no data	29390.99	47520.00	213085.31	95%-fuel oil, 5%-e-tenery	no data	57024.00	no data	no data	no data	no data	18.33	no data
Chemical and food technological school	1650	1576	6624.00	58283.00	28893.33	116128.00	100%-direct heating	16560.00	52008.00	68568.00	270	13.05	4.01	17.51	41.56

Table 2. Energy consumption in schools-february 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Monthly primary electrical-energy consumption [kWh]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
Gimnazium Svetozar Marković	2663	2273	11067.00	40736.00	41671.67	171046.00	27667.50	100%-district heating	27667.50	75009.00	102676.50	83	19.62	4.16	15.65	38.56
School of fashion and beauty-main	983	763	6310.00	55540.00	13988.33	57448.50	15775.00	95%-district heating, 5%-el energy	15775.00	25179.00	40954.00	164	7.96	6.42	14.23	41.66
School of fashion and beauty 2	682	520	9330.00	73786.00	9533.33	no data	23225.00	100%-el energy	23225.00	0.00	23225.00	3	10.00	13.68	13.98	34.20
Technical school 12. Ik banar	3041	3041	11940.00	98862.00	55751.67	626459.73	29850.00	100%-district heating	29850.00	100353.00	130203.00	1549	24.73	3.93	18.33	42.82
Art school	2635	2539	8010.00	79967.31	46548.33	193043.51	20025.00	100%-district heating	20025.00	83787.00	103812.00	245	19.61	3.04	17.67	39.40
Mechanical school	3995	3995	no data	no data	73241.67	303803.76	no data	100%-district heating	no data	131835.00	no data	89	no data	no data	18.33	no data
Ekstro-tehnical school Nikola Tesla	5226	3227	8840.00	54469.67	59161.67	332274.00	22100.00	100%-district heating	22100.00	106491.00	128591.00	97	24.21	1.69	11.32	24.61
School for hospitality and tourism	3737	3737	5856.00	42810.00	68511.67	97911.55	14640.00	100%-fuel oil	14640.00	82214.00	96854.00	388	22.29	1.57	18.33	25.92
School for economics	3737	3737	7808.00	57081.00	68511.67	113490.50	19520.00	100%-fuel oil	19520.00	82214.00	101734.00	518	23.32	2.09	18.33	27.22
School for trade	3737	3737	5856.00	42810.00	68511.67	85117.83	14640.00	100%-fuel oil	14640.00	82214.00	96854.00	388	22.29	1.57	18.33	25.92
Technical school 15. maj	3041	3041	11940.00	98862.00	55751.67	626459.00	29850.00	99%-district heating, 1%-el energy	29850.00	100353.00	130203.00	1549	24.73	3.93	18.33	42.82

Table 2. Energy consumption in schools-february 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

ENERGY CONSUMPTION IN SCHOOLS-MARCH 2010

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical energy consumption [kWh]	Monthly electrical energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Monthly energy of heating Type of heating	Monthly primary electrical energy consumption [kWh]	Monthly primary energy of heating consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dušan Radović	5600	4046	26140.00	151256.59	74176.67	30472.46	100%-district heating	65350.00	133518.00	198868.00	0	38.33	4.67	13.25	35.51
PS Čele Kula	3756	3756	0.00	690.10	68860.00	285628.00	100%-district heating	0.00	123948.00	123948.00	2262	22.72	0.00	18.33	33.00
PS Čegar	3316	3316	7890.00	53826.76	60793.33	223006.25	100%-fuel oil	19725.00	72952.00	92677.00	62	21.20	2.38	18.33	27.95
PS Učitelj Tasa	4536	4536	7820.00	69100.36	83160.00	256793.63	100%-district heating	19550.00	149688.00	169238.00	1009	31.59	1.72	18.33	37.31
PS Branko Miljković - main school	3983	3983	8860.00	60460.00	73021.67	78157.83	50%-district heating, 50%-fuel oil	22150.00	109532.50	131682.50	278	26.97	2.22	18.33	33.06
PS Bubanjaki Heroji	2822	2822	10458.00	60500.03	51736.67	242408.06	100%-fuel oil	26145.00	62084.00	88229.00	155	20.03	3.71	18.33	31.26
PS Bubanjaki Heroji Milka Protić	270	270	5459.00	31205.93	4950.00	8315.33	100%-coal	13647.50	6435.00	20082.50	52	4.48	20.22	18.33	74.38
PS Ivo Andrić Raitko Jovčević	2448	2448	2909.00	14190.85	44880.00	187206.07	100%-district heating	7272.50	80784.00	88056.50	468	16.35	1.19	18.33	35.97
PS Ivo Andrić Donji Komnen	430	430	2052.00	13953.75	7883.33	13449.70	85%-lignite, 15%-electricity	5130.00	10248.33	15378.33	63	3.61	4.77	18.33	35.76
PS Kole Rašić	3588	3588	5070.00	37797.63	65780.00	183333.33	100%-fuel oil	12675.00	78956.00	91611.00	110	21.11	1.41	18.33	25.53
PS Kralj Petar I	2913	640	11040.00	106156.73	11733.33	221514.37	100%-district heating	27600.00	21200.00	48720.00	168	9.72	3.79	4.03	16.73
PS Kralj Petar I small Pojuna	142	142	680.00	4570.26	2603.33	4407.50	100%-coal	1700.00	3384.33	5084.33	40	1.19	4.79	18.33	35.81
PS Kralj Petar I small Pojuna new school	1300	1300	1642.00	4696.87	23833.33	46067.68	100%-fuel oil	4105.00	28600.00	32705.00	47	7.54	1.26	18.33	25.16
PS Miroslav Antić	2200	2200	10380.00	70856.57	40333.33	210106.27	100%-district heating	25950.00	72600.00	98550.00	2598	18.81	4.72	18.33	44.80
PS Miroslav Antić Donja Vrežna	150	150	1335.00	8995.28	2750.00	9256.55	100%-district heating	3337.50	4950.00	8287.50	0	1.62	8.90	18.33	55.25
PS Stevan Stadić	693	650	6625.00	8270.47	11916.67	28333.33	100%-fuel oil	16562.50	14300.00	30862.50	no data	6.85	9.56	17.20	44.53
PS Sveti Sava	7400	6876	12900.00	92003.40	126060.00	522893.03	100%-district heating	32250.00	226908.00	259158.00	4055	48.44	1.74	17.04	35.02
PS Radoje Domnović	7221	4199	11511.00	98752.52	76981.67	323459.21	100%-district heating	28777.50	138567.00	167344.50	189	31.50	1.59	10.66	23.17
Special school 14 oktobar	2495	2495	4254.00	27441.89	45741.67	522025.00	100%-fuel oil	10635.00	54890.00	65525.00	206	15.06	1.71	18.33	26.26
PS Car Konstantin	4336	4336	7514.00	51937.65	79493.33	329734.68	100%-district heating	18785.00	143088.00	161873.00	491	30.22	1.73	18.33	37.33
PS Ratko Vukčević	4000	3925	11520.00	74720.85	71958.33	298529.96	100%-district heating	28800.00	129525.00	158325.00	478	29.85	2.88	17.99	39.58
PS Stefan Nemanja	3082	3082	5850.00	39570.00	5650.33	346239.60	100%-fuel oil	14625.00	67804.00	82429.00	270	18.92	1.90	18.33	26.75
PS Vuk Karadžić	2145	2145	18520.80	47516.59	39325.00	206592.04	100%-district heating	46302.00	70785.00	117087.00	197	22.79	8.63	18.33	54.59
PS Streten Mladenović Mka	2524	1943	6800.00	46371.95	35621.67	147762.68	100%-district heating	17000.00	64119.00	81119.00	601	15.36	2.69	14.11	32.14
PS Voždi Karanfode	3276	3276	7993.00	54058.00	60060.00	167290.90	100%-district heating	19982.50	108108.00	128090.50	67	24.06	2.44	18.33	39.10
Special school Buhaj	4200	4200	11680.00	80413.43	77000.00	647383.84	100%-fuel oil	29200.00	92400.00	121600.00	126	27.75	2.78	18.33	28.95
PS Ivoan Goran Kovacic Niska Banja	2530	2530	6413.00	38116.00	46383.33	149500.00	98%-fuel oil, 2%-electricity	16032.50	55660.00	71692.50	241	16.39	2.53	18.33	28.34
PS Brankov Nisak Dorj Trnava	1385	1100	812.00	17133.03	20166.67	65577.50	100%-fuel oil	2030.00	24200.00	26230.00	57	6.08	0.59	14.56	18.94
PS Brankov Nisak Gornja Toponica	182	145	217.00	1302.06	2658.33	3045.00	100%-coal and fire wood	542.50	3455.83	3998.33	9	0.97	1.19	14.61	21.97
PS Brankov Nisak Gornja Trnava	122	70	65.00	609.01	1283.33	2172.50	100%-coal and fire wood	162.50	1668.33	1830.83	no data	0.45	0.53	10.52	15.01
PS Brankov Nisak Sečane	181	140	119.00	24084.36	2566.67	3045.00	100%-coal and fire wood	297.50	3336.67	3634.17	no data	0.88	0.66	14.18	20.08

Table 3. Energy consumption in schools-march 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical energy consumption [kWh]	Monthly electrical energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Branishv Nisic Mezgajia	182	145	1146.00	1232.70	2658.33	3045.00	100%-coal and fire wood	2865.00	3455.83	6320.83	no data	1.46	6.30	14.61	34.73
PS Branishv Nisic Supovac	136	110	820.00	5473.05	2016.67	2172.50	100%-coal and fire wood	2050.00	2621.67	4671.67	no data	1.08	6.03	14.83	34.35
PS Kanadorde Gomji Matejevac - main school	1191	1056	1555.00	10499.92	19360.00	156179.60	100%-fuel oil	3887.50	23232.00	27119.50	no data	6.24	1.31	16.26	22.77
PS Kanadorde Gomji Matejevac - sports hall	355	355	464.00	3038.26	6508.33	no data	100%-fuel oil	1160.00	7810.00	8970.00	no data	2.07	1.31	18.33	25.27
PS Kanadorde Gomji Matejevac - library, preschool, kitchen	240	240	1217.00	8188.24	4400.00	6456.67	100%-coal and fire wood	3042.50	5720.00	8762.50	no data	2.05	5.07	18.33	36.51
PS Kanadorde Donji Matejevac	262	240	572.00	3776.91	4400.00	no data	100%-fuel oil	1430.00	5280.00	6710.00	no data	1.54	2.18	16.79	25.61
PS Kanadorde Knez srb	262	240	343.00	2254.02	4400.00	no data	100%-coal and fire wood	857.50	5720.00	6577.50	no data	1.59	1.31	16.79	25.10
PS Milan Rakic Medosevac	1572	1532	5672.00	38815.77	28086.67	no data	100%-coal	14180.00	36512.67	50692.67	no data	11.99	3.61	17.87	32.25
PS Milan Rakic Popovac	1196	988	5648.00	28494.59	18113.33	no data	100%-coal	14120.00	23547.33	37667.33	24	8.79	4.72	15.14	31.49
PS Vojslav Ilic Mladi Hum	1075	931	2020.00	10101.05	17068.33	107700.00	100%-fuel oil	5050.00	20482.00	25532.00	no data	5.85	1.88	15.88	23.75
PS Vojslav Ilic Mladi Komnen	128	65	no data	no data	1191.67	2083.33	100%-lignite, fire wood	no data	1549.17	no data	no data	no data	no data	9.31	no data
PS Vojslav Ilic Mladi Rejnik	202	74	0.00	0.00	1356.67	1666.67	100%-lignite, fire wood	0.00	1763.67	1763.67	no data	0.43	0.00	6.72	8.73
PS Vojslav Ilic Mladi Leskovik	74	47	no data	no data	861.67	1750.00	100%-lignite, fire wood	no data	1120.17	no data	no data	no data	no data	11.64	no data
PS Jovan Jovanovic Znaj Oresovac	214	120	0.00	312.64	2200.00	5833.33	100%-lignite, fire wood	0.00	2860.00	2860.00	no data	0.70	0.00	10.28	13.36
PS Jovan Jovanovic Znaj Malina	1320	600	2458.00	16231.24	11000.00	30000.00	98%-coal, 2%-energy	6145.00	14300.00	20445.00	no data	4.82	1.86	8.33	15.49
PS Jovan Jovanovic Znaj Vrelo	140	95	49.00	536.06	1741.67	4166.67	100%-lignite	122.50	2264.17	2386.67	no data	0.58	0.35	12.44	17.05
PS Jovan Jovanovic Znaj Prajsica	197	95	0.00	312.64	1741.67	4166.67	100%-lignite	0.00	2264.17	2264.17	no data	0.56	0.00	8.84	11.49
PS Branko Radicevic Vukmanovo	250	250	186.00	1538.00	4583.33	7641.00	100%-coal and fire wood	465.00	5958.33	6423.33	12	1.57	0.74	18.33	25.69
PS Branko Radicevic Vukmanovo	163	163	210.00	1647.00	2988.33	5390.67	100%-coal and fire wood	525.00	3884.83	4409.83	no data	1.07	1.29	18.33	27.05
PS Branko Radicevic Berbatovo	300	120	65.00	959.00	2200.00	2060.58	100%-coal and fire wood	162.50	2860.00	3022.50	no data	0.74	0.22	7.33	10.08
PS Branko Radicevic Gabrovac	1057	1057	2295.00	15428.00	19378.33	67528.67	100%-fuel oil	5737.50	23254.00	28991.50	0	6.64	2.17	18.33	27.43
PS Desanka Maistrinovic Dornje Medurovo	200	200	737.00	4905.00	3666.67	6574.00	100%-coal	1842.50	4766.67	6609.17	22	1.56	3.69	18.33	33.05
PS Desanka Maistrinovic Cokot	1400	1400	9654.00	66115.00	25666.67	197158.20	100%-fuel oil and propane-butane	24135.00	30800.00	54935.00	104	12.30	6.90	18.33	39.24
PS Desanka Maistrinovic Knisece	200	200	320.00	2149.00	3666.67	6574.00	100%-coal and fire wood	800.00	4766.67	5566.67	no data	1.34	1.60	18.33	27.83
PS Desanka Maistrinovic Gornje Medurovo	200	200	556.00	3667.00	3666.67	4895.00	100%-coal and fire wood	1390.00	4766.67	6156.67	no data	1.47	2.78	18.33	30.78
PS Desanka Maistrinovic Novo Selo	640	640	3221.00	21841.00	11733.33	20848.00	100%-coal and fire wood	8052.50	15253.33	23305.83	87	5.46	5.03	18.33	36.42
PS Desanka Maistrinovic Mramor	150	150	no data	no data	2750.00	4045.00	100%-lignite, fire wood	no data	3575.00	no data	no data	no data	no data	18.33	no data
PS Desanka Maistrinovic Mramorski potok	200	120	365.00	10572.00	2200.00	4324.00	100%-lignite, fire wood	912.50	2860.00	3772.50	no data	0.90	1.83	11.00	18.86
PS Desanka Maistrinovic Bobanj village	70	70	933.00	5868.00	1283.33	3324.33	100%-lignite, fire wood	2332.50	1668.33	4000.83	11	0.91	13.33	18.33	57.15
PS Desanka Maistrinovic Lahnac	200	200	no data	no data	3666.67	6574.00	100%-lignite, fire wood	no data	4766.67	no data	no data	no data	no data	18.33	no data
PS Dusan Taskovic Srecko Osrovska village	576	400	0.00	312.64	7333.33	118560.00	100%-lignite, fire wood	0.00	9533.33	9533.33	no data	2.35	0.00	12.73	16.55
PS Dusan Taskovic Srecko Osrovska	100	60	no data	312.64	1100.00	58440.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	11.00	no data

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PS Dušan Tasković Strečko	1052	637	3789.00	25833.59	11678.33	168600.00	100%-lignite, fire wood	9472.50	15181.83	24654.33	no data	5.75	3.60	11.10	23.44
PS Dura Jakšić Prosek	167	88	0.00	486.28	1613.33	55020.00	100%-lignite, fire wood	0.00	2097.33	2097.33	no data	0.52	0.00	9.66	12.56
PS Dura Jakšić Jelašnica	750	595	1254.00	8364.24	10908.33	253560.00	100%-coal and fire wood	3135.00	14180.83	17315.83	198	4.16	1.67	14.54	23.09
PS Dura Jakšić Donja Studena	563	250	0.00	690.11	4583.33	85240.00	100%-coal and fire wood	0.00	5958.33	5958.33	7	1.47	0.00	8.14	10.58
PS Dura Jakšić Čukljenik	106	57	0.00	486.28	1045.00	29220.00	100%-lignite, fire wood	0.00	1358.50	1358.50	no data	0.33	0.00	9.86	12.82
PS Dura Jakšić Jelašnica	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
PS Dura Jakšić Reflektors	no data	no data	no data	288.19	no data	no data	100%-coal and fire wood	no data	no data	no data	no data	no data	no data	no data	no data
PS Ivo Andrić Čamurija	240	240	1736.00	1409.22	4400.00	35309.00	90%-fuel oil, 10%-el-energy	4340.00	5280.00	9620.00	no data	2.15	7.23	18.33	40.08
PS Lela Popović Kravle	405	60	no data	no data	1100.00	21360.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	2.72	no data
PS Lela Popović Mijkovac	624	624	1121.00	11841.68	11440.00	95160.00	100%-coal and fire wood	2802.50	14872.00	17674.50	11	4.25	1.80	18.33	28.32
PS Lela Popović Paligrace	316	66	no data	312.64	1210.00	21360.00	100%-lignite, fire wood	no data	1573.00	no data	no data	no data	no data	3.83	no data
PS Lela Popović Paljina	72	42	no data	312.64	770.00	no data	100%-lignite, fire wood	no data	1001.00	no data	no data	no data	no data	10.69	no data
PS Lela Popović Velepolje	402	116	no data	312.64	2126.67	27540.00	100%-lignite, fire wood	no data	2764.67	no data	no data	no data	no data	5.29	no data
PS Prvi Maj Vršine	180	160	411.00	1664.26	2933.33	86400.00	100%-coal and fire wood	1027.50	3813.33	4840.83	65	1.16	2.28	16.30	26.89
PS Prvi Maj Trupak	1800	1519	3720.00	33351.92	27848.33	159460.00	100%-fuel oil	9300.00	33418.00	42718.00	81	9.77	2.07	15.47	23.73
PS Stevan Stadičić Breznica	328	154	no data	no data	2823.33	no data	100%-coal	no data	3670.33	no data	no data	no data	no data	8.61	no data
PS Stevan Stadičić Cerje	295	108	no data	no data	1980.00	no data	100%-coal	no data	2574.00	no data	no data	no data	no data	6.71	no data
PS Čegar Gornja Vrežina	532	532	436.00	2839.93	9753.33	56950.00	100%-fuel oil	1090.00	11704.00	12794.00	11	2.96	0.82	18.33	24.05
PS Čegar Jasevnik	116	116	280.00	1589.00	2126.67	35000.00	100%-coal and fire wood	700.00	2764.67	3464.67	no data	0.83	2.41	18.33	29.87
PS Ivan Goran Kovačić Prva Kučina	380	177	2879.00	16625.00	3245.00	40536.00	90%-lignite, 10%-el-energy	7197.50	4218.50	11416.00	15	2.56	7.58	8.54	30.04
PS Ivan Goran Kovačić Nikola Tesla	450	400	7283.00	7935.00	7333.33	106955.00	98%-coal, 2%-el-energy	18207.50	9533.33	27740.83	10	6.21	16.18	16.30	61.65
PS Ivan Goran Kovačić Brza Brod	2500	2500	11100.00	81606.00	45833.33	43066.67	96%-coal, 4%-el-energy	27750.00	59583.33	87333.33	58	20.55	4.44	18.33	34.93
Electro-technical school Mjia Staminovaci	3250	3250	52680.00	343704.43	59583.33	no data	100%-el-energy	131700.00	0.00	131700.00	0	59.50	16.21	18.33	40.52
Gimnazium Stevan Stemač	2588	2588	5202.50	35579.57	47446.67	196827.57	100%-district heating	13006.25	85404.00	98410.25	129	18.41	2.01	18.33	38.03
Gimnazium Bora Stanković	2588	2588	5202.50	35579.57	47446.67	196827.57	100%-district heating	13006.25	85404.00	98410.25	129	18.41	2.01	18.33	38.03
Gimnazium 9. maj	2389	2297	5915.00	41593.24	42111.67	181697.45	100%-district heating	14787.50	75801.00	90588.50	328	17.03	2.48	17.63	37.92
Construction school Neimar	2439	2439	no data	no data	44715.00	502465.76	100%-district heating	no data	80487.00	no data	no data	no data	no data	18.33	no data
Neimar - polygon	1200	1200	18.00	1625.52	22000.00	27764.67	80%-coal, 20%-el-energy	45.00	28600.00	28645.00	57	7.05	0.02	18.33	23.87
Medical school dr. Milenko Hadžić	2615	2615	no data	61137.48	47941.67	271854.40	100%-fuel oil	no data	57530.00	no data	no data	no data	no data	18.33	no data
Musical school	1195	1195	3030.00	20587.86	21908.33	91027.05	100%-district heating	7575.00	39435.00	47010.00	42	8.84	2.54	18.33	39.34
Legal brotechnical school	2592	2592	no data	27015.92	47520.00	213085.31	95%-fuel oil, 5%-el-energy	no data	57024.00	no data	no data	no data	no data	18.33	no data

Table 3. Energy consumption in schools-march 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical energy consumption [kWh]	Monthly electrical energy consumption [RSD]	Monthly heat energy consumption [kWh]	Monthly heat energy consumption [RSD]	Type of heating	Monthly primary electrical energy consumption [kWh]	Monthly primary energy of heat consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical energy consumption [kWh/m ²]	Specific monthly heat energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
Chemical and food technological school	1650	1576	7550.00	63227.00	28893.33	116128.00	100%-district heating	18875.00	52008.00	70883.00	321	13.54	4.58	17.51	42.96
Gimnazium Svetozar Marković	2663	2273	12253.00	50043.00	41671.67	171046.00	100%-district heating	30632.50	75009.00	105641.50	142	20.25	4.60	15.65	39.67
School of fashion and beauty-main	983	763	6340.00	56660.00	13988.33	57448.50	95%-district heating, 5%-el energy	15850.00	25179.00	41029.00	332	7.98	6.45	14.23	41.74
School of fashion and beauty 2	682	520	8210.00	68879.00	9533.33	no data	100%-el energy	20525.00	0.00	20525.00	3	9.40	12.04	13.98	30.10
Technical school 12. februar	3041	3041	12200.00	108051.00	55751.67	626459.73	100%-district heating	30500.00	100353.00	130853.00	505	24.86	4.01	18.33	43.03
Art school	2635	2539	9075.00	91145.23	46548.33	193045.51	100%-district heating	22687.50	83787.00	106474.50	288	20.17	3.44	17.67	40.41
Mechanical school	3995	3995	no data	no data	73241.67	303803.76	100%-district heating	no data	131835.00	no data	98	no data	no data	18.33	no data
Electro-technical school Nikola Tesla	5226	3227	0.00	1046.25	59161.67	332274.00	100%-district heating	0.00	106491.00	106491.00	88	19.52	0.00	11.32	20.38
School for hospitality and tourism	3737	3737	6000.00	50450.00	68511.67	97911.55	100%-fuel oil	15000.00	82214.00	97214.00	0	22.36	1.61	18.33	26.01
School for economics	3737	3737	7808.00	67266.00	68511.67	113490.50	100%-fuel oil	19520.00	82214.00	101734.00	0	23.32	2.09	18.33	27.22
School for trade	3737	3737	6000.00	50450.00	68511.67	85117.83	100%-fuel oil	15000.00	82214.00	97214.00	0	22.36	1.61	18.33	26.01
Technical school 15. maj	3041	3041	12200.00	108051.00	55751.67	626459.00	99%-district heating, 1%-el energy	30500.00	100353.00	130853.00	505	24.86	4.01	18.33	43.03

Table 3. Energy consumption in schools-march 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

ENERGY CONSUMPTION IN SCHOOLS-APRIL 2010

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical- energy consumption [kWh]	Monthly electrical- energy consumption [RSD]	Monthly heat- energy consumption [kWh]	Monthly heat- energy consumption [RSD]	Type of heating	Monthly primary energy of electrical- energy consumption [kWh]	Monthly primary energy of heat- energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat- energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dušan Radović	5600	4046	19180.00	111550.67	74176.67	304472.46	100%-district heating	47950.00	135518.00	181468.00	1006.00	34.64	3.43	13.25	32.41
PS Čede Kula	3756	3756	2316.00	15943.98	68860.00	285628.00	100%-district heating	5790.00	12948.00	129738.00	1162.00	23.95	0.62	18.33	34.54
PS Čegar	3316	3316	6182.00	42092.83	60793.33	223006.25	100%-fuel oil	15455.00	72952.00	88407.00	74.00	20.30	1.86	18.33	26.66
PS Učrež Tasa	4536	4536	5640.00	56711.30	83160.00	256793.63	100%-district heating	14100.00	149688.00	167888.00	391.00	30.43	1.24	18.33	36.11
PS Branko Mijlović - main school	3983	3983	352.00	2380.00	73021.67	78157.83	50%-district heating, 50%-fuel oil	880.00	109532.50	110412.50	223.00	22.46	0.09	18.33	27.72
PS Bubajski Heroji	2822	2822	8192.00	47321.85	51736.67	242408.06	100%-fuel oil	20480.00	62084.00	82564.00	910.00	18.83	2.90	18.33	29.26
PS Bubajski Heroji Mikica Protić	270	270	2847.00	15954.72	4950.00	8315.33	100%-coal	7117.50	6435.00	13552.50	59.00	3.09	10.54	18.33	50.19
PS Ivo Anđrić Raiko Jović	2448	2448	4177.00	26671.89	44880.00	187206.07	100%-district heating	10442.50	80784.00	91226.50	432.00	17.02	1.71	18.33	37.27
PS Ivo Anđrić Dojki Komnen	430	430	1021.00	6875.10	7883.33	13449.70	85%-lignite, 15%- electricity	2552.50	10248.33	12800.83	33.00	3.06	2.37	18.33	29.77
PS Kola Rašić	3588	3588	2291.00	13713.48	65780.00	183333.33	100%-fuel oil	5727.50	78936.00	84663.50	289.00	19.63	0.64	18.33	23.60
PS Kralj Petar I	2913	640	7600.00	82029.07	11733.33	221514.37	100%-district heating	19000.00	21120.00	40120.00	151.00	7.90	2.61	4.03	13.77
PS Kralj Petar I small Pasi Poljana	142	142	423.00	2785.21	2603.33	4407.50	100%-coal	1057.50	3384.33	4441.83	40.00	1.06	2.98	18.33	31.28
PS Kralj Petar Pasi Poljana new school	1300	1300	1090.00	5689.23	23833.33	46067.68	100%-fuel oil	2725.00	28600.00	31325.00	6.00	7.25	0.84	18.33	24.10
PS Miroslav Antić	2200	2200	9240.00	63007.35	40333.33	210106.27	100%-district heating	23100.00	72600.00	95700.00	2041.00	18.21	4.20	18.33	43.50
PS Miroslav Antić Donja Vrežna	150	150	1186.00	7923.79	2750.00	9256.55	100%-district heating	2965.00	4950.00	7915.00	106.00	1.54	7.91	18.33	52.77
PS Stevan Sundečić	693	650	6301.00	7968.48	11916.67	28333.33	100%-fuel oil	15752.50	14300.00	30052.50	no data	6.68	9.09	17.20	43.37
PS Sveti Sava	7400	6876	10080.00	74957.93	126060.00	522893.03	100%-district heating	25200.00	226908.00	252108.00	6820.00	46.94	1.36	17.04	34.07
PS Radoje Domonović	7221	4199	10323.00	85127.63	76981.67	323459.21	100%-district heating	25807.50	138567.00	164374.50	180.00	30.88	1.43	10.66	22.76
Special school 14.oktobar	2495	2495	3451.00	23064.53	45741.67	522025.00	100%-fuel oil	8627.50	54890.00	63517.50	116.00	14.64	1.38	18.33	25.46
PS Car Konstantin	4336	4336	6053.00	43784.13	79493.33	329734.68	100%-district heating	15132.50	143088.00	158220.50	784.00	29.44	1.40	18.33	36.49
PS Raško Vučković	4000	3925	8210.00	65566.57	71958.33	298529.96	100%-district heating	20525.00	129525.00	150050.00	619.00	28.10	2.05	17.99	37.51
PS Stefan Nemanja	3082	3082	3840.00	24155.00	56503.33	346239.60	100%-fuel oil	9600.00	67804.00	77404.00	96.00	17.86	1.25	18.33	25.11
PS Vuk Karadžić	2145	2145	19824.40	50380.63	39325.00	206592.04	100%-district heating	49561.00	70785.00	120346.00	554.00	23.48	9.24	18.33	56.11
PS Sreten Mladenović Milka	2524	1943	5760.00	39206.66	35621.67	147762.68	100%-district heating	14400.00	64119.00	78519.00	173.00	14.81	2.28	14.11	31.11
PS Vožđ Kanđorđe	3276	3276	6260.00	38663.00	60060.00	167290.90	100%-district heating	15650.00	108108.00	123758.00	60.00	23.14	1.91	18.33	37.78
Special school Bubanj	4200	4200	0.00	2649.04	77000.00	647383.84	100%-fuel oil	0.00	92400.00	92400.00	83.00	21.56	0.00	18.33	22.00
PS Ivan Goran Kovačić Niška Banja	2530	2530	0.00	0.00	46383.33	149500.00	98%-fuel oil, 2%- electricity	0.00	0.00	55660.00	0.00	12.99	0.00	18.33	22.00
PS Branislav Nušić Donja Trnava	1385	1100	798.00	11986.22	20166.67	65577.50	100%-fuel oil	1995.00	24200.00	26195.00	79.00	6.07	0.58	14.56	18.91
PS Branislav Nušić Gornja Toponica	182	145	82.00	686.52	2658.33	3045.00	100%-coal and fire wood	205.00	3455.83	3660.83	6.00	0.89	0.45	14.61	20.11
PS Branislav Nušić Gornja Trnava	122	70	46.00	522.37	1283.33	2172.50	100%-coal and fire wood	115.00	1668.33	1783.33	no data	0.44	0.38	10.52	14.62
PS Branislav Nušić Sečaneva	181	140	2137.00	14240.35	2566.67	3045.00	100%-coal and fire wood	5342.50	3336.67	8679.17	no data	1.95	11.81	14.18	47.95

Table 4. Energy consumption in schools-april 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electricity consumption [kWh]	Monthly electrical energy consumption [RSD]	Monthly electricity consumption [kWh]	Monthly heat energy consumption [RSD]	Monthly heat energy consumption [kWh]	Type of heating	Monthly primary electrical energy consumption [kWh]	Monthly primary energy of heat consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical energy consumption [kWh/m ²]	Specific monthly heat energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Branislav Nisic Mezgraja	182	145	224.00	1711.45	2658.33	3045.00	3455.83	100%-coal and fire wood	560.00	3455.83	4015.83	no data	0.97	1.23	14.61	22.07
PS Branislav Nisic Srpovac	136	110	403.00	2568.64	2016.67	2172.50	2621.67	100%-coal and fire wood	1007.50	2621.67	3629.17	no data	0.86	2.96	14.83	26.69
PS Kanardorfe Gomji Matejevac - main school	1191	1056	0.00	690.11	19360.00	156179.60	0.00	100%-fuel oil	0.00	23232.00	23232.00	no data	5.42	0.00	16.26	19.51
PS Kanardorfe Gomji Matejevac - sports hall	355	355	453.00	2910.60	6508.33	no data	7810.00	100%-fuel oil	1132.50	7810.00	8942.50	no data	2.06	1.28	18.33	25.19
PS Kanardorfe Gomji Matejevac - library, preschool, kitchen	240	240	1088.00	7253.54	4400.00	6456.67	5720.00	100%-coal and fire wood	2720.00	5720.00	8440.00	no data	1.98	4.53	18.33	35.17
PS Kanardorfe Domji Matejevac	262	240	344.00	2258.59	4400.00	no data	5280.00	100%-fuel oil	860.00	5280.00	6140.00	no data	1.41	1.31	16.79	23.44
PS Kanardorfe Knez selo	262	240	321.00	2153.71	4400.00	no data	5720.00	100%-coal and fire wood	802.50	5720.00	6522.50	no data	1.58	1.23	16.79	24.90
PS Milan Rakic Meusbevac	1572	1532	4895.00	33269.42	28086.67	no data	36512.67	100%-coal	12237.50	36512.67	48750.17	no data	11.58	3.11	17.87	31.01
PS Milan Rakic Popovac	1196	988	3907.00	21276.40	18113.33	no data	23547.33	100%-coal	9767.50	23547.33	33314.83	15.00	7.87	3.27	15.14	27.86
PS Vojislav Ilic Mladi Ilum	1075	931	2082.00	10241.04	17068.33	107700.00	20482.00	100%-fuel oil	5205.00	20482.00	25687.00	no data	5.88	1.94	15.88	23.89
PS Vojislav Ilic Mladi Komnen	128	65	no data	no data	1191.67	2083.33	1549.17	100%-lignite, fire wood	no data	1549.17	no data	no data	no data	no data	9.31	no data
PS Vojislav Ilic Mladi Rujnik	202	74	107.00	723.03	1356.67	1666.67	1763.67	100%-lignite, fire wood	267.50	1763.67	2031.17	no data	0.49	0.53	6.72	10.06
PS Vojislav Ilic Mladi Leskovik	74	47	no data	no data	861.67	1750.00	1120.17	100%-lignite, fire wood	no data	1120.17	no data	no data	no data	no data	11.64	no data
PS Jovan Jovanovic Znaj Orovac	214	120	0.00	312.64	2200.00	5833.33	2860.00	100%-lignite, fire wood	0.00	2860.00	2860.00	no data	0.70	0.00	10.28	13.36
PS Jovan Jovanovic Znaj Makla	1320	600	2085.00	14072.30	11000.00	30000.00	14300.00	98%-coal, 2-el-energy	5212.50	14300.00	19512.50	no data	4.63	1.58	8.33	14.78
PS Jovan Jovanovic Znaj Vreb	140	95	0.00	312.64	1741.67	4166.67	2264.17	100%-lignite	0.00	2264.17	2264.17	no data	0.56	0.00	12.44	16.17
PS Jovan Jovanovic Znaj Pasjaka	197	95	13.00	371.91	1741.67	4166.67	2264.17	100%-lignite	32.50	2264.17	2296.67	no data	0.56	0.07	8.84	11.66
PS Branko Mirkovic Sivi Do	250	250	92.00	783.00	4583.33	7641.00	5958.33	100%-coal and fire wood	230.00	5958.33	6188.33	2.00	1.52	0.37	18.33	24.75
PS Branko Radicevic Vukarnovo	163	163	202.00	1611.00	2988.33	5390.67	3884.83	100%-coal and fire wood	505.00	3884.83	4389.83	no data	1.06	1.24	18.33	26.93
PS Branko Radicevic Berbatovo	300	120	68.00	986.00	2200.00	2060.58	2860.00	100%-coal and fire wood	170.00	2860.00	3030.00	no data	0.74	0.23	7.33	10.10
PS Branko Radicevic Gabrovac	1057	1057	1669.00	11089.00	19378.33	67528.67	23254.00	100%-fuel oil	4172.50	23254.00	27426.50	0.00	6.31	1.58	18.33	25.95
PS Desanka Maksimovic Donje Medurovo	200	200	556.00	3615.00	3666.67	6574.00	4766.67	100%-coal	1390.00	4766.67	6156.67	27.00	1.47	2.78	18.33	30.78
PS Desanka Maksimovic Cobot	1400	1400	2526.00	17295.00	25666.67	197158.20	30800.00	100%-fuel oil and propane-butane	6315.00	30800.00	37115.00	101.00	8.53	1.80	18.33	26.51
PS Desanka Maksimovic Krace Medurovo	200	200	197.00	1588.00	3666.67	6574.00	4766.67	100%-coal and fire wood	492.50	4766.67	5259.17	no data	1.28	0.99	18.33	26.30
PS Desanka Maksimovic Gornje Medurovo	200	200	664.00	4216.00	3666.67	4895.00	1660.00	100%-coal and fire wood	1660.00	4766.67	6426.67	no data	1.53	3.32	18.33	32.13
PS Desanka Maksimovic Novo Selo	640	640	2653.00	18009.00	11733.33	20848.00	15253.33	100%-coal and fire wood	6632.50	15253.33	21885.83	63.00	5.16	4.15	18.33	34.20
PS Desanka Maksimovic Mramor	150	150	no data	no data	2750.00	4045.00	3575.00	100%-lignite, fire wood	no data	3575.00	no data	no data	no data	no data	18.33	no data
PS Desanka Maksimovic Mramorski ponik	200	120	250.00	51425.00	2200.00	4324.00	2660.00	100%-lignite, fire wood	625.00	2660.00	3485.00	no data	0.84	1.25	11.00	17.43
PS Desanka Maksimovic Babunji village	70	70	320.00	1772.00	1283.33	3324.33	1668.33	100%-lignite, fire wood	800.00	1668.33	2468.33	5.00	0.58	4.57	18.33	35.26
PS Desanka Maksimovic Laticac	200	200	715.00	39560.00	3666.67	6574.00	4766.67	100%-lignite, fire wood	1787.50	4766.67	6554.17	35.00	1.55	3.58	18.33	32.77
PS Duban Jaskovic Strecko Ostrvoza village	576	400	0.00	312.64	7333.33	118560.00	9533.33	100%-lignite, fire wood	0.00	9533.33	9533.33	no data	2.35	0.00	12.73	16.55
PS Duban Jaskovic Strecko Ostrvoza	100	60	no data	312.64	1100.00	58440.00	1430.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	11.00	no data

Table 4. Energy consumption in schools-april 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical energy consumption [kWh]	Monthly electrical energy consumption [RSD]	Monthly electrical energy consumption [kWh]	Monthly heat energy consumption [RSD]	Monthly heat energy consumption [kWh]	Type of heating	Monthly primary electrical energy consumption [kWh]	Monthly primary energy of heat consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical energy consumption [kWh/m ²]	Specific monthly heat energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dušan Jasković Strečko	1052	637	2328.00	15734.25	11678.33	168600.00	11678.33	100%-lignite, fire wood	5820.00	15181.83	21001.83	no data	4.97	2.21	11.10	19.96
PS Dura Jakiše Prosek	167	88	1073.00	5932.96	1613.33	56620.00	1613.33	100%-lignite, fire wood	2682.50	2097.33	4779.83	no data	1.08	6.43	9.66	28.62
PS Dura Jakiše Jelašnica	750	595	988.80	8397.98	10908.33	253560.00	10908.33	100%-coal and fire wood	2472.00	14180.83	16652.83	180.00	4.01	1.32	14.54	22.20
PS Dura Jakiše Donja Studena	563	250	670.00	3744.99	4583.33	85240.00	4583.33	100%-coal and fire wood	1675.00	5958.33	7633.33	7.00	1.82	1.19	8.14	13.56
PS Dura Jakiše Čukljenik	106	57	180.00	5932.96	1045.00	29220.00	1045.00	100%-lignite, fire wood	450.00	1358.50	1808.50	no data	0.43	1.70	9.86	17.06
PS Dura Jakiše Jelašnica	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
PS Dura Jakiše Reflectors	no data	no data	no data	288.19	no data	no data	no data	100%-coal and fire wood	no data	no data	no data	no data	no data	no data	no data	no data
PS Ivo Andrić Čunarija	240	240	205.00	1578.56	4400.00	35309.00	4400.00	90%-fuel oil, 10%-elenergy	512.50	5280.00	5792.50	no data	1.34	0.85	18.33	24.14
PS Lela Popović Kravje	405	60	no data	no data	1100.00	21360.00	1100.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	2.72	no data
PS Lela Popović Miškovic	624	624	791.00	5531.94	11440.00	95160.00	11440.00	100%-coal and fire wood	1977.50	14872.00	16849.50	29.00	4.08	1.27	18.33	27.00
PS Lela Popović Palgance	316	66	no data	312.64	1210.00	21360.00	1210.00	100%-lignite, fire wood	no data	1573.00	no data	no data	no data	no data	3.83	no data
PS Lela Popović Pufina	72	42	no data	312.64	770.00	no data	770.00	100%-lignite, fire wood	no data	1001.00	no data	no data	no data	no data	10.69	no data
PS Lela Popović Velepölje	402	116	no data	312.64	2126.67	27540.00	2126.67	100%-lignite, fire wood	no data	2764.67	no data	no data	no data	no data	5.29	no data
PS Prvi Maj Vreble	180	160	289.00	1371.43	2933.33	86400.00	2933.33	100%-coal and fire wood	722.50	3813.33	4535.83	24.00	1.09	1.61	16.30	25.20
PS Prvi Maj Trupale	1800	1519	4140.00	40296.68	27848.33	159460.00	27848.33	100%-fuel oil	10350.00	33418.00	43768.00	91.00	9.99	2.30	15.47	24.32
PS Stevan Sinđelić Breznica	328	154	no data	no data	2823.33	no data	2823.33	100%-coal	no data	3670.33	no data	no data	no data	no data	8.61	no data
PS Stevan Sinđelić Cerje	295	108	no data	no data	1980.00	no data	1980.00	100%-coal	no data	2574.00	no data	no data	no data	no data	6.71	no data
PS Čegar Gornja Vrežina	532	532	290.00	2012.37	9753.33	43066.67	9753.33	100%-fuel oil	725.00	11704.00	12429.00	11.00	2.88	0.55	18.33	23.36
PS Čegar Jasenovik	116	116	319.00	1767.00	2126.67	35000.00	2126.67	100%-coal and fire wood	797.50	2764.67	3562.17	no data	0.85	2.75	18.33	30.71
PS Ivan Goran Kovačić Prva Kučina	380	177	2656.00	17682.00	3245.00	40536.00	3245.00	90%-lignite, 10%-elenergy	6640.00	4218.50	10858.50	12.00	2.45	6.99	8.54	28.58
PS Ivan Goran Kovačić Nikola Tesla	450	400	0.00	0.00	7333.33	106955.00	7333.33	98%-coal, 2%-elenergy	0.00	9533.33	9533.33	8.00	2.35	0.00	16.30	21.19
PS Ivan Goran Kovačić Brzi Brod	2500	2500	2020.00	15304.00	45833.33	516800.00	45833.33	90%-coal, 4%-elenergy	5050.00	59583.33	64633.33	0.00	15.74	0.81	18.33	25.85
Electro-technical school Mija Stanićević	3250	3250	9360.00	84021.44	59583.33	no data	59583.33	100%-elenergy	23400.00	0.00	23400.00	0.00	36.54	2.88	18.33	7.20
Gimnazium Stevan Strenac	2588	2588	3888.50	26689.63	47446.67	196827.57	47446.67	100%-district heating	9721.25	85404.00	95125.25	169.00	17.72	1.50	18.33	36.76
Gimnazium Bora Stanković	2588	2588	3888.50	26689.63	47446.67	196827.57	47446.67	100%-district heating	9721.25	85404.00	95125.25	169.00	17.72	1.50	18.33	36.76
Gimnazium 9. maj	2389	2297	4010.00	30139.80	42111.67	181697.45	42111.67	100%-district heating	10025.00	75801.00	85826.00	177.00	16.02	1.68	17.63	35.93
Construction school Neimar	2439	2439	no data	no data	44715.00	502465.76	44715.00	100%-district heating	no data	80487.00	no data	no data	no data	no data	18.33	no data
Neimar - polygon	1200	1200	422.00	3790.97	22000.00	27764.67	22000.00	80%-coal, 20%-elenergy	1055.00	28600.00	29655.00	52.00	7.26	0.35	18.33	24.71
Medical school dr Milenko Hadžić	2615	2615	no data	42608.27	47941.67	271854.40	47941.67	100%-fuel oil	no data	57530.00	no data	no data	no data	no data	18.33	no data
Musical school	1195	1195	1650.00	11097.22	21908.33	91027.05	21908.33	100%-district heating	4125.00	39435.00	43560.00	42.00	8.10	1.38	18.33	36.45
Legatibioteknical school	2592	2592	no data	26911.31	47520.00	213085.31	47520.00	95%-fuel oil, 5%-elenergy	no data	57024.00	no data	no data	no data	no data	18.33	no data

Table 4. Energy consumption in schools-april 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical energy consumption [kWh]	Monthly electrical energy consumption [RSD]	Monthly heat energy consumption [kWh]	Monthly heat energy consumption [RSD]	Type of heating	Monthly primary electrical energy consumption [kWh]	Monthly primary energy of heat consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical energy consumption [kWh/m ²]	Specific monthly heat energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
Chemical and food technological school	1650	1576	5727.00	59532.00	28893.33	116128.00	100%-district heating	14317.50	52008.00	66325.50	129.00	12.57	3.47	17.51	40.20
Gimnazium Svetozar Marković	2663	2273	9234.00	39982.00	41671.67	171046.00	100%-district heating	23085.00	75009.00	98094.00	96.00	18.65	3.47	15.65	36.84
School of fashion and beauty-mnj	983	763	7100.00	48704.50	13988.33	57448.50	95%-district heating, 5%-el energy	17750.00	25179.00	42929.00	338.00	8.38	7.22	14.23	43.67
School of fashion and beauty 2	682	520	4440.00	52414.00	9533.33	no data	100%-el energy	11100.00	0.00	11100.00	4.00	7.41	6.51	13.98	16.28
Technical school 12. februar	3041	3041	8340.00	79820.00	55751.67	626459.73	100%-district heating	20850.00	100353.00	121203.00	428.00	22.82	2.74	18.33	39.86
Art school	2635	2539	7545.00	83659.88	46548.33	193043.51	100%-district heating	18862.50	83787.00	102649.50	261.00	19.36	2.86	17.67	38.96
Mechanical school	3995	3995	no data	no data	73241.67	303803.76	100%-district heating	no data	131835.00	no data	137.00	no data	no data	18.33	no data
Electro-technical school Nikola Tesla	5226	3227	4880.00	34563.77	59161.67	322274.00	100%-district heating	12200.00	106491.00	118691.00	66.00	22.11	0.93	11.32	22.71
School for hospitality and tourism	3737	3737	4704.00	39702.00	68511.67	97911.55	100%-fuel oil	11760.00	82214.00	93974.00	522.00	21.68	1.26	18.33	25.15
School for economics	3737	3737	6272.00	52936.00	68511.67	113490.50	100%-fuel oil	15680.00	82214.00	97894.00	696.00	22.51	1.68	18.33	26.20
School for trade	3737	3737	4704.00	39702.00	68511.67	85117.83	100%-fuel oil	11760.00	82214.00	93974.00	522.00	21.68	1.26	18.33	25.15
Technical school 15. maj	3041	3041	8340.00	79820.00	55751.67	0.00	99%-district heating, 1%-el energy	20850.00	100353.00	121203.00	428.00	22.82	2.74	18.33	39.86

Table 4. Energy consumption in schools-april 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

ENERGY CONSUMPTION IN SCHOOLS-MAY 2010

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dašan Radović	5600	4046	20180.00	116838.64	74176.67	304472.46	100%- district heating	50450.00	133518.00	183968.00	1206.00	35.17	3.60	13.25	32.85
PS Čekić Kuh	3756	3756	2750.00	18752.65	68800.00	285628.00	100%- district heating	6875.00	123948.00	130823.00	376.00	24.18	0.73	18.33	34.83
PS Čegar	3316	3316	5960.00	40706.74	60793.33	223006.25	100%- fuel oil	14900.00	72952.00	87852.00	60.00	20.18	1.80	18.33	26.49
PS Učitelj Tasa	4536	4536	6060.00	57044.79	83160.00	256793.63	100%- district heating	15150.00	149688.00	164838.00	474.00	30.65	1.34	18.33	36.34
PS Branko Mijlković - main school	3983	3983	5440.00	37018.00	73021.67	78157.83	50%- district heating, 50%- fuel oil	13600.00	109532.50	123132.50	242.00	25.15	1.37	18.33	30.91
PS Babunjski Heroji	2822	2822	6260.00	36236.04	51736.67	242408.06	100%- fuel oil	15650.00	62084.00	77734.00	401.00	17.80	2.22	18.33	27.55
PS Babunjski Heroji Milka Protić	270	270	1394.00	7780.43	4950.00	8315.33	100%- coal	3485.00	6435.00	9920.00	20.00	2.32	5.16	18.33	36.74
PS Ivo Andrić Raško Jović	2448	2448	0.00	1320.62	44880.00	187206.07	100%- district heating	0.00	80784.00	80784.00	259.00	14.81	0.00	18.33	33.00
PS Ivo Andrić Dojiji Komnen	430	430	776.00	5172.12	7883.33	13449.70	85%- lignite, 15%- electricity	1940.00	10248.33	12188.33	no data	2.93	1.80	18.33	28.34
PS Kole Rasić	3588	3588	2790.00	22792.65	65780.00	183333.33	100%- fuel oil	6975.00	78936.00	85911.00	254.00	19.90	0.78	18.33	23.94
PS Krajić Peur I	2913	640	7600.00	83979.90	11733.33	221514.37	100%- district heating	19000.00	21120.00	40120.00	128.00	7.90	2.61	4.03	13.77
PS Krajić Peur I small Pasi Poljana	142	142	262.00	1884.71	2603.33	4407.50	100%- coal	655.00	3384.33	4039.33	40.00	0.97	1.85	18.33	28.45
PS Krajić Peur Pasi Poljana new school	1300	1300	920.00	3209.19	23833.33	46067.68	100%- fuel oil	2300.00	28600.00	30900.00	18.00	7.16	0.71	18.33	23.77
PS Miroslav Antić	2200	2200	6030.00	41185.49	40333.33	210106.27	100%- district heating	15075.00	72600.00	87675.00	1390.00	16.51	2.74	18.33	39.85
PS Miroslav Antić Donja Vrežina	150	150	1101.00	6790.75	2750.00	9256.55	100%- district heating	2752.50	4950.00	7702.50	215.00	1.49	7.34	18.33	51.35
PS Stevan Srdelić	693	680	5401.00	6998.76	11916.67	28333.33	100%- fuel oil	13502.50	14300.00	27802.50	no data	6.20	7.79	17.20	40.12
PS Sveti Sava	7400	6876	11160.00	77346.19	126060.00	522893.03	100%- district heating	27900.00	226908.00	254808.00	5935.00	47.51	1.51	17.04	34.43
PS Radoje Domanić	7221	4199	5460.00	61561.55	76981.67	323459.21	100%- district heating	13650.00	138567.00	152217.00	184.00	28.30	0.76	10.66	21.08
Special school 14.oktobar	2495	2495	2871.00	19523.29	45741.67	522025.00	100%- fuel oil	7177.50	54890.00	62067.50	227.00	14.33	1.15	18.33	24.88
PS Car Konstantin	4336	4336	5150.00	37202.32	79493.33	329734.68	100%- district heating	12875.00	143088.00	155963.00	971.00	28.96	1.19	18.33	35.97
PS Raško Vukčević	4000	3925	6920.00	60690.30	71958.33	298529.96	100%- district heating	17300.00	129525.00	146825.00	603.00	27.41	1.73	17.99	36.71
PS Stefan Nenadija	3082	3082	3100.00	23752.00	56503.33	346239.60	100%- fuel oil	7750.00	67804.00	75554.00	165.00	17.46	1.01	18.33	24.51
PS Vuk Karadžić	2145	2145	20996.60	44984.93	39325.00	206592.04	100%- district heating	52491.50	70785.00	123276.50	242.00	24.11	9.79	18.33	57.47
PS Streten Mladenović Mika	2524	1943	5160.00	35210.23	35621.67	147762.68	100%- district heating	12900.00	64119.00	77019.00	213.00	14.49	2.04	14.11	30.51
PS Vožd Kanadordje	3276	3276	5600.00	35503.00	60060.00	167290.90	100%- district heating	14000.00	108108.00	122108.00	87.00	22.79	1.71	18.33	37.27
Special school Bubanj	4200	4200	18720.00	130071.69	77000.00	647383.84	100%- fuel oil	46800.00	92400.00	139200.00	93.00	31.48	4.46	18.33	33.14
PS Ivan Goran Kovačić Niška Banja	2530	2530	0.00	0.00	46383.33	149500.00	98%- fuel oil, 2%- electricity	0.00	55660.00	55660.00	0.00	12.99	0.00	18.33	22.00
PS Branislav Nušić Donja Trava	1385	1100	585.00	13519.29	20166.67	65577.50	100%- fuel oil	1462.50	24200.00	25662.50	73.00	5.96	0.42	14.56	18.53
PS Branislav Nušić Gompi Toponica	182	145	105.00	791.39	2658.33	3045.00	100%- coal and fire wood	262.50	3455.83	3718.33	3.00	0.91	0.58	14.61	20.43
PS Branislav Nušić Gompi Trava	122	70	68.00	622.69	1283.33	2172.50	100%- coal and fire wood	170.00	1668.33	1838.33	no data	0.45	0.56	10.52	15.07
PS Branislav Nušić Sečanjca	181	140	795.00	5326.50	2566.67	3045.00	100%- coal and fire wood	1987.50	3336.67	5324.17	no data	1.24	4.39	14.18	29.42

Table 5. Energy consumption in schools-may 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary energy of electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Branisav Nikić Mezgajia	182	145	138.00	1319.32	2658.33	3045.00	100%-coal and fire wood	345.00	3455.83	3800.83	no data	0.92	0.76	14.61	20.88
PS Branisav Nikić Sipovac	136	110	119.00	1232.70	2016.67	2172.50	100%-coal and fire wood	297.50	2621.67	2919.17	no data	0.71	0.88	14.83	21.46
PS Karafordje Gornji Matejevac-main school	1191	1056	1529.00	10401.89	19360.00	156179.60	100%-fuel oil	3822.50	23232.00	27054.50	no data	6.23	1.28	16.26	22.72
PS Karafordje Gornji Matejevac-sports hall	355	355	302.00	2067.09	6508.33	no data	100%-fuel oil	755.00	7810.00	8565.00	no data	1.98	0.85	18.33	24.13
PS Karafordje Gornji Matejevac-library, preschool, kitchen	240	240	552.00	3719.91	4400.00	6456.67	100%-coal and fire wood	1380.00	5720.00	7100.00	no data	1.70	2.30	18.33	29.58
PS Karafordje Donji Matejevac	262	240	357.00	2386.26	4400.00	no data	100%-fuel oil	892.50	5280.00	6172.50	no data	1.42	1.36	16.79	23.56
PS Karafordje Knez selo	262	240	314.00	2121.81	4400.00	no data	100%-coal and fire wood	785.00	5720.00	6505.00	no data	1.57	1.20	16.79	24.83
PS Milan Rakić Medoševac	1572	1532	0.00	0.00	28086.67	no data	100%-coal	0.00	36512.67	36512.67	no data	8.99	0.00	17.87	23.23
PS Milan Rakić Popovac	1196	988	3081.00	18666.64	18113.33	no data	100%-coal	7702.50	23547.33	31249.83	1.00	7.43	2.58	15.14	26.13
PS Vojislav Ilić Mladi Hum	1075	931	1604.00	7871.57	17068.33	107700.00	100%-fuel oil	4010.00	20482.00	24492.00	no data	5.63	1.49	15.88	22.78
PS Vojislav Ilić Mladi Komnen	128	65	no data	no data	1191.67	2083.33	100%-lignite, fire wood	no data	1549.17	no data	no data	no data	no data	9.31	no data
PS Vojislav Ilić Mladi Rujnik	202	74	241.00	1267.00	1356.67	1666.67	100%-lignite, fire wood	602.50	1763.67	2366.17	no data	0.56	1.19	6.72	11.71
PS Vojislav Ilić Mladi Leskovik	74	47	no data	no data	861.67	1750.00	100%-lignite, fire wood	no data	1120.17	no data	no data	no data	no data	11.64	no data
PS Jovan Ivanović Znaj Orevac	214	120	137.00	937.30	2200.00	5833.33	100%-lignite, fire wood	342.50	2860.00	3202.50	no data	0.78	0.64	10.28	14.96
PS Jovan Ivanović Znaj Mrlka	1320	600	1163.00	7898.72	11000.00	30000.00	98%-coal, 2-energy wood	2907.50	14300.00	17207.50	no data	4.14	0.88	8.33	13.04
PS Jovan Ivanović Znaj Vreba	140	95	50.00	540.62	1741.67	4166.67	100%-lignite	125.00	2264.17	2389.17	no data	0.58	0.36	12.44	17.07
PS Jovan Ivanović Znaj Pasjeka	197	95	23.00	417.00	1741.67	4166.67	100%-lignite	57.50	2264.17	2321.67	no data	0.57	0.12	8.84	11.79
PS Branko Mijlković SaviDo	250	250	112.00	1200.00	4583.33	7641.00	100%-coal and fire wood	280.00	5958.33	6238.33	9.00	1.53	0.45	18.33	24.95
PS Branko Radičević Vukmanovo	163	163	0.00	690.00	2988.33	5390.67	100%-coal and fire wood	0.00	3884.83	3884.83	no data	0.96	0.00	18.33	23.83
PS Branko Radičević Berbatovo	300	120	34.00	1000.00	2200.00	2060.58	100%-coal and fire wood	85.00	2860.00	2945.00	no data	0.72	0.11	7.33	9.82
PS Branko Radičević Gabrovac	1057	1057	1627.00	11016.00	19378.33	67528.67	100%-fuel oil	4067.50	23254.00	27321.50	385.00	6.29	1.54	18.33	25.85
PS Desanka Maksimović Donje Meduovo	200	200	444.00	2981.00	3666.67	6574.00	100%-coal	1110.00	4766.67	5876.67	28.00	1.41	2.22	18.33	29.38
PS Desanka Maksimović Čokot	1400	1400	2040.00	13896.00	25666.67	197158.20	100%-fuel oil and propane-butane	5100.00	30800.00	35900.00	94.00	8.27	1.46	18.33	25.64
PS Desanka Maksimović Kruševac	200	200	260.00	1875.00	3666.67	6574.00	100%-coal and fire wood	650.00	4766.67	5416.67	no data	1.31	1.30	18.33	27.08
PS Desanka Maksimović Gornje Meduovo	200	200	401.00	29687.00	3666.67	4895.00	100%-coal and fire wood	1002.50	4766.67	5769.17	66.00	1.39	2.01	18.33	28.85
PS Desanka Maksimović Novo Selo	640	640	2130.00	14512.00	11733.33	20848.00	100%-coal and fire wood	5325.00	15253.33	20578.33	89.00	4.88	3.33	18.33	32.15
PS Desanka Maksimović Mramor	150	150	no data	no data	2750.00	4045.00	100%-lignite, fire wood	no data	3575.00	no data	no data	no data	no data	18.33	no data
PS Desanka Maksimović Mramorski potok	200	120	232.00	6564.00	2200.00	4324.00	100%-lignite, fire wood	580.00	2860.00	3440.00	no data	0.83	1.16	11.00	17.20
PS Desanka Maksimović Bubanj village	70	70	229.00	1356.00	1283.33	3324.33	100%-lignite, fire wood	572.50	1668.33	2240.83	5.00	0.53	3.27	18.33	32.01
PS Desanka Maksimović Linaec	200	200	318.00	2140.00	3666.67	6574.00	100%-lignite, fire wood	795.00	4766.67	5561.67	31.00	1.34	1.59	18.33	27.81
PS Daban Tasković Srečko Ostrovca village	576	400	355.00	1931.27	7333.33	118560.00	100%-lignite, fire wood	887.50	9533.33	10420.83	no data	2.53	0.62	12.73	18.09
PS Daban Tasković Srečko Ostrovca	100	60	no data	690.11	1100.00	58440.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	11.00	no data

Table 5. Energy consumption in schools-may 2010



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Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Monthly primary energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dušan Tasković Strečko	1052	637	1071.00	7269.50	11678.33	168600.00	100%-lignite, fire wood	2677.50	15181.83	17859.33	17859.33	no data	4.30	1.02	11.10	16.98
PS Dura Jakšić Prosek	167	88	345.00	2100.00	1613.33	55620.00	100%-lignite, fire wood	862.50	2097.33	2959.83	2959.83	no data	0.70	2.07	9.66	17.72
PS Dura Jakšić Jelašnica	750	595	1107.00	7515.00	10908.33	253560.00	100%-coal and fire wood	2767.50	14180.83	16948.33	16948.33	130.00	4.08	1.48	14.54	22.60
PS Dura Jakšić Donja Studena	563	250	0.00	1532.89	4583.33	85240.00	100%-coal and fire wood	0.00	5958.33	5958.33	5958.33	106.00	1.47	0.00	8.14	10.58
PS Dura Jakšić Čukljenik	106	57	86.00	2100.35	1045.00	29220.00	100%-lignite, fire wood	215.00	1358.50	1573.50	1573.50	no data	0.38	0.81	9.86	14.84
PS Dura Jakšić Jelašnica	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
PS Dura Jakšić Reflectors	no data	no data	no data	288.19	no data	no data	100%-coal and fire wood	no data	no data	no data	no data	no data	no data	no data	no data	no data
PS Ivo Anđić Čumurija	240	240	148.00	1320.62	4400.00	35309.00	90%-fuel oil, 10%-el-energy	370.00	5280.00	5650.00	5650.00	no data	1.31	0.62	18.33	23.54
PS Leht Popović Kralje	405	60	no data	no data	1100.00	21360.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	no data	2.72	no data
PS Leht Popović Mirkovac	624	624	1130.00	15370.48	11440.00	95160.00	100%-coal and fire wood	2825.00	14872.00	17697.00	17697.00	29.00	4.26	1.81	18.33	28.36
PS Leht Popović Paligrace	316	66	no data	312.64	1210.00	21360.00	100%-lignite, fire wood	no data	1573.00	no data	no data	no data	no data	no data	3.83	no data
PS Leht Popović Paljina	72	42	no data	312.64	770.00	no data	100%-lignite, fire wood	no data	1001.00	no data	no data	no data	no data	no data	10.69	no data
PS Leht Popović Vekpolje	402	116	no data	312.64	2126.67	27540.00	100%-lignite, fire wood	no data	2764.67	no data	no data	no data	no data	no data	5.29	no data
PS Prvi Maj Vrište	180	160	202.00	1160.40	2933.33	86400.00	100%-coal and fire wood	505.00	3813.33	4318.33	4318.33	7.00	1.05	1.12	16.30	23.99
PS Prvi Maj Topale	1800	1519	4380.00	49112.73	27848.33	159460.00	100%-fuel oil	10950.00	33418.00	44368.00	44368.00	40.00	10.12	2.43	15.47	24.65
PS Stevan Sindelić Breznica	328	154	no data	no data	2823.33	no data	100%-coal	no data	3670.33	no data	no data	no data	no data	no data	8.61	no data
PS Stevan Sindelić Cerje	295	108	no data	no data	1980.00	no data	100%-coal	no data	2574.00	no data	no data	no data	no data	no data	6.71	no data
PS Čegar Gornja Vrežina	532	532	351.00	2345.21	9753.33	43066.67	100%-fuel oil	877.50	11704.00	12581.50	12581.50	15.00	2.92	0.66	18.33	23.65
PS Čegar Jasenovik	116	116	139.00	946.42	2126.67	35000.00	100%-coal and fire wood	347.50	2764.67	3112.17	3112.17	no data	0.75	1.20	18.33	26.83
PS Ivan Goran Kovačić Prva Kučina	380	177	0.00	0.00	3245.00	40536.00	90%-lignite, 10%-el-energy	0.00	4218.50	4218.50	4218.50	14.00	1.04	0.00	8.54	11.10
PS Ivan Goran Kovačić Nikola Tršk	450	400	0.00	0.00	7333.33	106955.00	98%-coal, 2%-el-energy	0.00	9533.33	9533.33	9533.33	0.00	2.35	0.00	16.30	21.19
PS Ivan Goran Kovačić Bzi Brod	2500	2500	520.00	7014.00	45833.33	51680.00	96%-coal, 4%-el-energy	1300.00	59583.33	60883.33	60883.33	0.00	14.94	0.21	18.33	24.35
Electro-technical school Mija Štamirović	3250	3250	7800.00	70745.02	59583.33	no data	100%-el-energy	19500.00	0.00	19500.00	19500.00	777.00	35.71	2.40	18.33	6.00
Gimnazium Stevan Sremac	2588	2588	2831.50	19474.19	47446.67	196827.57	100%-disrict heating	7078.75	85404.00	92482.75	92482.75	99.00	17.16	1.09	18.33	35.74
Gimnazium Bora Stanković	2588	2588	2831.50	19474.19	47446.67	196827.57	100%-disrict heating	7078.75	85404.00	92482.75	92482.75	99.00	17.16	1.09	18.33	35.74
Gimnazium 9. maj	2389	2297	3314.00	24878.69	42111.67	181697.45	100%-disrict heating	8285.00	75801.00	84086.00	84086.00	194.00	15.65	1.39	17.63	35.20
Construction school Neimar	2439	2439	no data	no data	44715.00	no data	100%-disrict heating	no data	80487.00	no data	no data	no data	no data	no data	18.33	no data
Neimar - polygon	1200	1200	no data	1600.17	22000.00	27764.67	80%-coal, 20%-el-energy	no data	28600.00	no data	no data	49.00	no data	no data	18.33	no data
Medical school dr. Mileško Hadžić	2615	2615	no data	46837.30	47941.67	271854.40	100%-fuel oil	no data	57550.00	no data	no data	no data	no data	no data	18.33	no data
Musical school	1195	1195	1920.00	13076.05	21908.33	91027.05	100%-disrict heating	4800.00	39435.00	44235.00	44235.00	36.00	8.25	1.61	18.33	37.02
Legal biotechnical school	2592	2592	no data	18343.11	47520.00	213085.31	95%-fuel oil, 5%-el-energy	no data	57024.00	no data	no data	no data	no data	no data	18.33	no data

Table 5. Energy consumption in schools-may 2010



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Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Monthly heat-energy consumption [BUSD]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
Chemical and food technological school	1650	1576	10730.00	49264.00	28893.33	116128.00	100%-district heating	26825.00	52008.00	78833.00	318.00	15.22	6.50	17.51	47.78	
Gimnazium Svetozar Marković	2663	2273	8875.00	37835.00	41671.67	171046.00	100%-district heating	22187.50	75009.00	97196.50	138.00	18.46	3.33	15.65	36.50	
School of fashion and beauty-main	983	763	0.00	61.50	13988.33	57448.50	95%-district heating-5%-el.energy	0.00	25179.00	25179.00	199.00	4.62	0.00	14.23	25.61	
School of fashion and beauty 2	682	520	1970.00	30004.00	9533.33	no data	100%-el.energy	4925.00	0.00	4925.00	4.00	6.10	2.89	13.98	7.22	
Technical school 12. februar	3041	3041	7160.00	80476.00	55751.67	no data	100%-district heating	17900.00	100353.00	118253.00	447.00	22.19	2.35	18.33	38.89	
Art school	2635	2539	7020.00	87303.71	46548.33	193043.51	100%-district heating	17550.00	83787.00	101337.00	187.00	19.08	2.66	17.67	38.46	
Mechanical school	3995	3995	no data	no data	73241.67	303803.76	100%-district heating	no data	131835.00	no data	125.00	no data	18.33	no data	no data	
Electro-technical school Nikola Tesla	5226	3227	0.00	1046.25	59161.67	332274.00	100%-district heating	0.00	106491.00	106491.00	103.00	19.52	0.00	11.32	20.38	
School for hospitality and tourism	3737	3737	4320.00	38176.00	68511.67	97911.55	100%-fuel oil	10800.00	82214.00	93014.00	289.00	21.47	1.16	18.33	24.89	
School for economics	3737	3737	5760.00	50890.00	68511.67	113490.50	100%-fuel oil	14400.00	82214.00	96614.00	385.00	22.24	1.54	18.33	25.85	
School for trade	3737	3737	4320.00	38167.00	68511.67	85117.83	100%-fuel oil	10800.00	82214.00	93014.00	289.00	21.47	1.16	18.33	24.89	
Technical school 15. maj	3041	3041	7160.00	80476.00	55751.67	0.00	99%-district heating-1%-el.energy	17900.00	100353.00	118253.00	447.00	22.19	2.35	18.33	38.89	

Table 5. Energy consumption in schools-may 2010



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ENERGY CONSUMPTION IN SCHOOLS-JUNE 2010																	
Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Monthly primary energy of electricity-consumption [kWh]	Monthly primary energy of heat-consumption [kWh]	Type of heating	Monthly primary energy of electricity-consumption [kWh]	Monthly primary energy of heat-consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dušan Radović	5600	4046	9300.00	40720.90	74176.67	304472.46	23250.00	133518.00	100%-district heating	23250.00	133518.00	156768.00	995	29.41	1.66	13.25	27.99
PS Čele Kula	3756	3756	1479.00	10007.49	68860.00	285628.00	3697.50	123948.00	100%-district heating	3697.50	123948.00	127645.50	830	23.51	0.39	18.33	33.98
PS Čegar	3316	3316	4415.00	30087.62	60793.33	223006.25	11037.50	72952.00	100%-fuel oil	11037.50	72952.00	83989.50	31	19.36	1.33	18.33	25.33
PS Učitelj Tasa	4536	4536	3920.00	43893.38	83160.00	256793.63	9800.00	149688.00	100%-district heating	9800.00	149688.00	159488.00	468	29.52	0.86	18.33	35.16
PS Branko Miljković - main school	3983	3983	2380.00	16129.00	73021.67	78157.83	5950.00	109532.50	50%-district heating, 50%-fuel oil	5950.00	109532.50	115482.50	310	23.53	0.60	18.33	28.99
PS Buhaniški Herocij	2822	2822	0.00	0.00	51736.67	242408.06	0.00	62084.00	100%-fuel oil	0.00	62084.00	62084.00	383	14.49	0.00	18.33	22.00
PS Buhaniški Herocij Milka Pročić	270	270	0.00	0.00	4950.00	8315.33	0.00	6435.00	100%-coal	0.00	6435.00	6435.00	20	1.58	0.00	18.33	23.83
PS Ivo Andrić Raško Jović	2448	2448	11152.00	76191.20	44880.00	187206.07	27880.00	80784.00	100%-district heating	27880.00	80784.00	108664.00	271	20.72	4.56	18.33	44.39
PS Ivo Andrić Donji Komren	430	430	223.00	1706.88	7883.33	13449.70	557.50	10248.33	85%-lignite, 15%-el.energy	557.50	10248.33	10805.83	no data	2.64	0.52	18.33	25.13
PS Kola Rasić	3588	3588	1620.00	12979.49	65780.00	183333.33	4050.00	78936.00	100%-fuel oil	4050.00	78936.00	82986.00	235	19.28	0.45	18.33	23.13
PS Kralj Petar I	2913	640	4640.00	53203.76	11733.33	221514.37	11600.00	21120.00	100%-district heating	11600.00	21120.00	32720.00	144	6.33	1.59	4.03	11.23
PS Kralj Petar I smali Pasi Poljana	142	142	104.00	1164.31	2603.33	4407.50	260.00	3384.33	100%-coal	260.00	3384.33	3644.33	40	0.89	0.73	18.33	25.66
PS Kralj Petar I smali Poljana new school	1300	1300	603.00	2572.14	2383.33	46067.68	1507.50	28600.00	100%-fuel oil	1507.50	28600.00	30107.50	no data	6.99	0.46	18.33	23.16
PS Miroslav Anić	2200	2200	4500.00	30482.02	40333.33	210106.27	11250.00	72600.00	100%-district heating	11250.00	72600.00	83850.00	265	15.70	2.05	18.33	38.11
PS Miroslav Anić Donja Vrežina	150	150	783.00	5247.35	2750.00	9256.55	1957.50	4950.00	100%-district heating	1957.50	4950.00	6907.50	14	1.32	5.22	18.33	46.05
PS Stevan Sudežić	693	650	1992.00	2955.15	11916.67	28333.33	4980.00	14300.00	100%-fuel oil	4980.00	14300.00	19280.00	no data	4.39	2.87	17.20	27.82
PS Sveti Sava	7400	6876	5700.00	44565.86	126060.00	522893.03	14250.00	226908.00	100%-district heating	14250.00	226908.00	241158.00	6224	44.62	0.77	17.04	32.59
PS Radoje Domanović	7221	4199	3780.00	44570.22	76981.67	323459.21	9450.00	138567.00	100%-district heating	9450.00	138567.00	148017.00	159	27.41	0.52	10.66	20.50
Special school I 4. oktobar	2495	2495	1958.00	13395.44	45741.67	522025.00	4895.00	54890.00	100%-fuel oil	4895.00	54890.00	59785.00	204	13.85	0.78	18.33	23.96
PS Car Konstantin	4336	4336	3886.00	28343.07	79493.33	329734.68	9715.00	143088.00	100%-district heating	9715.00	143088.00	152803.00	1745	28.29	0.90	18.33	35.24
PS Ratko Vukčević	4000	3925	4440.00	44552.39	71958.33	298529.96	11100.00	129525.00	100%-district heating	11100.00	129525.00	140625.00	658	26.10	1.11	17.99	35.16
PS Stefan Nemanja	3082	3082	2160.00	14665.00	56503.33	346239.60	5400.00	67804.00	100%-fuel oil	5400.00	67804.00	73204.00	200	16.97	0.70	18.33	23.75
PS Vuk Karadžić	2145	2145	22185.00	42601.06	39325.00	206592.04	55462.50	70785.00	100%-district heating	55462.50	70785.00	126247.50	200	24.74	10.34	18.33	58.86
PS Sreten Mladenović Mika	2524	1943	4480.00	31690.00	35621.67	147762.68	11200.00	64119.00	100%-district heating	11200.00	64119.00	75319.00	227	14.13	1.77	14.11	29.84
PS Vožd Karadorđe	3276	3276	3900.00	25340.00	60060.00	167290.90	9750.00	108108.00	100%-district heating	9750.00	108108.00	117858.00	75	21.89	1.19	18.33	35.98
Special school Bubanj	4200	4200	6480.00	45818.20	77000.00	647383.84	16200.00	92400.00	100%-fuel oil	16200.00	92400.00	108600.00	70	24.99	1.54	18.33	25.86
PS Ivan Goran Kovačić NISKA Banja	2530	2530	2917.00	19680.00	46383.33	149500.00	7292.50	55660.00	98%-fuel oil, 2%-el.energy	7292.50	55660.00	62952.50	0	14.53	1.15	18.33	24.88
PS Bramislav Nušić Donja Trnava	1385	1100	573.00	13297.03	20166.67	65577.50	1432.50	24200.00	100%-fuel oil	1432.50	24200.00	25632.50	48	5.95	0.41	14.56	18.51
PS Bramislav Nušić Gornja Toponica	182	145	0.00	312.64	2658.33	3045.83	0.00	3455.83	100%-coal and fire wood	0.00	3455.83	3455.83	2	0.85	0.00	14.61	18.99
PS Bramislav Nušić Gornja Trnava	122	70	22.00	412.95	1283.33	2172.50	55.00	1668.33	100%-coal and fire wood	55.00	1668.33	1723.33	no data	0.42	0.18	10.52	14.13
PS Bramislav Nušić Sčamca	181	140	439.00	3381.85	2566.67	3045.00	1097.50	3336.67	100%-coal and fire wood	1097.50	3336.67	4434.17	no data	1.05	2.43	14.18	24.50

Table 6. Energy consumption in schools-june 2010



European Union



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Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heating-energy consumption [kWh]	Monthly heating-energy consumption [RSD]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy of heat-consumption [kWh]	Monthly primary energy of heat-consumption [RSD]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heating-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Branislav Nusić Mezganja	182	145	0.00	690.11	2658.33	3045.00	100%-coal and fire wood	0.00	3455.83	3045.00	3455.83	no data	0.85	0.00	14.61	18.99
PS Branislav Nusić Supovac	136	110	58.00	954.56	2016.67	2172.50	100%-coal and fire wood	145.00	2621.67	2172.50	2766.67	no data	0.68	0.43	14.83	20.34
PS Karandorđe Gorji Matejevac - main school	1191	1056	437.00	2880.96	19360.00	156179.60	100%-fuel oil	1092.50	23232.00	156179.60	24324.50	no data	5.65	0.37	16.26	20.42
PS Karandorđe Gorji Matejevac - sports hall	355	355	58.00	954.56	6508.33	no data	100%-fuel oil	145.00	7810.00	no data	7955.00	no data	1.85	0.16	18.33	22.41
PS Karandorđe Gorji Matejevac - library, preschool, kitchen	240	240	107.00	1177.98	4400.00	6456.67	100%-coal and fire wood	267.50	5720.00	6456.67	5987.50	no data	1.46	0.45	18.33	24.95
PS Karandorđe Donji Matejevac	262	240	0.00	690.11	4400.00	no data	100%-fuel oil	0.00	5280.00	no data	5280.00	no data	1.23	0.00	16.79	20.15
PS Karandorđe Krcz selo	262	240	0.00	690.11	4400.00	no data	100%-coal and fire wood	0.00	5720.00	no data	5720.00	no data	1.41	0.00	16.79	21.83
PS Milan Rakić Medoševac	1572	1532	7750.00	53055.15	28086.67	no data	100%-coal	19375.00	36512.67	no data	55887.67	no data	13.10	4.93	17.87	35.55
PS Milan Rakić Popovac	1196	988	1315.00	9486.10	18113.33	no data	100%-coal	3287.50	23547.33	no data	26834.83	8	6.49	1.10	15.14	22.44
PS Vojskiv lič Mhadi Hum	1075	931	1213.00	5812.06	17068.33	107700.00	100%-fuel oil	3032.50	20482.00	107700.00	23514.50	no data	5.42	1.13	15.88	21.87
PS Vojskiv lič Mhadi Komnen	128	65	no data	no data	1191.67	2083.33	100%-lignite, fire wood	no data	1549.17	2083.33	no data	no data	no data	no data	9.31	no data
PS Vojskiv lič Mhadi Rujnik	202	74	53.00	503.58	1356.67	1666.67	100%-lignite, fire wood	132.50	1763.67	1666.67	1896.17	no data	0.46	0.26	6.72	9.39
PS Vojskiv lič Mhadi Leskovik	74	47	no data	no data	861.67	1750.00	100%-lignite, fire wood	no data	1120.17	1750.00	no data	no data	no data	no data	11.64	no data
PS Jovan Jovanović Zmaj Oseovac	214	120	0.00	312.64	2200.00	5833.33	100%-lignite, fire wood	0.00	2860.00	5833.33	2860.00	no data	0.70	0.00	10.28	13.36
PS Jovan Jovanović Zmaj Malača	1320	600	350.00	2285.94	11000.00	30000.00	98%-coal, 2-el energy	875.00	14300.00	30000.00	15175.00	no data	3.71	0.27	8.33	11.50
PS Jovan Jovanović Zmaj Vrebo	140	95	4.00	330.88	1741.67	4166.67	100%-lignite	10.00	2264.17	4166.67	2274.17	no data	0.56	0.03	12.44	16.24
PS Jovan Jovanović Zmaj Pasišća	197	95	19.00	399.28	1741.67	4166.67	100%-lignite	47.50	2264.17	4166.67	2311.67	no data	0.57	0.10	8.84	11.73
PS Branko Miljković Sivi Do	250	250	145.00	1351.00	4583.33	7641.00	100%-coal and fire wood	362.50	5958.33	7641.00	6320.83	7	1.54	0.58	18.33	25.28
PS Branko Radčević Vikramanovo	163	163	0.00	690.00	2988.33	5390.67	100%-coal and fire wood	0.00	3884.83	5390.67	3884.83	no data	0.96	0.00	18.33	23.83
PS Branko Radčević Berbatovo	300	120	1.00	854.00	2200.00	2060.58	100%-coal and fire wood	2.50	2860.00	2060.58	2862.50	no data	0.70	0.00	7.33	9.54
PS Branko Radčević Gabrovac	1057	1057	879.00	5973.00	19378.33	67528.67	100%-fuel oil	2197.50	23254.00	67528.67	25451.50	103	5.89	0.83	18.33	24.08
PS Desanka Maksimović Donje Medurovo	200	200	215.00	1670.00	3666.67	6574.00	100%-coal	537.50	4766.67	6574.00	5304.17	41	1.29	1.08	18.33	26.52
PS Desanka Maksimović Čokot	1400	1400	1056.00	7253.00	25666.67	197158.20	100%-fuel oil and propane-butane	2640.00	30800.00	197158.20	33440.00	24	7.75	0.75	18.33	23.89
PS Desanka Maksimović Krašće	200	200	0.00	0.00	3666.67	6574.00	100%-coal and fire wood	0.00	4766.67	6574.00	4766.67	no data	1.17	0.00	18.33	23.83
PS Desanka Maksimović Gornje Medurovo	200	200	no data	no data	3666.67	4895.00	100%-coal and fire wood	no data	4766.67	4895.00	no data	22	no data	no data	18.33	no data
PS Desanka Maksimović Novo Selo	640	640	1429.00	9665.00	11733.33	20848.00	100%-coal and fire wood	3572.50	15253.33	20848.00	18825.83	80	4.51	2.23	18.33	29.42
PS Desanka Maksimović Mramor	150	150	no data	no data	2750.00	4045.00	100%-lignite, fire wood	no data	3575.00	4045.00	no data	no data	no data	no data	18.33	no data
PS Desanka Maksimović Mramor	200	120	0.00	0.00	2200.00	4324.00	100%-lignite, fire wood	0.00	2860.00	4324.00	2860.00	no data	0.70	0.00	11.00	14.30
PS Desanka Maksimović Mramor - Mramorski potok	70	70	0.00	0.00	1283.33	3324.33	100%-lignite, fire wood	0.00	1668.33	3324.33	1668.33	2	0.41	0.00	18.33	23.83
PS Desanka Maksimović Babinj village	200	200	no data	no data	3666.67	6574.00	100%-lignite, fire wood	no data	4766.67	6574.00	no data	no data	no data	no data	18.33	no data
PS Desanka Maksimović Lalinac	576	400	0.00	314.64	7333.33	118560.00	100%-lignite, fire wood	0.00	9533.33	118560.00	9533.33	no data	2.35	0.00	12.73	16.55
PS Dušan Tasković Srečko Osovoška village	100	60	no data	690.11	1100.00	58440.00	100%-lignite, fire wood	no data	1430.00	58440.00	no data	no data	no data	no data	11.00	no data

Table 6. Energy consumption in schools-june 2010



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Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dušan Tasković Srečko	1052	637	454.00	2969.87	11678.33	108600.00	100%-lignite, fire wood	1135.00	15181.83	16316.83	no data	3.98	0.43	11.10	15.51	
PS Dana Jakšić Prosek	167	88	0.00	486.00	1613.33	55620.00	100%-lignite, fire wood	0.00	2097.33	2097.33	no data	0.52	0.00	9.66	12.56	
PS Dana Jakšić Iekštica	750	595	641.00	4248.81	10908.33	233560.00	100%-coal and fire wood	1602.50	14180.83	15783.33	111	3.83	0.85	14.54	21.04	
PS Dana Jakšić Donja Studena	563	250	0.00	690.11	4583.33	85240.00	100%-coal and fire wood	0.00	5958.33	5958.33	4	1.47	0.00	8.14	10.58	
PS Dana Jakšić Čukljenik	106	57	0.00	486.28	1045.00	29220.00	100%-lignite, fire wood	0.00	1358.50	1358.50	no data	0.33	0.00	9.86	12.82	
PS Dana Jakšić Iekštica	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	
PS Dana Jakšić Reflektors	no data	no data	no data	288.19	no data	no data	100%-coal and fire wood	no data	no data	no data	no data	no data	no data	no data	no data	
PS Ivo Andrić Čamarjia	240	240	128.00	1196.86	4400.00	35309.00	90%-fuel oil, 10%-el.energy	320.00	5280.00	5600.00	no data	1.30	0.53	18.33	23.33	
PS Lela Popović Kralje	405	60	no data	no data	1100.00	21360.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	no data	2.72	no data
PS Lela Popović Mijkovac	624	624	291.00	1639.46	11440.00	95160.00	100%-coal and fire wood	727.50	14872.00	15599.50	19	3.82	0.47	18.33	25.00	
PS Lela Popović Palgrave	316	66	no data	312.64	1210.00	21360.00	100%-lignite, fire wood	no data	1573.00	no data	no data	no data	no data	no data	3.83	no data
PS Lela Popović Paljina	72	42	no data	312.64	770.00	no data	100%-lignite, fire wood	no data	1001.00	no data	no data	no data	no data	no data	10.69	no data
PS Lela Popović Velepolje	402	116	no data	312.64	2126.67	27540.00	100%-lignite, fire wood	no data	2764.67	no data	no data	no data	no data	no data	5.29	no data
PS Prvi Maj Vrišće	180	160	246.00	1186.40	2933.33	86400.00	100%-coal and fire wood	615.00	3813.33	4428.33	6	1.07	1.37	16.30	24.60	
PS Prvi Maj Trnopolje	1800	1519	3680.00	44120.61	27848.33	159460.00	100%-fuel oil	9200.00	33418.00	42618.00	43	9.75	2.04	15.47	23.68	
PS Stevan Sudešić Breznica	328	154	no data	no data	2823.33	no data	100%-coal	no data	3670.33	no data	no data	no data	no data	no data	8.61	no data
PS Stevan Sudešić Cerje	295	108	no data	no data	1980.00	no data	100%-coal	no data	2574.00	no data	no data	no data	no data	no data	6.71	no data
PS Čegar Gornja Vrežna	532	532	0.00	690.11	9753.33	56950.00	100%-fuel oil	0.00	11704.00	11704.00	15	2.73	0.00	18.33	22.00	
PS Čegar Jasenovik	116	116	54.00	558.86	2126.67	35000.00	100%-coal and fire wood	135.00	2764.67	2899.67	no data	0.71	0.47	18.33	25.00	
PS Ivan Goran Kovačić Prva Kučina	380	177	0.00	313.00	3245.00	40536.00	90%-lignite, 10%-el.energy	0.00	4218.50	4218.50	11	1.04	0.00	8.54	11.10	
PS Ivan Goran Kovačić Nikola Tesla	450	400	315.00	2126.00	7333.33	106955.00	98%-coal, 2%-el.energy	787.50	9533.33	10320.83	0	2.51	0.70	16.30	22.94	
PS Ivan Goran Kovačić Brzi Brod	2500	2500	0.00	0.00	45833.33	43066.67	96%-coal, 4%-el.energy	0.00	59583.33	59583.33	0	14.67	0.00	18.33	23.83	
Electro-technical school Mija Slatinović	3250	3250	6240.00	5314.99	59583.33	no data	100%-el.energy	15600.00	0.00	15600.00	835	34.89	1.92	18.33	4.80	
Gimnazium Stevan Srenac	2588	2588	3672.00	25417.53	47446.67	196827.57	100%-district heating	9180.00	85404.00	94584.00	141	17.60	1.42	18.33	36.55	
Gimnazium Bora Stanković	2588	2588	3672.00	25417.53	47446.67	196827.57	100%-district heating	9180.00	85404.00	94584.00	141	17.60	1.42	18.33	36.55	
Gimnazium 9. maj	2389	2297	2014.00	16079.21	42111.67	181697.45	100%-district heating	5035.00	75801.00	80836.00	234	14.96	0.84	17.63	33.84	
Construction school Neinar	2439	2439	no data	no data	44715.00	no data	100%-district heating	no data	80487.00	no data	no data	no data	no data	no data	18.33	no data
Neinar - polygon	1200	1200	no data	1583.16	22000.00	27764.67	80%-coal, 20%-el.energy	no data	28600.00	no data	no data	no data	no data	no data	18.33	no data
Medical school dr Milenko Hadžić	2615	2615	no data	77259.46	47941.67	271854.40	100%-fuel oil	no data	57530.00	no data	no data	no data	no data	no data	18.33	no data
Musical school	1195	1195	1530.00	10249.15	21908.33	91027.05	100%-district heating	3825.00	39435.00	43260.00	40	8.04	1.28	18.33	36.20	
Legal biotechnical school	2592	2592	no data	29388.68	47520.00	213085.31	95%-fuel oil, 5%-el.energy	no data	57024.00	no data	no data	no data	no data	no data	18.33	no data

Table 6. Energy consumption in schools-june 2010



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Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy of heat-consumption [kWh]	Monthly primary energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
Chemical and food technological school	1650	1576	8115.00	40644.00	28893.33	116128.00	100%-district heating	20287.50	52008.00	72295.50	268	13.84	4.92	17.51	43.82	
Gimnazium Svetozar Marković	2663	2273	2215.00	15874.00	41671.67	171046.00	100%-district heating	5537.50	75009.00	80546.50	56	14.93	0.83	15.65	30.25	
School of fashion and beauty-main	983	763	2460.00	32511.00	13988.33	57448.50	95%-district heating, 5%-el-energy	6150.00	25179.00	31329.00	166	5.92	2.50	14.23	31.87	
School of fashion and beauty 2	682	520	840.00	13087.00	9533.33	no data	100%-el-energy	2100.00	0.00	2100.00	4	5.50	1.23	13.98	3.08	
Technical school 12. februar	3041	3041	7180.00	63075.00	55751.67	no data	100%-district heating	17950.00	100353.00	118303.00	379	22.20	2.36	18.33	38.90	
Art school	2635	2539	3930.00	53477.10	46548.33	193043.51	100%-district heating	9825.00	83787.00	93612.00	136	17.44	1.49	17.67	35.53	
Mechanical school	3995	3995	no data	no data	73241.67	303803.76	100%-district heating	no data	131835.00	no data	118	no data	no data	18.33	no data	
Electro-technical school Nikola Tesla	5226	3227	4240.00	30185.24	59161.67	332274.00	100%-district heating	10600.00	106491.00	117091.00	72	21.77	0.81	11.32	22.41	
School for hospitality and tourism	3737	3737	3888.00	28231.00	68511.67	97911.55	100%-fuel oil	9720.00	82214.00	91934.00	254	21.24	1.04	18.33	24.60	
School for economics	3737	3737	5184.00	37641.00	68511.67	113490.50	100%-fuel oil	12960.00	82214.00	95174.00	338	21.93	1.39	18.33	25.47	
School for trade	3737	3737	3888.00	28231.00	68511.67	85117.83	100%-fuel oil	9720.00	82214.00	91934.00	254	21.24	1.04	18.33	24.60	
Technical school 15. maj	3041	3041	7180.00	63075.00	55751.67	0.00	99%-district heating, 1%-el-energy	17950.00	100353.00	118303.00	379	22.20	2.36	18.33	38.90	

Table 6. Energy consumption in schools-june 2010



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ENERGY CONSUMPTION IN SCHOOLS-JULY 2010

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary energy of electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dušan Radović	5600	4046	4660.00	20602.32	74176.67	304472.46	100%-district heating	11650.00	133518.00	145168.00	1200	26.95	0.83	13.25	25.92
PS Čele Kula	3756	3756	704.00	5080.23	68860.00	285628.00	100%-district heating	1760.00	123948.00	125708.00	no data	23.10	0.19	18.33	33.47
PS Čegar	3316	3316	0.00	690.11	60793.33	223006.25	100%-fuel oil	0.00	72952.00	72952.00	50	17.02	0.00	18.33	22.00
PS Učitelj Tasa	4536	4536	1340.00	13259.53	83160.00	256793.63	100%-district heating	3350.00	149688.00	153038.00	329	28.15	0.30	18.33	33.74
PS Branko Mijlković - main school	3983	3983	680.00	4490.00	73021.67	78157.83	50%-district heating, 50%-fuel oil	1700.00	109532.50	111232.50	330	22.63	0.17	18.33	27.93
PS Buhajski Heroji	2822	2822	7497.00	43338.07	51736.67	242408.06	100%-fuel oil	18742.50	62084.00	80826.50	387	18.46	2.66	18.33	28.64
PS Buhajski Heroji Milka Proić	270	270	409.00	1845.33	4950.00	8315.33	100%-coal	1022.50	6435.00	7457.50	0	1.80	1.51	18.33	27.62
PS Ivo Andrić Banko Jović	2448	2448	902.00	6008.78	44880.00	187206.07	100%-district heating	2255.00	80784.00	83039.00	0	15.29	0.37	18.33	33.92
PS Ivo Andrić Donji Komren	430	430	23.00	794.98	7883.33	13449.70	85%-ignite, 15%-e-energy	57.50	10248.33	10305.83	no data	2.53	0.05	18.33	23.97
PS Kole Rasić	3588	3588	600.00	4888.83	65780.00	183333.33	100%-fuel oil	1500.00	78936.00	80436.00	182	18.74	0.17	18.33	22.42
PS Kralj Petar I	2913	640	1920.00	15252.56	11733.33	221514.37	100%-district heating	4800.00	21120.00	25920.00	141	4.89	0.66	4.03	8.90
PS Kralj Petar I small Pasi Poljana school	142	142	16.00	765.06	2603.33	4407.50	100%-coal	40.00	3384.33	3424.33	40	0.84	0.11	18.33	24.12
PS Kralj Petar I Pasi Poljana new school	1300	1300	365.00	1915.58	23833.33	46067.68	100%-fuel oil	912.50	28600.00	29512.50	7	6.87	0.28	18.33	22.70
PS Miroslav Anić	2200	2200	1440.00	9820.55	40333.33	210106.27	100%-district heating	3600.00	72600.00	76200.00	52	14.07	0.65	18.33	34.64
PS Miroslav Anić Donja Vrežina	150	150	0.00	690.11	2750.00	9256.55	100%-district heating	0.00	4950.00	4950.00	7	0.91	0.00	18.33	33.00
PS Slevan Sindčić	693	650	2316.00	3028.67	11916.67	28333.33	100%-fuel oil	5790.00	14300.00	20090.00	no data	4.56	3.34	17.20	28.99
PS Sveti Sava	7400	6876	2220.00	17683.39	126060.00	522893.03	100%-district heating	5550.00	226908.00	232458.00	8034	42.78	0.30	17.04	31.41
PS Radoje Domanić	7221	4199	3015.00	28621.95	76981.67	323459.21	100%-district heating	7537.50	138567.00	146104.50	62	27.00	0.42	10.66	20.23
Special school 14.oktobar	2495	2495	1210.00	7146.06	45741.67	522025.00	100%-fuel oil	3025.00	54890.00	57915.00	26	13.45	0.48	18.33	23.21
PS Car Konstantin	4336	4336	2481.00	19853.89	79493.33	329734.68	100%-district heating	6202.50	143088.00	149290.50	294	27.55	0.57	18.33	34.43
PS Ranko Vukićević	4000	3925	1640.00	10142.11	71958.33	298529.96	100%-district heating	4100.00	129525.00	133625.00	478	24.62	0.41	17.99	33.41
PS Stefan Nemaja	3082	3082	1290.00	8343.00	56503.33	346239.60	100%-fuel oil	3225.00	67804.00	71029.00	190	16.50	0.42	18.33	23.05
PS Vuk Karadžić	2145	2145	23027.20	27792.04	39325.00	206592.04	100%-district heating	57568.00	70785.00	128353.00	332	25.18	10.74	18.33	59.84
PS Sten Mladenović Mika	2524	1943	2520.00	17574.40	35621.67	147762.68	100%-district heating	6300.00	64119.00	70419.00	119	13.09	1.00	14.11	27.90
PS Vođi Kratordole	3276	3276	1920.00	12207.00	60060.00	249126.69	100%-district heating	4800.00	108108.00	112908.00	279	20.84	0.59	18.33	34.47
Special school Buhanj	4200	4200	2080.00	14440.76	77000.00	647383.84	100%-fuel oil	5200.00	92400.00	97600.00	30	22.66	0.50	18.33	23.24
PS Ivan Goran Kovačić Niška Banja	2530	2530	1939.00	12831.00	46383.33	149500.00	98%-fuel oil, 2%-e-energy	4847.50	55660.00	60507.50	20	14.02	0.77	18.33	23.92
PS Branislav Nušić Dojina Trnava	1385	1100	163.00	4464.69	20166.67	65577.50	100%-fuel oil	407.50	24200.00	24607.50	42	5.73	0.12	14.56	17.77
PS Branislav Nušić Gomja Toponica	182	145	0.00	312.64	268.33	3045.00	100%-coal and fire wood	0.00	3455.83	3455.83	2	0.85	0.00	14.61	18.99
PS Branislav Nušić Gomja Trnava	122	70	104.00	786.84	1283.33	2172.50	100%-coal and fire wood	260.00	1668.33	1928.33	no data	0.47	0.85	10.52	15.81
PS Branislav Nušić Sečanića	181	140	0.00	1380.22	2566.67	3045.00	100%-coal and fire wood	0.00	3336.67	3336.67	no data	0.82	0.00	14.18	18.43

Table 7. Energy consumption in schools-july 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [litre]	Monthly emissions of CO ₂ [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Branislav Niski Mezgaja	182	145	0.00	690.11	2658.33	3045.00	100%-coal and fire wood	0.00	3455.83	3455.83	no data	0.85	0.00	14.61	18.99
PS Branislav Niski Supovac	136	110	0.00	690.11	2016.67	2172.50	100%-coal and fire wood	0.00	2621.67	2621.67	no data	0.65	0.00	14.83	19.28
PS Kamardorle Gorjii Matejevac - main school	1191	1056	0.00	5938.15	19360.00	156179.60	100%-fuel oil	0.00	23232.00	23232.00	no data	5.42	0.00	16.26	19.51
PS Kamardorle Gorjii Matejevac - sports hall	355	355	0.00	0.00	6508.33	no data	100%-fuel oil	0.00	7810.00	7810.00	no data	1.82	0.00	18.33	22.00
PS Kamardorle Gorjii Matejevac - library, preschool, kitchen	240	240	0.00	0.00	4400.00	6456.67	100%-coal and fire wood	0.00	5720.00	5720.00	no data	1.41	0.00	18.33	23.83
PS Kamardorle Donji Matejevac	262	240	0.00	690.11	4400.00	no data	100%-fuel oil	0.00	5280.00	5280.00	no data	1.23	0.00	16.79	20.15
PS Kamardorle Knez seb	262	240	0.00	690.11	4400.00	no data	100%-coal and fire wood	0.00	5720.00	5720.00	no data	1.41	0.00	16.79	21.83
PS Milan Rakic Medoševac	1572	1532	3619.00	24749.65	28086.67	no data	100%-coal	9047.50	36512.67	45560.17	no data	10.91	2.30	17.87	28.98
PS Milan Rakic Popovac	1196	988	159.00	1138.57	18113.33	no data	100%-coal	397.50	23847.33	23944.83	1	5.88	0.13	15.14	20.02
PS Vojslav Ili Mladi Hum	1075	931	694.00	3049.97	17068.33	107700.00	100%-fuel oil	1735.00	20482.00	22217.00	no data	5.15	0.65	15.88	20.67
PS Vojslav Ili Mladi Komten	128	65	no data	no data	1191.67	2083.33	100%-ignite, fire wood	no data	1549.17	no data	no data	no data	no data	9.31	no data
PS Vojslav Ili Mladi Rujnik	202	74	0.00	0.00	1356.67	1666.67	100%-ignite, fire wood	0.00	1763.67	1763.67	no data	0.43	0.00	6.72	8.73
PS Vojslav Ili Mladi Leskovik Oreovac	74	47	no data	no data	861.67	1750.00	100%-ignite, fire wood	no data	1120.17	no data	no data	no data	no data	11.64	no data
PS Jovan Jovanovic Zrnaj	214	120	0.00	312.64	2200.00	5833.33	100%-ignite, fire wood	0.00	2860.00	2860.00	no data	0.70	0.00	10.28	13.36
PS Jovan Jovanovic Zrnaj Maska	1320	600	20.00	690.11	11000.00	30000.00	98%-coal, 2-el.energy	50.00	14300.00	14350.00	no data	3.53	0.02	8.33	10.87
PS Jovan Jovanovic Zrnaj Vrelo	140	95	0.00	321.64	1741.67	4166.67	100%-ignite	0.00	2264.17	2264.17	no data	0.56	0.00	12.44	16.17
PS Jovan Jovanovic Zrnaj Pasjaca	197	95	0.00	312.64	1741.67	4166.67	100%-ignite	0.00	2264.17	2264.17	no data	0.56	0.00	8.84	11.49
PS Banko Mijlkovic Svi Do	250	250	5.00	690.00	4583.33	7641.00	100%-coal and fire wood	12.50	5958.33	5970.83	4	1.47	0.02	18.33	23.88
PS Banko Radicevic Vukmanovo	163	163	276.00	1948.00	2988.33	5390.67	100%-coal and fire wood	690.00	3884.83	4574.83	no data	1.10	1.69	18.33	28.07
PS Banko Radicevic Berbatovo	300	120	1.00	690.00	2200.00	2060.58	100%-coal and fire wood	2.50	2860.00	2862.50	no data	0.70	0.00	7.33	9.54
PS Banko Radicevic Gabrovac	1057	1057	390.00	3166.00	19378.33	67528.67	100%-fuel oil	975.00	23254.00	24229.00	0	5.63	0.37	18.33	22.92
PS Desanka Maksimovic Donje Medurovo	200	200	133.00	1296.00	3666.67	6574.00	100%-coal	332.50	4766.67	5099.17	15	1.24	0.67	18.33	25.50
PS Desanka Maksimovic Cokot	1400	1400	3874.00	28838.00	25666.67	197158.20	100%-fuel oil and propane-butane	9685.00	30800.00	40485.00	24	9.24	2.77	18.33	28.92
PS Desanka Maksimovic Krušec	200	200	72.00	1018.00	3666.67	6574.00	100%-coal and fire wood	180.00	4766.67	4946.67	no data	1.21	0.36	18.33	24.73
PS Desanka Maksimovic Gomje Medurovo	200	200	no data	no data	3666.67	4895.00	100%-coal and fire wood	no data	4766.67	no data	8	no data	no data	18.33	no data
PS Desanka Maksimovic Novo Selo	640	640	1429.00	9665.00	11733.33	20848.00	100%-coal and fire wood	3572.50	15253.33	18825.83	80	4.51	2.23	18.33	29.42
PS Desanka Maksimovic Mramor	150	150	no data	no data	2750.00	4045.00	100%-ignite, fire wood	no data	3575.00	no data	no data	no data	no data	18.33	no data
PS Desanka Maksimovic Mramorski potok	200	120	10.00	1780.00	2200.00	4324.00	100%-ignite, fire wood	25.00	2860.00	2885.00	no data	0.71	0.05	11.00	14.43
PS Desanka Maksimovic Bubanj village	70	70	0.00	0.00	1283.33	3324.33	100%-ignite, fire wood	0.00	1668.33	1668.33	no data	0.41	0.00	18.33	23.83
PS Desanka Maksimovic Lalinac	200	200	no data	no data	3666.67	6574.00	100%-ignite, fire wood	no data	4766.67	no data	no data	no data	no data	18.33	no data
PS Dusan Taskovic Srečko Ostrovca village	576	400	233.00	1375.01	7333.33	118560.00	100%-ignite, fire wood	582.50	9533.33	10115.83	no data	2.47	0.40	12.73	17.56
PS Dusan Taskovic Srečko Ostrovca	100	60	no data	690.11	1100.00	58440.00	100%-ignite, fire wood	no data	1430.00	no data	no data	no data	no data	11.00	no data

Table 7. Energy consumption in schools-july 2010



European Union



Bulgaria – Serbia
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PS Dušan Tasković Srečko	1052	637	164.00	1437.88	11678.33	168600.00	100%-lignite, fire wood	410.00	15181.83	15591.83	no data	3.82	0.16	11.10	14.82
PS Dura Jakšić Prosek	167	88	0.00	486.28	1613.33	55620.00	100%-lignite, fire wood	0.00	2097.33	2097.33	no data	0.52	0.00	9.66	12.56
PS Dura Jakšić Jelašnica	750	595	351.00	2290.50	10908.33	253560.00	100%-coal and fire wood	877.50	14180.83	15058.33	67	3.68	0.47	14.54	20.08
PS Dura Jakšić Dorja Studena	563	250	0.00	690.11	4583.33	85240.00	100%-coal and fire wood	0.00	5958.33	5958.33	2	1.47	0.00	8.14	10.58
PS Dura Jakšić Čukljenik	106	57	0.00	486.28	1045.00	29220.00	100%-lignite, fire wood	0.00	1358.50	1358.50	no data	0.33	0.00	9.86	12.82
PS Dura Jakšić Jelašnica	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
PS Dura Jakšić Reflektors	no data	no data	no data	288.19	no data	no data	100%-coal and fire wood	no data	no data	no data	no data	no data	no data	no data	no data
PS Ivo Andrić Čamarlija	240	240	118.00	114.75	4400.00	35309.00	90%-fuel oil, 10%-eEnergy	295.00	5280.00	5575.00	no data	1.29	0.49	18.33	23.23
PS Lela Popović Krvlje	405	60	no data	no data	1100.00	21360.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	2.72	no data
PS Lela Popović Mljikovac	624	624	297.00	3082.10	11440.00	95160.00	100%-coal and fire wood	742.50	14872.00	15614.50	19	3.82	0.48	18.33	25.02
PS Lela Popović Paligrace	316	66	no data	312.64	1210.00	21360.00	100%-lignite, fire wood	no data	1573.00	no data	no data	no data	no data	3.83	no data
PS Lela Popović Velepoltje	72	42	no data	312.64	770.00	no data	100%-lignite, fire wood	no data	1001.00	no data	no data	no data	no data	10.69	no data
PS Lela Popović Vitešje	402	116	no data	312.64	2126.67	27540.00	100%-lignite, fire wood	no data	2764.67	no data	no data	no data	no data	5.29	no data
PS Prvi Maj Vrište	180	160	0.00	690.11	2933.33	86400.00	100%-coal and fire wood	0.00	3813.33	3813.33	7	0.94	0.00	16.30	21.19
PS Prvi Maj Trupale	1800	1519	2760.00	38812.34	27848.33	159460.00	100%-fuel oil	6900.00	33418.00	40318.00	43	9.26	1.53	15.47	22.40
PS Stevan Sindžić Breznica	328	154	no data	no data	2823.33	no data	100%-coal	no data	3670.33	no data	no data	no data	no data	8.61	no data
PS Stevan Sindžić Cerje	295	108	no data	no data	1980.00	no data	100%-coal	no data	2574.00	no data	no data	no data	no data	6.71	no data
PS Čegar Gornja Vrežina	532	532	0.00	690.11	9753.33	56950.00	100%-fuel oil	0.00	11704.00	11704.00	15	2.73	0.00	18.33	22.00
PS Čegar Jasenovik	116	116	220.00	1315.74	2126.67	35000.00	100%-coal and fire wood	550.00	2764.67	3314.67	no data	0.80	1.90	18.33	28.57
PS Ivan Goran Kovačić Prva Kušina	380	177	0.00	313.00	3245.00	40536.00	90%-lignite, 10%-eEnergy	0.00	4218.50	4218.50	16	1.04	0.00	8.54	11.10
PS Ivan Goran Kovačić Nikola Tesla	450	400	181.00	1515.00	7333.33	106955.00	98%-coal, 2%-eEnergy	452.50	9533.33	9985.83	0	2.44	0.40	16.30	22.19
PS Ivan Goran Kovačić Brzi Brod	2500	2500	0.00	0.00	45833.33	43066.67	96%-coal, 4%-eEnergy	0.00	59583.33	59583.33	38	14.67	0.00	18.33	23.83
Electro-technical school Mija Staminović	3250	3250	1800.00	20129.18	59583.33	no data	100%-eEnergy	4500.00	0.00	4500.00	104	32.53	0.55	18.33	1.38
Gimnazium Stevan Stenac	2588	2588	no data	690.12	47446.67	196827.57	100%-district heating	no data	85404.00	no data	57	no data	no data	18.33	no data
Gimnazium Bora Stanković	2588	2588	no data	690.12	47446.67	196827.57	100%-district heating	no data	85404.00	no data	57	no data	no data	18.33	no data
Gimnazium 9. maj	2389	2297	930.00	7612.20	42111.67	181697.45	100%-district heating	2325.00	75801.00	78126.00	222	14.39	0.39	17.63	32.70
Construction school Neman	2439	2439	no data	no data	44715.00	no data	100%-district heating	no data	80487.00	no data	no data	no data	no data	18.33	no data
Neman - polygon	1200	1200	no data	1462.54	22000.00	27764.67	80%-coal, 20%-eEnergy	no data	28600.00	no data	no data	no data	no data	18.33	no data
Medical school dr. Milenko Hadžić	2615	2615	no data	35766.04	47941.67	217854.40	100%-fuel oil	no data	57530.00	no data	no data	no data	no data	18.33	no data
Musical school	1195	1195	600.00	4048.20	21908.33	91027.05	100%-district heating	1500.00	39435.00	40935.00	56	7.55	0.50	18.33	34.26
Legal/biotechnical school	2592	2592	no data	16837.50	47520.00	213085.31	95%-fuel oil, 5%-eEnergy	no data	57024.00	no data	no data	no data	no data	18.33	no data

Table 7. Energy consumption in schools-july 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy of heat-consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
Chemical and food technological school	1650	1576	1219.00	8458.00	28893.33	116128.00	100%-district heating	3047.50	52008.00	50655.50	271	10.18	0.74	17.51	33.37	
Gimnazium Svetozar Marković	2663	2273	9137.00	27980.00	41671.67	171046.00	100%-district heating	22842.50	75009.00	97851.50	67	18.59	3.43	15.65	36.74	
School of fashion and beauty-main	983	763	0.00	61.50	13988.33	57448.50	95%-district heating, 5%-e-energy	0.00	25179.00	25179.00	51	4.62	0.00	14.23	25.61	
School of fashion and beauty 2	682	520	30.00	2700.00	9533.33	no data	100%-e-energy	75.00	0.00	75.00	11	5.07	0.04	13.98	0.11	
Technical school 12. februar	3041	3041	4720.00	39760.00	55751.67	no data	100%-district heating	11800.00	100353.00	112153.00	287	20.90	1.55	18.33	36.88	
Art school	2635	2539	780.00	14037.64	46548.33	193043.51	100%-district heating	1950.00	83787.00	85737.00	0	15.77	0.30	17.67	32.54	
Mechanical school	3995	3995	no data	no data	73241.67	303803.76	100%-district heating	no data	131835.00	no data	64	no data	no data	18.33	no data	
Electro-technical school Nikola Tesla	5226	3227	1000.00	7258.36	59161.67	332274.00	100%-district heating	2500.00	106491.00	108991.00	23	20.05	0.19	11.32	20.86	
School for hospitality and tourism	3737	3737	2040.00	27083.00	68511.67	97911.55	100%-fuel oil	5100.00	82214.00	87314.00	228	20.26	0.55	18.33	23.36	
School for economics	3737	3737	2720.00	36111.00	68511.67	113490.50	100%-fuel oil	6800.00	82214.00	89014.00	304	20.62	0.73	18.33	23.82	
School for trade	3737	3737	2040.00	27083.00	68511.67	85117.83	100%-fuel oil	5100.00	82214.00	87314.00	228	20.26	0.55	18.33	23.36	
Technical school 15. maj	3041	3041	4720.00	39760.00	55751.67	0.00	99%-district heating, 1%-e-energy	11800.00	100353.00	112153.00	287	20.90	1.55	18.33	36.88	

Table 7. Energy consumption in schools-july 2010



European Union



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IPA Cross-border Programme

ENERGY CONSUMPTION IN SCHOOLS-AUGUST 2010

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [KWh]	Monthly heat-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Monthly primary energy of electrical-energy consumption [kWh]	Type of heating	Monthly primary energy of electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dušan Radović	5600	4046	14220.00	96519.85	74176.67	304472.46	304472.46	35550.00	100%-district heating	35550.00	133518.00	169068.00	2070	32.01	2.54	13.25	30.19
PS Čele Kula	3756	3756	508.00	3553.49	68860.00	285628.00	285628.00	1270.00	100%-district heating	1270.00	123948.00	125218.00	142	22.99	0.14	18.33	33.34
PS Čegar	3316	3316	3132.00	21312.82	60793.33	223006.25	223006.25	7830.00	100%-fuel oil	7830.00	72952.00	80782.00	30	18.68	0.94	18.33	24.36
PS Učitelj Tasa	4536	4536	18000.00	21726.29	83160.00	256793.63	256793.63	4500.00	100%-district heating	4500.00	149688.00	154188.00	221	28.40	0.40	18.33	33.99
PS Branako Mijlkovčė - main school	3983	3983	960.00	6457.00	73021.67	78157.83	78157.83	2400.00	50%-district heating, 50%-fuel oil	2400.00	109532.50	111932.50	14	22.78	0.24	18.33	28.10
PS Buhajski Heroji	2822	2822	5194.00	29854.60	51736.67	242408.06	242408.06	12985.00	100%-fuel oil	12985.00	62084.00	75069.00	691	17.24	1.84	18.33	26.60
PS Buhajski Heroji Milka Protė	270	270	0.00	0.00	4950.00	8315.33	8315.33	0.00	100%-coal	0.00	6435.00	6435.00	2	1.58	0.00	18.33	23.83
PS Ivo Andrić Raško Jović	2448	2448	1022.00	6881.94	44880.00	187206.07	187206.07	2555.00	100%-district heating	2555.00	80784.00	83339.00	0	15.35	0.42	18.33	34.04
PS Ivo Andrić Donji Komren	430	430	48.00	908.97	7883.33	13449.70	13449.70	1200.00	85%-lignite, 15%-el-energy	1200.00	10248.33	10568.33	no data	2.55	0.11	18.33	24.11
PS Kola Raškė	3588	3588	690.00	3922.47	65780.00	183333.33	183333.33	1725.00	100%-fuel oil	1725.00	78936.00	80661.00	202	18.78	0.19	18.33	22.48
PS Knaji Petar I	2913	640	2620.00	36495.37	11733.33	221514.37	221514.37	6550.00	100%-district heating	6550.00	21120.00	27670.00	no data	5.26	0.90	4.03	9.50
PS Knaji Petar I small Pasa Poľjana	142	142	29.00	822.34	2603.33	4407.50	4407.50	72.50	100%-coal	72.50	3384.33	3456.83	40	0.85	0.20	18.33	24.34
PS Knaji Petar Pasi Poľjana new school	1300	1300	431.00	2113.59	23833.33	46067.68	46067.68	1077.50	100%-fuel oil	1077.50	28600.00	29677.50	15	6.90	0.33	18.33	22.83
PS Miroslav Antić	2200	2200	2370.00	16153.73	40333.33	210106.27	210106.27	5925.00	100%-district heating	5925.00	72600.00	78525.00	230	14.57	1.08	18.33	35.69
PS Miroslav Antić Donja Vrežina	150	150	1457.00	9006.67	2750.00	9256.55	9256.55	3642.50	100%-district heating	3642.50	4950.00	8592.50	2	1.68	9.71	18.33	57.28
PS Stevan Stanić	693	650	6114.00	7442.16	11916.67	28333.33	28333.33	15285.00	100%-fuel oil	15285.00	14300.00	29585.00	no data	6.58	8.82	17.20	42.69
PS Sveti Sava	7400	6876	2460.00	21334.30	126060.00	522893.03	522893.03	6150.00	100%-district heating	6150.00	256908.00	233058.00	21	42.90	0.33	17.04	31.49
PS Radoje Domanović	7221	4199	2885.00	29746.00	76981.67	323459.21	323459.21	7212.50	100%-district heating	7212.50	138567.00	145779.50	17	26.93	0.40	10.66	20.19
Special school 14. oktobar	2495	2495	1013.00	6348.72	45741.67	522025.00	522025.00	2532.50	100%-fuel oil	2532.50	54890.00	57422.50	61	13.34	0.41	18.33	23.02
PS Car Konstantin	4336	4336	811.00	8353.32	79493.33	329734.68	329734.68	2027.50	100%-district heating	2027.50	143088.00	145115.50	229	26.66	0.19	18.33	33.47
PS Raško Vukićevė	4000	3925	2000.00	33340.71	71958.33	298529.96	298529.96	5000.00	100%-district heating	5000.00	129525.00	134525.00	383	24.81	0.50	17.99	33.63
PS Stefan Nemanja	3082	3082	1290.00	8343.00	56503.33	346239.60	346239.60	3225.00	100%-fuel oil	3225.00	67804.00	71029.00	51	16.50	0.42	18.33	23.05
PS Vuk Karadžić	2145	2145	23658.50	13192.41	39325.00	206592.04	206592.04	59146.25	100%-district heating	59146.25	70785.00	129931.25	277	25.52	11.03	18.33	60.57
PS Sreten Mladenović Mka	2524	1943	5560.00	38105.53	35621.67	147762.68	147762.68	13900.00	100%-district heating	13900.00	64119.00	78019.00	91	14.70	2.20	14.11	30.91
PS Vođi Kandorđe	3276	3276	1490.00	10131.00	60600.00	249126.69	249126.69	3725.00	100%-district heating	3725.00	108108.00	111833.00	180	20.61	0.45	18.33	34.14
Special school Buhaj	4200	4200	4320.00	31010.43	77000.00	647383.84	647383.84	10800.00	100%-fuel oil	10800.00	92400.00	103200.00	12	23.85	1.03	18.33	24.57
PS Ivan Goran Kovačev Niška Banja	2530	2530	2079.00	14128.00	46383.33	149500.00	149500.00	5197.50	98%-fuel oil, 2%-el-energy	5197.50	55660.00	60857.50	52	14.09	0.82	18.33	24.05
PS Branislav Nušić Donja Trnava	1385	1100	226.00	5439.20	20166.67	65577.50	65577.50	565.00	100%-fuel oil	565.00	24200.00	24765.00	0	5.77	0.16	14.56	17.88
PS Branislav Nušić Gornja Toponica	182	145	77.00	663.73	2658.33	3045.00	3045.00	192.50	100%-coal and fire wood	192.50	3455.83	3648.33	5	0.89	0.42	14.61	20.05
PS Branislav Nušić Gornja Trnava	122	70	0.00	312.64	1283.33	2172.50	2172.50	0.00	100%-coal and fire wood	0.00	1668.33	1668.33	no data	0.41	0.00	10.52	13.67
PS Branislav Nušić Sečane	181	140	331.00	2889.42	2566.67	3045.00	3045.00	827.50	100%-coal and fire wood	827.50	3336.67	4164.17	no data	1.00	1.83	14.18	23.01

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PS Branislav Nusić Mezejaia	182	145	32.00	836.02	2658.33	3045.00	3045.00	100%-coal and fire wood	80.00	3455.83	3535.83	no data	0.87	0.18	14.61	19.43
PS Branislav Nusić Srpovac	136	110	43.00	886.17	2016.67	2172.50	2172.50	100%-coal and fire wood	107.50	2621.67	2729.17	no data	0.67	0.32	14.83	20.07
PS Kandarode Gorjii Matejevac - main school	1191	1056	0.00	690.11	19360.00	156179.60	156179.60	100%-fuel oil	0.00	23232.00	23232.00	no data	5.42	0.00	16.26	19.51
PS Kandarode Gorjii Matejevac - sports hall	355	355	171.00	1469.78	6508.33	no data	no data	100%-fuel oil	427.50	7810.00	8237.50	no data	1.91	0.48	18.33	23.20
PS Kandarode Gorjii Matejevac - library, preschool, kitchen	240	240	89.00	1095.50	4400.00	6456.67	6456.67	100%-coal and fire wood	222.50	5720.00	5942.50	no data	1.46	0.37	18.33	24.76
PS Kandarode Donji Matejevac	262	240	519.00	3056.51	4400.00	no data	no data	100%-fuel oil	1297.50	5280.00	6577.50	no data	1.51	1.98	16.79	25.10
PS Kandarode Knez sabo	262	240	206.00	1629.32	4400.00	no data	no data	100%-coal and fire wood	515.00	5720.00	6235.00	no data	1.52	0.79	16.79	23.80
PS Milan Rakić Međoševac	1572	1532	3193.00	21888.55	28086.67	no data	no data	100%-coal	7982.50	36512.67	44495.17	no data	10.68	2.03	17.87	28.30
PS Milan Rakić Popovac	1196	988	410.00	8423.80	18113.33	no data	no data	100%-coal	1025.00	23547.33	24572.33	2	6.01	0.34	15.14	20.55
PS Vojslav Ilić Mladi Hum	1075	931	1185.00	5707.02	17068.33	107700.00	107700.00	100%-fuel oil	2962.50	20482.00	23444.50	no data	5.41	1.10	15.88	21.81
PS Vojslav Ilić Mladi Komren	128	65	no data	no data	1191.67	2083.33	2083.33	100%-lignite, fire wood	no data	1549.17	no data	no data	no data	no data	9.31	no data
PS Vojslav Ilić Mladi Rujnik	202	74	0.00	0.00	1356.67	1666.67	1666.67	100%-lignite, fire wood	0.00	1763.67	1763.67	no data	0.43	0.00	6.72	8.73
PS Vojslav Ilić Mladi Leskovik	74	47	no data	no data	861.67	1750.00	1750.00	100%-lignite, fire wood	no data	1120.17	no data	no data	no data	no data	11.64	no data
PS Jovan Ivanović Zmaj Oreovac	214	120	0.00	312.64	2200.00	5833.33	5833.33	100%-lignite, fire wood	0.00	2860.00	2860.00	no data	0.70	0.00	10.28	13.36
PS Jovan Ivanović Zmaj Maika	1320	600	462.00	3546.19	11000.00	30000.00	30000.00	98%-coal, 2%-energy wood	1155.00	14300.00	15455.00	no data	3.76	0.35	8.33	11.71
PS Jovan Ivanović Zmaj Vreba	140	95	2.00	321.64	1741.67	4166.67	4166.67	100%-lignite	5.00	2264.17	2269.17	no data	0.56	0.01	12.44	16.21
PS Jovan Ivanović Zmaj Paspajica	197	95	0.00	312.64	1741.67	4166.67	4166.67	100%-lignite	0.00	2264.17	2264.17	no data	0.56	0.00	8.84	11.49
PS Branko Mijlković Savi Do	250	250	9.00	731.00	4583.33	7641.00	7641.00	100%-coal and fire wood	22.50	5958.33	5980.83	2	1.47	0.04	18.33	23.92
PS Branko Radčević Vakmanovo	163	163	294.00	895.00	2988.33	5390.67	5390.67	100%-coal and fire wood	735.00	3884.83	4619.83	no data	1.11	1.80	18.33	28.34
PS Branko Radčević Berbatovo	300	120	98.00	1829.00	2200.00	2060.58	2060.58	100%-coal and fire wood	245.00	2860.00	3105.00	no data	0.76	0.33	7.33	10.35
PS Branko Radčević Gubrovac	1057	1057	436.00	4418.00	19378.33	67328.67	67328.67	100%-fuel oil	1090.00	23254.00	24344.00	0	5.66	0.41	18.33	23.03
PS Desanka Maksimović Donje Medurovo	200	200	186.00	1538.00	3666.67	6574.00	6574.00	100%-fuel oil and propane-butane	465.00	4766.67	5231.67	11	1.27	0.93	18.33	26.16
PS Desanka Maksimović Čokot	1400	1400	460.00	3076.00	25666.67	197158.20	197158.20	100%-coal and fire wood	1150.00	30800.00	31950.00	29	7.43	0.33	18.33	22.82
PS Desanka Maksimović Krusce	200	200	46.00	899.00	3666.67	6574.00	6574.00	100%-coal and fire wood	115.00	4766.67	4881.67	no data	1.20	0.23	18.33	24.41
PS Desanka Maksimović Gorjje Medurovo	200	200	no data	no data	3666.67	4895.00	4895.00	100%-coal and fire wood	no data	4766.67	no data	15	no data	no data	18.33	no data
PS Desanka Maksimović Novo Selo	640	640	919.00	5435.00	11733.33	20848.00	20848.00	100%-coal and fire wood	2297.50	15253.33	17500.83	no data	4.24	1.44	18.33	27.42
PS Desanka Maksimović Miranor	150	150	no data	no data	2750.00	4045.00	4045.00	100%-lignite, fire wood	no data	3575.00	no data	no data	no data	no data	18.33	no data
PS Desanka Maksimović Miranorski potok	200	120	97.00	2309.00	2200.00	4324.00	4324.00	100%-lignite, fire wood	242.50	2860.00	3102.50	no data	0.76	0.49	11.00	15.51
PS Desanka Maksimović Bujan village	70	70	0.00	0.00	1283.33	3324.33	3324.33	100%-lignite, fire wood	0.00	1668.33	1668.33	no data	0.41	0.00	18.33	23.83
PS Desanka Maksimović Lalinac	200	200	121.00	1241.00	3666.67	6574.00	6574.00	100%-lignite, fire wood	302.50	4766.67	5069.17	no data	1.24	0.61	18.33	25.35
PS Dušan Tasković Sredko Ostrova village	576	400	45.00	517.82	7333.33	118560.00	118560.00	100%-lignite, fire wood	112.50	9533.33	9645.83	no data	2.37	0.08	12.73	16.75
PS Dušan Tasković Sredko Ostrova	100	60	no data	690.11	1100.00	58440.00	58440.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	11.00	no data

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PS Dušan Tasković Srećko	1052	637	737.00	4932.74	11678.33	168600.00	168600.00	100%-lignite, fire wood	1842.50	15181.83	17024.33	no data	4.13	0.70	11.10	16.18
PS Dara Jakšić Prosek	167	88	276.00	1744.70	1613.33	55620.00	55620.00	100%-lignite, fire wood	690.00	2097.33	2787.33	no data	0.66	1.65	9.66	16.69
PS Dara Jakšić Iehšnea	750	595	307.00	2089.89	10908.33	253560.00	253560.00	100%-cool and fire wood	767.50	14180.83	14948.33	25	3.65	0.41	14.54	19.93
PS Dara Jakšić Donja Studena	563	250	117.00	1223.58	4583.33	85240.00	85240.00	100%-cool and fire wood	292.50	5958.33	6250.83	25	1.53	0.21	8.14	11.10
PS Dara Jakšić Čukljanić	106	57	0.00	1744.70	1045.00	29220.00	29220.00	100%-lignite, fire wood	0.00	1358.50	1358.50	no data	0.33	0.00	9.86	12.82
PS Dara Jakšić Iehšnea	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
PS Dara Jakšić Rehbetors	no data	no data	no data	288.19	no data	no data	no data	100%-cool and fire wood	no data	no data	no data	no data	no data	no data	no data	no data
PS Ivo Andrić Čamurlija	240	240	115.00	1140.85	4400.00	35309.00	35309.00	90%-fuel oil, 10%-el-energy	287.50	5280.00	5567.50	no data	1.29	0.48	18.33	23.20
PS Lela Popović Krvilje	405	60	no data	no data	1100.00	21360.00	21360.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	2.72	no data
PS Lela Popović Mijkovac	624	624	333.00	3887.00	11440.00	95160.00	95160.00	100%-cool and fire wood	832.50	14872.00	15704.50	15	3.84	0.53	18.33	25.17
PS Lela Popović Paigrance	316	66	no data	312.64	1210.00	21360.00	21360.00	100%-lignite, fire wood	no data	1573.00	no data	no data	no data	no data	3.83	no data
PS Lela Popović Paljina	72	42	no data	312.64	770.00	no data	no data	100%-lignite, fire wood	no data	1001.00	no data	no data	no data	no data	10.69	no data
PS Lela Popović Velepogle	402	116	no data	312.64	2126.67	27540.00	27540.00	100%-lignite, fire wood	no data	2764.67	no data	no data	no data	no data	5.29	no data
PS Prvi Maj Vrište	180	160	0.00	69.11	2933.33	86400.00	86400.00	100%-cool and fire wood	0.00	3813.33	3813.33	6	0.94	0.00	16.30	21.19
PS Prvi Maj Trupale	1800	1519	2340.00	36019.13	27848.33	159460.00	159460.00	100%-fuel oil	5850.00	33418.00	39268.00	53	9.04	1.30	15.47	21.82
PS Stevan Stadičić Breznica	328	154	no data	no data	2823.33	no data	no data	100%-coal	no data	3670.33	no data	no data	no data	no data	8.61	no data
PS Stevan Stadičić Cerje	295	108	no data	no data	1980.00	no data	no data	100%-coal	no data	2574.00	no data	no data	no data	no data	6.71	no data
PS Čegar Gorjan Vrežina	532	532	142.00	1337.57	9753.33	56950.00	56950.00	100%-fuel oil	355.00	11704.00	12059.00	14	2.81	0.27	18.33	22.67
PS Čegar Jasenovik	116	116	142.00	1337.57	2126.67	35000.00	35000.00	100%-cool and fire wood	355.00	2764.67	3119.67	no data	0.76	1.22	18.33	26.89
PS Ivan Goran Kovačić Prva Kutina	380	177	1971.00	11399.00	3245.00	40536.00	40536.00	90%-lignite, 10%-el-energy	4927.50	4218.50	9146.00	20	2.08	5.19	8.54	24.07
PS Ivan Goran Kovačić Nikola Tesla	450	400	204.00	1620.00	7333.33	106955.00	106955.00	98%-coal, 2%-el-energy	510.00	9533.33	10043.33	5	2.45	0.45	16.30	22.32
PS Ivan Goran Kovačić Brza Brod	2500	2500	640.00	11517.00	45883.33	43066.67	43066.67	96%-coal, 4%-el-energy	1600.00	59583.33	61183.33	32	15.01	0.26	18.33	24.47
Electro-technical school Mjani Štampravo	3250	3250	2040.00	23223.36	59583.33	no data	no data	100%-el-energy	5100.00	0.00	5100.00	30	32.66	0.63	18.33	1.57
Gimnazium Stevan Stezac	2588	2588	624.50	4552.03	47446.67	196827.57	196827.57	100%-district heating	1561.25	85404.00	86965.25	65	15.99	0.24	18.33	33.60
Gimnazium Bora Stanković	2588	2588	624.50	4552.03	47446.67	196827.57	196827.57	100%-district heating	1561.25	85404.00	86965.25	65	15.99	0.24	18.33	33.60
Gimnazium 9. maj	2389	2297	871.00	8027.49	42111.67	181697.45	181697.45	100%-district heating	2177.50	75801.00	77978.50	178	14.36	0.36	17.63	32.64
Construction school Neimar	2439	2439	no data	no data	44715.00	no data	no data	100%-district heating	no data	80487.00	no data	no data	no data	no data	18.33	no data
Neimar - polygon	1200	1200	no data	1543.15	22000.00	27764.67	27764.67	80%-coal, 20%-el-energy	no data	28600.00	no data	99	no data	no data	18.33	no data
Medical school dr. Milenko Hadžić	2615	2615	no data	37364.20	47941.67	271854.40	271854.40	100%-fuel oil	no data	57530.00	no data	no data	no data	no data	18.33	no data
Musical school	1195	1195	570.00	3790.58	21908.33	91027.05	91027.05	100%-district heating	1425.00	39435.00	40860.00	56	7.53	0.48	18.33	34.19
Legal birotechnical school	2592	2592	no data	18460.07	47520.00	213085.31	213085.31	95%-fuel oil, 5%-el-energy	no data	57024.00	no data	no data	no data	no data	18.33	no data

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Chemical and food technological school	1650	1576	5089.00	43201.00	28893.33	116128.00	100%-district heating	12722.50	52008.00	64730.50	142	12.23	3.08	17.51	39.23
Gimnazium Svetozar Marković	2663	2273	4487.00	18569.00	41671.67	171046.00	100%-district heating	11217.50	75009.00	86226.50	23	16.13	1.68	15.65	32.38
School of fashion and beauty-main	983	763	1140.00	15963.00	13988.33	57448.50	95%-district heating, 5%-eEnergy	2850.00	25179.00	28029.00	148	5.22	1.16	14.23	28.51
School of fashion and beauty 2	682	520	140.00	6181.00	9533.33	no data	100%-eEnergy	350.00	0.00	350.00	1	5.13	0.21	13.98	0.51
Technical school 12. februar	3041	3041	5060.00	41728.00	55751.67	no data	100%-district heating	12650.00	100353.00	113003.00	368	21.08	1.66	18.33	37.16
Art school	2635	2539	960.00	17274.50	46548.33	193043.51	100%-district heating	2400.00	83787.00	86187.00	126	15.87	0.36	17.67	32.71
Mechanical school	3995	3995	no data	no data	73241.67	303803.76	100%-district heating	no data	131835.00	no data	45	no data	no data	18.33	no data
Electro-technical school Nikola Tesla	5226	3227	3120.00	22657.91	59161.67	332274.00	100%-district heating	7800.00	106491.00	114291.00	25	21.18	0.60	11.32	21.87
School for hospitality and tourism	3737	3737	2712.00	25354.00	68511.67	97911.55	100%-fuel oil	6780.00	82214.00	88994.00	236	20.62	0.73	18.33	23.81
School for economics	3737	3737	3616.00	33815.00	68511.67	113490.50	100%-fuel oil	9040.00	82214.00	91254.00	314	21.10	0.97	18.33	24.42
School for trade	3737	3737	2712.00	25354.00	68511.67	85117.83	100%-fuel oil	6780.00	82214.00	88994.00	236	20.62	0.73	18.33	23.81
Technical school 15. maj	3041	3041	5060.00	41728.00	55751.67	0.00	99%-district heating, 1%-eEnergy	12650.00	100353.00	113003.00	368	21.08	1.66	18.33	37.16

Table 8. Energy consumption in schools-august 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

ENERGY CONSUMPTION IN SCHOOLS-SEPTEMBER 2010

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary energy of electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dušan Radović	5600	4046	20320.00	121414.09	74176.67	304472.46	100%-district heating	50800.00	133518.00	184318.00	1601	35.25	3.63	13.25	32.91
PS Čeb Kula	3756	3756	2287.00	15533.63	68860.00	285628.00	100%-district heating	5717.50	123948.00	129665.50	295	23.94	0.61	18.33	34.52
PS Ćegar	3316	3316	6687.00	45626.46	60793.33	223006.25	100%-fuel oil	16717.50	72952.00	89669.50	50	20.57	2.02	18.33	27.04
PS Učitelj Tasa	4536	4536	6840.00	65655.41	83160.00	256793.63	100%-district heating	17100.00	149688.00	166788.00	495	31.07	1.51	18.33	36.77
PS Branko Miljković - main school	3983	3983	4560.00	31079.00	73021.67	78157.83	50%-district heating, 50%-fuel oil	11400.00	109532.50	120932.50	311	24.69	1.14	18.33	30.36
PS Buhajski Heroci	2822	2822	5533.00	32068.71	51736.67	242408.06	100%-fuel oil	13832.50	62084.00	75916.50	294	17.42	1.96	18.33	26.90
PS Buhajski Heroci Milka Proić	270	270	1034.00	5514.19	4950.00	8315.33	100%-coal	2585.00	6435.00	9020.00	0	2.13	3.83	18.33	33.41
PS Ivo Andrić Ratko Jović	2448	2448	4234.00	28717.48	44880.00	187206.07	100%-district heating	10585.00	80784.00	91369.00	355	17.05	1.73	18.33	37.32
PS Ivo Andrić Donji Končen	430	430	534.00	3544.37	7883.33	13449.70	85%-ignite, 15%-e-energy	1335.00	10248.33	11583.33	69	2.81	1.24	18.33	26.94
PS Kolašić	3588	3588	2910.00	23408.38	65780.00	183333.33	100%-fuel oil	7275.00	78936.00	86211.00	437	19.96	0.81	18.33	24.03
PS Kraji Penar I	2913	640	7780.00	80582.74	11733.33	221514.37	100%-district heating	19450.00	211200.00	40570.00	245	8.00	2.67	4.03	13.93
PS Kraji Penar I smisljasi Poljana	142	142	142.00	1337.57	2603.33	4407.50	100%-coal	355.00	3384.33	3739.33	40	0.91	1.00	18.33	26.33
PS Kraji Penar I smisljasi Poljana new school	1300	1300	947.00	3411.10	23833.33	46067.68	100%-fuel oil	2367.50	28600.00	30967.50	15	7.18	0.73	18.33	23.82
PS Miroslav Anić	2200	2200	5970.00	40722.70	40333.33	210106.27	100%-district heating	14925.00	72600.00	87525.00	224	16.47	2.71	18.33	39.78
PS Miroslav Anić Donja Vrežina	150	150	1007.00	6779.35	2750.00	9256.55	100%-district heating	2517.50	4950.00	7467.50	8	1.44	6.71	18.33	49.78
PS Stevan Sudežić	693	650	480.00	4045.37	11916.67	28333.33	100%-fuel oil	1200.00	14300.00	15500.00	no data	3.59	0.69	17.20	22.37
PS Sveti Sava	7400	6876	9180.00	70039.08	120600.00	522893.03	100%-district heating	22950.00	226908.00	249858.00	1045	46.47	1.24	17.04	33.76
PS Radoje Domanović	7221	4199	6525.00	64393.00	76981.67	323459.21	100%-district heating	16312.50	138567.00	154879.50	239	28.86	0.90	10.66	21.45
Special school I 4. oktobar	2495	2495	2753.00	16518.21	45741.67	522025.00	100%-fuel oil	6882.50	54890.00	61772.50	263	14.27	1.10	18.33	24.76
PS Car Konstantin	4336	4336	4908.00	36252.85	79493.33	329734.68	100%-district heating	12270.00	143088.00	155358.00	573	28.83	1.13	18.33	35.83
PS Ratko Vukčević	4000	3925	7720.00	54714.24	71958.33	298529.96	100%-district heating	19300.00	129525.00	148825.00	614	27.84	1.93	17.99	37.21
PS Stefan Nemanja	3082	3082	3580.00	24376.00	56503.33	346239.60	100%-fuel oil	8950.00	67804.00	76754.00	173	17.72	1.16	18.33	24.90
PS Vuk Karadžić	2145	2145	24246.60	14674.52	39325.00	206592.04	100%-district heating	60616.50	70785.00	131401.50	319	25.83	11.30	18.33	61.26
PS Streten Mladenović Mika	2524	1943	1600.00	10835.04	35621.67	147762.68	100%-district heating	4000.00	64119.00	68119.00	97	12.60	0.63	14.11	26.99
PS Vožd Karadonđe	3276	3276	5360.00	32527.00	60060.00	249126.69	100%-district heating	13400.00	108108.00	121508.00	183	22.66	1.64	18.33	37.09
Special school Bubanj	4200	4200	7520.00	54836.30	77000.00	647383.84	100%-fuel oil	18800.00	92400.00	111200.00	46	25.55	1.79	18.33	26.48
PS Ivan Goran Kovačić Niška Banja	2530	2530	3418.00	23161.00	46383.33	149500.00	98%-fuel oil, 2%-e-energy	8545.00	55660.00	64205.00	207	14.80	1.35	18.33	25.38
PS Branislav Nušić Donja Trnava	1385	1100	649.00	10532.79	20166.67	65577.50	100%-fuel oil	1622.50	24200.00	25822.50	0	5.99	0.47	14.56	18.64
PS Branislav Nušić Gornja Toponica	182	145	134.00	923.62	2658.33	3045.00	100%-coal and fire wood	335.00	3455.83	3790.83	5	0.92	0.74	14.61	20.83
PS Branislav Nušić Gornja Trnava	122	70	68.00	622.69	1283.33	2172.50	100%-coal and fire wood	170.00	1668.33	1838.33	no data	0.45	0.56	10.52	15.07
PS Branislav Nušić Sečanica	181	140	609.00	4341.63	2566.67	3045.00	100%-coal and fire wood	1522.50	3336.67	4859.17	no data	1.14	3.36	14.18	26.85

Table 9. Energy consumption in schools-september 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary energy of electrical-energy consumption [kWh]	Monthly primary energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Branislav Nisikič Mezganja	182	145	80.00	1054.87	2658.33	3045.00	100%-coal and fire wood	200.00	3455.83	3655.83	no data	0.89	0.44	14.61	20.09
PS Branislav Nisikič Supovac	136	110	100.00	1146.06	2016.67	2172.50	100%-coal and fire wood	250.00	2621.67	2871.67	no data	0.70	0.74	14.83	21.12
PS Karadorđe Gorići Matejevac - main school	1191	1056	4460.00	3250.29	19560.00	156179.60	100%-fuel oil	1150.00	23232.00	24382.00	no data	5.66	0.39	16.26	20.47
PS Karadorđe Gorići Matejevac - sports hall	355	355	223.00	1706.88	6508.33	no data	100%-fuel oil	557.50	7810.00	8367.50	no data	1.94	0.63	18.33	23.57
PS Karadorđe Gorići Matejevac - library, preschool, kitchen	240	240	124.00	1255.50	4400.00	6456.67	100%-coal and fire wood	310.00	5720.00	6030.00	no data	1.47	0.52	18.33	25.13
PS Karadorđe Doinji Matejevac	262	240	0.00	690.11	4400.00	no data	100%-fuel oil	0.00	5280.00	5280.00	no data	1.23	0.00	16.79	20.15
PS Karadorđe Krcuz selo	262	240	300.00	2057.97	4400.00	no data	100%-coal and fire wood	750.00	5720.00	6470.00	no data	1.57	1.15	16.79	24.69
PS Milan Rakić Medoševac	1572	1532	4022.00	28926.17	28086.67	no data	100%-coal	10055.00	36512.67	46567.67	no data	11.12	2.56	17.87	29.62
PS Milan Rakić Popovac	1196	988	3426.00	17035.97	18113.33	no data	100%-coal	8565.00	23547.33	32112.33	18	7.61	2.86	15.14	26.85
PS Vojslav Ilić Mhadi Hum	1075	931	1216.00	6965.21	17068.33	107700.00	100%-fuel oil	3040.00	20482.00	23522.00	no data	5.42	1.13	15.88	21.88
PS Vojslav Ilić Mhadi Komnen	128	65	no data	no data	1191.67	2083.33	100%-lignite, fire wood	no data	1549.17	no data	no data	no data	no data	9.31	no data
PS Vojslav Ilić Mhadi Rujnik	202	74	0.00	0.00	1356.67	1666.67	100%-lignite, fire wood	0.00	1763.67	1763.67	no data	0.43	0.00	6.72	8.73
PS Vojslav Ilić Mhadi Leskovik	74	47	no data	no data	861.67	1750.00	100%-lignite, fire wood	no data	1120.17	no data	no data	no data	no data	11.64	no data
PS Jovan Jovanović Zmaj Orotovac	214	120	2.00	321.71	2200.00	5833.33	100%-lignite, fire wood	5.00	2860.00	2865.00	no data	0.71	0.01	10.28	13.39
PS Jovan Jovanović Zmaj Malača	1320	600	756.00	5231.21	11000.00	30000.00	98%-coal, 2%-eleenergy	1890.00	14300.00	16190.00	no data	3.92	0.57	8.33	12.27
PS Jovan Jovanović Zmaj Vrebo	140	95	25.00	426.63	1741.67	4166.67	100%-lignite	62.50	2264.17	2326.67	no data	0.57	0.18	12.44	16.62
PS Jovan Jovanović Zmaj Pasišća	197	95	10.00	358.21	1741.67	4166.67	100%-lignite	25.00	2264.17	2289.17	no data	0.56	0.05	8.84	11.62
PS Branko Radčević Sivi Do	250	250	65.00	986.00	4583.33	7641.00	100%-coal and fire wood	162.50	5988.33	6120.83	12	1.50	0.26	18.33	24.48
PS Branko Radčević Vikramnovo	163	163	119.00	991.00	2988.33	5590.67	100%-coal and fire wood	297.50	3884.83	4182.33	no data	1.02	0.73	18.33	25.66
PS Branko Radčević Berbatovo	300	120	102.00	931.00	2200.00	2060.58	100%-coal and fire wood	255.00	2860.00	3115.00	no data	0.76	0.34	7.33	10.38
PS Branko Radčević Gabrovac	1057	1057	1493.00	9995.00	19378.33	67528.67	100%-fuel oil	3732.50	23254.00	26986.50	0	6.22	1.41	18.33	25.53
PS Desanka Maksimović Medurovo	200	200	571.00	3717.00	3666.67	6574.00	100%-coal	1427.50	4766.67	6194.17	16	1.48	2.86	18.33	30.97
PS Desanka Maksimović Krašće	1400	1400	200.00	1381.200	25666.67	197158.20	100%-fuel oil and propane-butane	500.00	30800.00	31300.00	58	7.29	0.14	18.33	22.36
PS Desanka Maksimović Gornje Medurovo	200	200	129.00	1278.00	3666.67	6574.00	100%-coal and fire wood	322.50	4766.67	5089.17	no data	1.24	0.65	18.33	25.45
PS Desanka Maksimović Novo Selo	640	640	2355.00	15998.00	11733.33	20848.00	100%-coal and fire wood	5887.50	15253.33	21140.83	no data	5.00	3.68	18.33	33.03
PS Desanka Maksimović Miranovi	150	150	no data	no data	2750.00	4045.00	100%-lignite, fire wood	no data	3575.00	no data	no data	no data	no data	18.33	no data
PS Desanka Maksimović Mironovski potok	200	120	93.00	2950.00	2200.00	4524.00	100%-lignite, fire wood	252.50	2860.00	3092.50	no data	0.75	0.47	11.00	15.46
PS Desanka Maksimović Babunji village	70	70	195.00	1201.00	1283.33	3324.33	100%-lignite, fire wood	487.50	1668.33	2155.83	6	0.51	2.79	18.33	30.80
PS Desanka Maksimović Lulince	200	200	no data	no data	3666.67	6574.00	100%-lignite, fire wood	no data	4766.67	no data	2	no data	no data	18.33	no data
PS Dušan Tasković Srečko Ostrova vilage	576	400	151.00	1001.12	7333.33	118560.00	100%-lignite, fire wood	377.50	9533.33	9910.83	no data	2.43	0.26	12.73	17.21
PS Dušan Tasković Srečko Ostrova	100	60	no data	690.11	1100.00	58440.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	11.00	no data

Table 9. Energy consumption in schools-september 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary energy of electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Džsan Tasković Stečko	1052	637	356.00	2313.30	11678.33	168600.00	100%-lignite, fire wood	890.00	15181.83	16071.83	no data	3.93	0.34	11.10	15.28
PS Dura Jakšić Prosek	167	88	592.00	3657.42	1613.33	55620.00	100%-lignite, fire wood	1480.00	2097.33	3577.33	no data	0.83	3.54	9.66	21.42
PS Dura Jakšić Jelašnica	750	595	950.00	6003.72	10908.33	253560.00	100%-cool and fire wood	2375.00	14180.83	16555.83	107	3.99	1.27	14.54	22.07
PS Dura Jakšić Dorija Studena	563	250	184.00	1529.07	4583.33	85240.00	100%-cool and fire wood	460.00	5958.33	6418.33	11	1.56	0.33	8.14	11.40
PS Dura Jakšić Čučljenik	106	57	254.00	3675.42	1045.00	29220.00	100%-lignite, fire wood	635.00	1388.50	1993.50	no data	0.47	2.40	9.86	18.81
PS Dura Jakšić Jelašnica	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
PS Dura Jakšić Refektoris	no data	no data	no data	288.19	no data	no data	100%-cool and fire wood	no data	no data	no data	no data	no data	no data	no data	no data
PS Ivo Andrić Čamurija	240	240	176.00	1423.54	4400.00	35309.00	90%-fuel oil, 10%-energy	440.00	5280.00	5720.00	no data	1.33	0.73	18.33	23.83
PS Lela Popović Kralje	405	60	no data	no data	1100.00	21360.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	2.72	no data
PS Lela Popović Mijkovac	624	624	641.00	5091.81	11440.00	95160.00	100%-cool and fire wood	1602.50	14872.00	16474.50	10	4.00	1.03	18.33	26.40
PS Lela Popović Paligence	316	66	no data	312.64	1210.00	21360.00	100%-lignite, fire wood	no data	1573.00	no data	no data	no data	no data	3.83	no data
PS Lela Popović Paljina	72	42	no data	312.64	770.00	no data	100%-lignite, fire wood	no data	1001.00	no data	no data	no data	no data	10.69	no data
PS Lela Popović Vekopolje	402	116	no data	312.64	2126.67	27540.00	100%-lignite, fire wood	no data	2764.67	no data	no data	no data	no data	5.29	no data
PS Prvi Maj Vrtište	180	160	71.00	817.78	2933.33	86400.00	100%-cool and fire wood	177.50	3813.33	3990.83	19	0.98	0.39	16.30	22.17
PS Prvi Maj Trnopolje	1800	1519	2120.00	34901.82	27848.33	159460.00	100%-fuel oil	5300.00	33418.00	38718.00	127	8.92	1.18	15.47	21.51
PS Stevan Srdeljk Brenca	328	154	no data	no data	2823.33	no data	100%-coal	no data	3670.33	no data	no data	no data	no data	8.61	no data
PS Stevan Srdeljk Cerje	295	108	no data	no data	1980.00	no data	100%-coal	no data	2574.00	no data	no data	no data	no data	6.71	no data
PS Čegar Gorinja Vrežna	532	532	220.00	1315.74	9753.33	56950.00	100%-fuel oil	530.00	11704.00	12254.00	12	2.85	0.41	18.33	23.03
PS Čegar Jasenovik	116	116	19.00	399.28	2126.67	35000.00	100%-cool and fire wood	47.50	2764.67	2812.17	no data	0.69	0.16	18.33	24.24
PS Ivan Goran Kovačić Prva Kućina	380	177	794.00	4954.00	3245.00	40536.00	90%-lignite, 10%-energy	1985.00	4218.50	6203.50	17	1.46	2.09	8.54	16.33
PS Ivan Goran Kovačić Nikola Teska	450	400	488.00	3230.00	7333.33	106955.00	98%-cool, 2%-energy	1220.00	9533.33	10753.33	14	2.61	1.08	16.30	23.90
PS Ivan Goran Kovačić Brzi Brod	2500	2500	2480.00	22420.00	45833.33	43066.67	96%-cool, 4%-energy	6200.00	59583.33	65783.33	47	15.98	0.99	18.33	26.31
Electro-technical school Mija Štamurović	3250	3250	8640.00	61912.49	59883.33	no data	100%-energy	21600.00	0.00	21600.00	200	36.16	2.66	18.33	6.65
Gimnazium Stevan Sremac	2588	2588	3446.00	23480.86	47446.67	196827.57	100%-district heating	8615.00	85404.00	94019.00	122	17.48	1.33	18.33	36.33
Gimnazium Boza Stanković	2588	2588	3446.00	23480.86	47446.67	196827.57	100%-district heating	8615.00	85404.00	94019.00	122	17.48	1.33	18.33	36.33
Gimnazium 9. maj	2389	2297	2761.00	22057.23	42111.67	181697.45	100%-district heating	6902.50	75801.00	82703.50	313	15.36	1.16	17.63	34.62
Construction school Neimar	2439	2439	no data	no data	44715.00	no data	100%-district heating	no data	80487.00	no data	no data	no data	no data	18.33	no data
Neimar - polygon	1200	1200	370.00	3406.50	22000.00	27764.67	80%-cool, 20%-energy	925.00	28600.00	29525.00	52	7.24	0.31	18.33	24.60
Medical school dr. Milenko Hadžić	2615	2615	no data	38477.42	47941.67	271854.40	100%-fuel oil	no data	57530.00	no data	no data	no data	no data	18.33	no data
Musical school	1195	1195	1770.00	11997.72	21908.33	91027.05	100%-district heating	4425.00	39435.00	43860.00	83	8.17	1.48	18.33	36.70
Legal birotechnical school	2592	2592	no data	8311.90	47520.00	213085.31	95%-fuel oil, 5%-energy	no data	57024.00	no data	no data	no data	no data	18.33	no data

Table 9. Energy consumption in schools-september 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Monthly primary energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
Chemical and food technological school	1650	1576	2221.00	27827.00	28893.33	116128.00	100%-district heating	5552.50	52008.00	57560.50	57560.50	53	10.71	1.35	17.51	34.89
Gimnazium Svetozar Marković	2663	2273	9368.00	41171.00	41671.67	171046.00	100%-district heating	23420.00	75009.00	98429.00	98429.00	83	18.72	3.52	15.65	36.96
School of fashion and beauty-main	983	763	4300.00	43715.00	13988.33	57448.50	95%-district heating, 5%-el-energy	10750.00	25179.00	35929.00	35929.00	101	6.90	4.37	14.23	36.55
School of fashion and beauty 2	682	520	1640.00	23448.00	9533.33	no data	100%-el-energy	4100.00	0.00	4100.00	4100.00	0	5.92	2.40	13.98	6.01
Technical school 12. februar	3041	3041	8520.00	74080.00	55751.67	no data	100%-district heating	21300.00	100353.00	121653.00	121653.00	650	22.91	2.80	18.33	40.00
Art school	2635	2539	4800.00	60318.39	46548.33	193043.51	100%-district heating	12000.00	83787.00	95787.00	95787.00	184	17.90	1.82	17.67	36.35
Mechanical school	3995	3995	no data	no data	73241.67	303803.76	100%-district heating	no data	131835.00	no data	no data	67	no data	no data	18.33	no data
Electro-technical school Nikola Tesla	5226	3227	5600.00	40810.21	59161.67	332274.00	100%-district heating	14000.00	106491.00	120491.00	120491.00	113	22.49	1.07	11.32	23.06
School for hospitality and tourism	3737	3737	4560.00	34388.00	68511.67	97911.55	100%-fuel oil	11400.00	82214.00	93614.00	93614.00	283	21.60	1.22	18.33	25.05
School for economics	3737	3737	6080.00	45851.00	68511.67	113490.50	100%-fuel oil	15200.00	82214.00	97414.00	97414.00	376	22.41	1.63	18.33	26.07
School for trade	3737	3737	4560.00	34388.00	68511.67	85117.83	100%-fuel oil	11400.00	82214.00	93614.00	93614.00	283	21.60	1.22	18.33	25.05
Technical school 15. maj	3041	3041	8520.00	74080.00	55751.67	0.00	99%-district heating, 1%-el-energy	21300.00	100353.00	121653.00	121653.00	650	22.91	2.80	18.33	40.00

Table 9. Energy consumption in schools-september 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

ENERGY CONSUMPTION IN SCHOOLS-OCTOBER 2010

Schools	Total school area [m ²]	Heating school area [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [KSD]	Monthly electrical-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Monthly heat-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly primary energy of electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dušan Radović	5600	4046	26020.00	147069.24	74176.67	304472.46	304472.46	100%-district heating	65050.00	133518.00	100%-district heating	65050.00	133518.00	198568.00	1236	38.27	4.65	13.25	35.46
PS Čele Kula	3756	3756	4468.00	30422.75	68860.00	285628.00	285628.00	100%-district heating	11170.00	123948.00	100%-district heating	11170.00	123948.00	135118.00	319	25.09	1.19	18.33	35.97
PS Čegar	3316	3316	0.00	690.11	60793.33	223006.25	223006.25	100%-fuel oil	0.00	72952.00	100%-fuel oil	0.00	72952.00	72952.00	0	17.02	0.00	18.33	22.00
PS Učitelj Tasa	4536	4536	7420.00	67501.69	83160.00	256793.63	256793.63	100%-district heating	18550.00	149688.00	100%-district heating	18550.00	149688.00	168238.00	632	31.38	1.64	18.33	37.09
PS Branko Mijlković - main school	3983	3983	8040.00	54852.00	73021.67	78157.83	78157.83	50%-district heating, 50%-fuel oil	20100.00	109532.50	100%-district heating, 50%-fuel oil	20100.00	109532.50	129632.50	345	26.53	2.02	18.33	32.55
PS Bubanjaski Heroji	2822	2822	8481.00	49087.70	51756.67	242408.06	242408.06	100%-fuel oil	21202.50	62084.00	100%-fuel oil	21202.50	62084.00	83286.50	544	18.98	3.01	18.33	29.51
PS Bubanjaski Heroji Milka Protić	270	270	3393.00	19277.76	4950.00	8315.33	8315.33	100%-coal	8482.50	6435.00	100%-coal	8482.50	6435.00	14917.50	45	3.38	12.57	18.33	55.25
PS Ivo Andre Ranko Jović	2448	2448	6717.00	45938.78	44880.00	187206.07	187206.07	100%-district heating	16792.50	80784.00	100%-district heating	16792.50	80784.00	97576.50	510	18.37	2.74	18.33	39.86
PS Ivo Andre DomijKonreen	430	430	1761.00	11908.81	7883.33	13449.70	13449.70	85%-ignite, 15%-el-energy	4402.50	10248.33	100%-ignite, 15%-el-energy	4402.50	10248.33	14650.83	40	3.46	4.10	18.33	34.07
PS Kole Rašić	3588	3588	2370.00	24520.27	65780.00	183333.33	183333.33	100%-fuel oil	5925.00	78936.00	100%-fuel oil	5925.00	78936.00	84861.00	350	19.67	0.66	18.33	23.65
PS Kralj Petar I	2913	640	10400.00	101540.83	11733.33	221514.37	221514.37	100%-district heating	26000.00	21120.00	100%-district heating	26000.00	21120.00	47120.00	285	9.38	3.57	4.03	16.18
PS Kralj Petar I small Pasi Poljana school	142	142	543.00	3578.57	2603.33	4407.50	4407.50	100%-coal	1357.50	3384.33	100%-coal	1357.50	3384.33	4741.83	40	1.12	3.82	18.33	33.39
PS Kralj Petar Pasi Poljana new school	1300	1300	1535.00	4730.09	23833.33	46067.68	46067.68	100%-fuel oil	3837.50	28600.00	100%-fuel oil	3837.50	28600.00	32437.50	42	7.49	1.18	18.33	24.95
PS Miroslav Antić	2200	2200	10410.00	71061.75	40333.33	210106.27	210106.27	100%-district heating	26025.00	72600.00	100%-district heating	26025.00	72600.00	98625.00	236	18.83	4.73	18.33	44.83
PS Miroslav Antić Dorjia Vrežina	150	150	1351.00	9104.70	2750.00	9256.55	9256.55	100%-district heating	3377.50	4950.00	100%-district heating	3377.50	4950.00	8327.50	11	1.62	9.01	18.33	55.52
PS Stevan Štadek	693	650	720.00	5788.42	11916.67	28333.33	28333.33	100%-fuel oil	1800.00	14300.00	100%-fuel oil	1800.00	14300.00	16100.00	no data	3.72	1.04	17.20	23.23
PS Sveti Sava	7400	6876	13200.00	96772.58	126060.00	522893.03	522893.03	100%-district heating	33000.00	226908.00	100%-district heating	33000.00	226908.00	259908.00	1422	48.60	1.78	17.04	35.12
PS Radoje Domanović	7221	4199	10170.00	98880.09	76981.67	323459.21	323459.21	100%-district heating	25425.00	138567.00	100%-district heating	25425.00	138567.00	163992.00	276	30.79	1.41	10.66	22.71
Special school 14. oktobar	2495	2495	5012.00	17169.51	45741.67	522025.00	522025.00	100%-fuel oil	12530.00	54890.00	100%-fuel oil	12530.00	54890.00	67420.00	196	15.46	2.01	18.33	27.02
PS Car Konstantin	4336	4336	6707.00	47946.04	79493.33	329734.68	329734.68	100%-district heating	16767.50	143088.00	100%-district heating	16767.50	143088.00	159855.50	747	29.79	1.55	18.33	36.87
PS Ratko Vukčević	4000	3925	11200.00	69741.32	71958.33	298529.96	298529.96	100%-district heating	28000.00	129525.00	100%-district heating	28000.00	129525.00	157525.00	629	29.68	2.80	17.99	39.38
PS Stefan Nenanjia	3082	3082	5920.00	40535.00	56503.33	346239.60	346239.60	100%-fuel oil	14800.00	67804.00	100%-fuel oil	14800.00	67804.00	82604.00	245	18.96	1.92	18.33	26.80
PS Vuk Karadžić	2145	2145	24982.00	28490.26	39325.00	206592.04	206592.04	100%-district heating	62455.00	70785.00	100%-district heating	62455.00	70785.00	133240.00	556	26.22	11.65	18.33	62.12
PS Sreten Mladenović Mika	2524	1943	6680.00	45551.23	35621.67	147762.68	147762.68	100%-district heating	16700.00	64119.00	100%-district heating	16700.00	64119.00	80819.00	211	15.30	2.65	14.11	32.02
PS Vođi Kanadorde	3276	3276	7280.00	44185.00	60060.00	249126.69	249126.69	100%-district heating	18200.00	108108.00	100%-district heating	18200.00	108108.00	126508.00	182	23.68	2.22	18.33	38.56
Special school Bubanj Banja	4200	4200	13760.00	96788.36	77000.00	647383.84	647383.84	100%-fuel oil	34400.00	92400.00	100%-fuel oil	34400.00	92400.00	126800.00	150	28.85	3.28	18.33	30.19
PS Ivan Goran Kovačić Niška Banja	2530	2530	5652.00	38385.00	46383.33	149500.00	149500.00	98%-fuel oil, 2%-el-energy	14130.00	55660.00	98%-fuel oil, 2%-el-energy	14130.00	55660.00	69790.00	151	15.98	2.23	18.33	27.58
PS Branislav Nušić Dorjia Trnava	1385	1100	807.00	14395.84	20166.67	65577.50	65577.50	100%-fuel oil	2017.50	24200.00	100%-fuel oil	2017.50	24200.00	26217.50	301	6.07	0.58	14.56	18.93
PS Branislav Nušić Gornja Toponica	182	145	86.00	704.76	2658.33	3045.00	3045.00	100%-coal and fire wood	215.00	3455.83	100%-coal and fire wood	215.00	3455.83	3670.83	11	0.90	0.47	14.61	20.17
PS Branislav Nušić Gornja Trnava	122	70	51.00	545.17	1283.33	2172.50	2172.50	100%-coal and fire wood	127.50	1668.33	100%-coal and fire wood	127.50	1668.33	1795.83	no data	0.44	0.42	10.52	14.72
PS Branislav Nušić Sčavnica	181	140	2196.00	14748.75	2566.67	3045.00	3045.00	100%-coal and fire wood	5490.00	3336.67	100%-coal and fire wood	5490.00	3336.67	8826.67	no data	1.99	12.13	14.18	48.77

Table 10. Energy consumption in schools-october 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary energy of electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Branislav Nusić Mezganja	182	145	118.00	1228.13	2658.33	3045.00	100%-coal and fire wood	295.00	3455.83	3750.83	no data	0.91	0.65	14.61	20.61
PS Branislav Nusić Supovac	136	110	554.00	3653.80	2016.67	2172.50	100%-coal and fire wood	1385.00	2621.67	4006.67	no data	0.94	4.07	14.83	29.46
PS Karadonđe Gorji Matejevac - main school	1191	1056	994.00	6663.08	19360.00	156179.60	100%-fuel oil	2485.00	23232.00	25717.00	no data	5.95	0.83	16.26	21.59
PS Karadonđe Gorji Matejevac - sports hall	355	355	293.00	2026.05	6508.33	no data	100%-fuel oil	732.50	7810.00	8542.50	no data	1.98	0.83	18.33	24.06
PS Karadonđe Gorji Matejevac - library, preschool, kitchen	240	240	1451.00	9788.63	4400.00	6456.67	100%-coal and fire wood	3627.50	5720.00	9347.50	no data	2.18	6.05	18.33	38.95
PS Karadonđe Donji Matejevac	262	240	792.00	5281.55	4400.00	no data	100%-fuel oil	1980.00	5280.00	7260.00	no data	1.65	3.02	16.79	27.71
PS Karadonđe Knež seč	262	240	429.00	2798.89	4400.00	no data	100%-coal and fire wood	1072.50	5720.00	6792.50	no data	1.64	1.64	16.79	25.93
PS Milan Rakić Medoševac	1572	1532	5784.00	39581.77	28086.67	no data	100%-coal	14460.00	36512.67	50972.67	no data	12.05	3.68	17.87	32.43
PS Milan Rakić Popovac	1196	988	5328.00	27334.19	18113.33	no data	100%-coal	13320.00	23547.33	36867.33	20	8.62	4.45	15.14	30.83
PS Vojslav Ilić Mhdi Hum	1075	931	1994.00	11707.81	17068.33	107700.00	100%-fuel oil	4985.00	20482.00	25467.00	no data	5.84	1.85	15.88	23.69
PS Vojslav Ilić Mhdi Konzen	128	65	no data	no data	1191.67	2083.33	100%-lignite, fire wood	no data	1549.17	no data	no data	no data	no data	9.31	no data
PS Vojslav Ilić Mhdi Rujnik	202	74	0.00	0.00	1356.67	1666.67	100%-lignite, fire wood	0.00	1763.67	1763.67	no data	0.43	0.00	6.72	8.73
PS Vojslav Ilić Mhdi Leskovik	74	47	no data	no data	861.67	1750.00	100%-lignite, fire wood	no data	1120.17	no data	no data	no data	no data	11.64	no data
PS Jovan Ivanović Zmaj Orovac	214	120	10.00	358.24	2200.00	5833.33	100%-lignite, fire wood	25.00	2860.00	2885.00	no data	0.71	0.05	10.28	13.48
PS Jovan Ivanović Zmaj Mašta	1320	600	2362.00	15770.31	11000.00	30000.00	98%-coal, 2%-energy wood	5905.00	14300.00	20205.00	no data	4.77	1.79	8.33	15.31
PS Jovan Ivanović Zmaj Vrebo	140	95	0.00	312.64	1741.67	4166.67	100%-lignite	0.00	2264.17	2264.17	no data	0.56	0.00	12.44	16.17
PS Jovan Ivanović Zmaj Pasjaska	197	95	16.00	385.59	1741.67	4166.67	100%-lignite	40.00	2264.17	2304.17	no data	0.57	0.08	8.84	11.70
PS Branko Mijlović Suci Do	250	250	221.00	1697.00	4583.33	7641.00	100%-coal and fire wood	552.50	5958.33	6510.83	5	1.58	0.88	18.33	26.04
PS Branko Radčević Vukmanovo	163	163	470.00	2689.00	2988.33	5590.67	100%-coal and fire wood	1175.00	3884.83	5059.83	no data	1.21	2.88	18.33	31.04
PS Branko Radčević Berbatovo	300	120	97.00	950.00	2200.00	2060.58	100%-coal and fire wood	242.50	2860.00	3102.50	no data	0.76	0.32	7.33	10.34
PS Branko Radčević Gabrovac	1057	1057	2385.00	15856.00	19378.33	67528.67	100%-fuel oil	5962.50	23254.00	29216.50	120	6.69	2.26	18.33	27.64
PS Desanka Maksimović Čokot	200	200	734.00	4939.00	3666.67	6574.00	100%-coal	1835.00	4766.67	6601.67	15	1.56	3.67	18.33	33.01
PS Desanka Maksimović Krušec	1400	1400	3650.00	25172.00	25666.67	197158.20	100%-fuel oil and propane-butane	9125.00	30800.00	39925.00	50	9.12	2.61	18.33	28.52
PS Desanka Maksimović Gomje Medurovo	200	200	378.00	2450.00	3666.67	6574.00	100%-coal and fire wood	945.00	4766.67	5711.67	no data	1.37	1.89	18.33	28.56
PS Desanka Maksimović Novo Selo	200	200	692.00	4572.00	3666.67	4895.00	100%-coal and fire wood	1730.00	4766.67	6496.67	no data	1.54	3.46	18.33	32.48
PS Desanka Maksimović Mramor	640	640	2928.00	19890.00	11733.33	20848.00	100%-coal and fire wood	7320.00	15253.33	22573.33	49	5.31	4.58	18.33	35.27
PS Desanka Maksimović Mramor	150	150	no data	no data	2750.00	4045.00	100%-lignite, fire wood	no data	3575.00	no data	no data	no data	no data	18.33	no data
PS Desanka Maksimović Mramorski protok	200	120	385.00	5138.00	2200.00	4324.00	100%-lignite, fire wood	962.50	2860.00	3822.50	no data	0.91	1.93	11.00	19.11
PS Desanka Maksimović Buhinj village	70	70	390.00	2129.00	1283.33	3324.33	100%-lignite, fire wood	975.00	1668.33	2643.33	3	0.62	5.57	18.33	37.76
PS Desanka Maksimović Lajnac	200	200	no data	no data	3666.67	6574.00	100%-lignite, fire wood	no data	4766.67	no data	13	no data	no data	18.33	no data
PS Dušan Tasković Srečko Ostrovica village	576	400	171.00	1092.31	7333.33	118560.00	100%-lignite, fire wood	427.50	9533.33	9960.83	no data	2.44	0.30	12.73	17.29
PS Dušan Tasković Srečko Ostrovica	100	60	no data	690.11	1100.00	58440.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	11.00	no data

Table 10. Energy consumption in schools-october 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dušan Tasković Srečko	1052	637	2505.00	17051.94	11678.33	168600.00	100%-lignite, fire wood	6362.50	15181.83	21444.33	no data	5.06	2.38	11.10	20.38	
PS Dura Jakšić Prosek	167	88	455.00	3652.87	1613.33	55620.00	100%-lignite, fire wood	1137.50	2097.33	3234.83	no data	0.76	2.72	9.66	19.37	
PS Dura Jakšić Lešnica	750	595	1815.00	12357.93	10908.33	253560.00	100%-coal and fire wood	4537.50	14180.83	18718.33	53	4.45	2.42	14.54	24.96	
PS Dura Jakšić Dolja Studena	563	250	269.00	1916.63	4583.33	85240.00	100%-coal and fire wood	672.50	5958.33	6630.83	10	1.61	0.48	8.14	11.78	
PS Dura Jakšić Čukljenik	106	57	203.00	3652.87	1045.00	29220.00	100%-lignite, fire wood	507.50	1388.50	1866.00	no data	0.44	1.92	9.86	17.60	
PS Dura Jakšić Lešnica	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	
PS Dura Jakšić Reflektors	no data	no data	no data	288.19	no data	no data	no data	100%-coal and fire wood	no data	no data	no data	no data	no data	no data	no data	
PS Ivo Andrić Čarunija	240	240	205.00	1719.26	4400.00	35309.00	90%-fuel oil, 10%-eenergy	512.50	5280.00	5792.50	no data	1.34	0.85	18.33	24.14	
PS Leha Popović Krvlje	405	60	no data	no data	1100.00	21360.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	2.72	no data	
PS Leha Popović Mijkovac	624	624	352.00	3212.49	11440.00	95160.00	100%-coal and fire wood	880.00	14872.00	15752.00	25	3.85	0.56	18.33	25.24	
PS Leha Popović Paligrace	316	66	no data	312.64	1210.00	21360.00	100%-lignite, fire wood	no data	1573.00	no data	no data	no data	no data	3.83	no data	
PS Leha Popović Paljina	72	42	no data	312.64	770.00	no data	no data	100%-lignite, fire wood	1001.00	no data	no data	no data	no data	10.69	no data	
PS Leha Popović Velepoltje	402	116	no data	312.64	2126.67	27540.00	100%-lignite, fire wood	no data	2764.67	no data	no data	no data	no data	5.29	no data	
PS Prvi Maj Vrište	180	160	102.00	826.90	2933.33	86400.00	100%-coal and fire wood	255.00	3813.33	4068.33	9	0.99	0.57	16.30	22.60	
PS Prvi Maj Trnopolje	1800	1519	2800.00	39940.76	27848.33	159460.00	100%-fuel oil	7000.00	33418.00	40418.00	2	9.28	1.56	15.47	22.45	
PS Stevan Srdelić Bretnica	328	154	no data	no data	2823.33	no data	no data	no data	3670.33	no data	no data	no data	no data	8.61	no data	
PS Stevan Srdelić Cerje	295	108	no data	no data	1980.00	no data	no data	no data	2574.00	no data	no data	no data	no data	6.71	no data	
PS Čegar Gornja Vrežina	532	532	207.00	1256.46	9753.33	56950.00	100%-fuel oil	517.50	11704.00	12221.50	505	2.84	0.39	18.33	22.97	
PS Čegar Jasenovik	116	116	207.00	1256.46	2126.67	35000.00	100%-coal and fire wood	517.50	2764.67	3282.17	no data	0.79	1.78	18.33	28.29	
PS Ivan Goran Kovačić Prva Kučina	380	177	2260.00	14944.00	3245.00	40536.00	90%-lignite, 10%-eenergy	5650.00	4218.50	9868.50	31	2.24	5.95	8.54	25.97	
PS Ivan Goran Kovačić Nikoib Tesla	450	400	871.00	5821.00	7333.33	106955.00	98%-coal, 2%-eenergy	2177.50	9533.33	11710.83	22	2.81	1.94	16.30	26.02	
PS Ivan Goran Kovačić Brza Brod	2500	2500	4832.00	41490.00	45833.33	43066.67	96%-coal, 4%-eenergy	12080.00	59583.33	71663.33	39	17.23	1.93	18.33	28.67	
Electro-technical school Mjija Štamprović	3250	3250	47150.00	318873.12	59583.33	no data	no data	117875.00	0.00	117875.00	405	56.57	14.51	18.33	36.27	
Gimnazium Stevan Sremac	2588	2588	4466.50	30298.49	47446.67	196827.57	100%-district heating	11166.25	85404.00	96570.25	118	18.02	1.73	18.33	37.31	
Gimnazium Bora Stanković	2588	2588	4466.50	30298.49	47446.67	196827.57	100%-district heating	11166.25	85404.00	96570.25	118	18.02	1.73	18.33	37.31	
Gimnazium 9. maj	2389	2297	6195.00	44807.85	42111.67	181697.45	100%-district heating	15487.50	75801.00	91288.50	182	17.18	2.59	17.63	38.21	
Construction school Nemanj	2439	2439	no data	no data	44715.00	no data	no data	no data	80487.00	no data	no data	no data	no data	18.33	no data	
Nemanj - polygon	1200	1200	1449.00	10763.27	22000.00	27764.67	80%-coal, 20%-eenergy	3622.50	28600.00	32222.50	58	7.81	1.21	18.33	26.85	
Medical school dr Milenko Hadžić	2615	2615	no data	38934.66	47941.67	271854.40	100%-fuel oil	no data	57530.00	no data	no data	no data	no data	18.33	no data	
Musical school	1195	1195	2880.00	19561.97	21908.33	91027.05	100%-district heating	7200.00	39435.00	46635.00	135	8.76	2.41	18.33	39.03	
Legnibrotechnical school	2592	2592	no data	16518.37	47520.00	213085.31	95%-fuel oil, 5%-eenergy	no data	57024.00	no data	no data	no data	no data	18.33	no data	

Table 10. Energy consumption in schools-october 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary electrical-energy consumption [kWh]	Monthly primary energy of heat-consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
Chemical and food technological school	1650	1576	9262.00	41667.00	28893.33	116128.00	100%-district heating	23155.00	52008.00	75163.00	219	14.44	5.61	17.51	45.55
Gimnazium Svetozar Marković	2663	2273	11237.00	46204.00	41671.67	171046.00	100%-district heating	28092.50	75009.00	103101.50	106	19.71	4.22	15.65	38.72
School of fashion and beauty-main	983	763	5820.00	61571.00	13988.33	57448.50	95%-district heating, 5%-energy	14550.00	25179.00	39729.00	218	7.70	5.92	14.23	40.42
School of fashion and beauty 2	682	520	6420.00	59009.00	9533.33	no data	100%-energy	16050.00	0.00	16050.00	0	8.46	9.41	13.98	23.53
Technical school 12. februar	3041	3041	11620.00	107485.00	55751.67	no data	100%-district heating	29050.00	100355.00	129403.00	712	24.56	3.82	18.33	42.55
Art school	2635	2539	9015.00	104857.33	46548.33	193043.51	100%-district heating	22537.50	83787.00	106324.50	165	20.14	3.42	17.67	40.35
Mechanical school	3995	3995	no data	no data	73241.67	303803.76	100%-district heating	no data	131835.00	no data	255	no data	no data	18.33	no data
Electro-technical school Nikola Tesla	5226	3227	10000.00	70730.50	59161.67	332274.00	100%-district heating	25000.00	106491.00	131491.00	119	24.82	1.91	11.32	25.16
School for hospitality and tourism	3737	3737	6708.00	50582.00	68511.67	97911.55	100%-fuel oil	16770.00	82214.00	98984.00	274	22.74	1.80	18.33	26.49
School for economics	3737	3737	8944.00	67442.00	68511.67	113490.50	100%-fuel oil	22360.00	82214.00	104574.00	365	23.92	2.39	18.33	27.98
School for trade	3737	3737	6708.00	50582.00	68511.67	85117.83	100%-fuel oil	16770.00	82214.00	98984.00	274	22.74	1.80	18.33	26.49
Technical school 15. maj	3041	3041	11620.00	107485.00	55751.67	626459.00	99%-district heating, 1%-energy	29050.00	100355.00	129403.00	712	24.56	3.82	18.33	42.55

Table 10. Energy consumption in schools-october 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

ENERGY CONSUMPTION IN SCHOOLS-NOVEMBER 2010

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary energy of electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dušan Radović	5600	4046	23820.00	142774.34	74176.67	304472.46	100%-district heating	59550.00	133518.00	193068.00	1626	37.10	4.25	13.25	34.48
PS Čeb Kula	3756	3756	4910.00	34932.77	68860.00	285628.00	100%-district heating	12275.00	123948.00	136223.00	552	25.33	1.31	18.33	36.27
PS Čegar	3316	3316	0.00	690.11	60793.33	223006.25	100%-fuel oil	0.00	72952.00	72952.00	0	17.02	0.00	18.33	22.00
PS Učitelj Tasa	4536	4536	7220.00	69548.20	83160.00	256793.63	100%-district heating	18050.00	149688.00	167738.00	682	31.27	1.59	18.33	36.98
PS Branko Mijković - man school	3983	3983	7920.00	54059.00	73021.67	78157.83	50%-district heating, 50%-fuel oil	19800.00	109532.50	129332.50	220	26.47	1.99	18.33	32.47
PS Buhajski Heroci	2822	2822	0.00	0.00	51736.67	242408.06	100%-fuel oil	0.00	62084.00	62084.00	659	14.49	0.00	18.33	22.00
PS Buhajski Heroci Mlika Probić	270	270	3802.00	21648.32	4950.00	8315.33	100%-coal	9505.00	6435.00	15940.00	15	3.60	14.08	18.33	59.04
PS Ivo Andrić Ratko Jović	2448	2448	7158.00	48847.76	44880.00	187206.07	100%-district heating	17895.00	80784.00	98679.00	219	18.60	2.92	18.33	40.31
PS Ivo Andrić Donji Komnen	430	430	2035.00	13810.13	7883.33	13449.70	85%-lignite, 15%-e-energy	5087.50	10248.33	15335.83	no data	3.60	4.73	18.33	35.66
PS Kole Pašić	3588	3588	2444.00	29525.27	65780.00	183333.33	100%-fuel oil	6110.00	78936.00	85046.00	487	19.71	0.68	18.33	23.70
PS Kralj Petar I	2913	640	10380.00	103165.39	11733.33	221514.37	100%-district heating	25950.00	21120.00	47070.00	205	9.37	3.56	4.03	16.16
PS Kralj Petar I small Pojljana	142	142	516.00	3421.27	2603.33	4407.50	100%-coal	1290.00	3384.33	4674.33	40	1.11	3.63	18.33	32.92
PS Kralj Petar I Pojljana new school	1300	1300	1500.00	4341.23	23833.33	46067.68	100%-fuel oil	3750.00	28600.00	32350.00	38	7.47	1.15	18.33	24.88
PS Miroslav Antić	2200	2200	10710.00	73113.53	40333.33	210106.27	100%-district heating	26775.00	72600.00	99375.00	88	18.99	4.87	18.33	45.17
PS Miroslav Antić Donja Vrežina	150	150	1361.00	9200.46	2750.00	9256.55	100%-district heating	3402.50	4950.00	8352.50	8	1.63	9.07	18.33	55.68
PS Stevan Sundečić	693	650	1420.00	12779.30	11916.67	28333.33	100%-fuel oil	3550.00	14300.00	17850.00	no data	4.09	2.05	17.20	25.76
PS Sveti Sava	7400	6876	12840.00	93203.80	126060.00	522893.03	100%-district heating	32100.00	226908.00	259008.00	1994	48.41	1.74	17.04	35.00
PS Radoje Domanić	7221	4199	1875.00	102512.94	76981.67	323459.21	100%-district heating	4687.50	138567.00	143254.50	184	26.40	0.26	10.66	19.84
Special school I 4.oktobar	2495	2495	1131.00	7627.43	45741.67	522025.00	100%-fuel oil	2827.50	54890.00	57717.50	173	13.41	0.45	18.33	23.13
PS Car Konstantin	4336	4336	6709.00	47513.83	79493.33	329734.68	100%-district heating	16772.50	143088.00	159860.50	778	29.79	1.55	18.33	36.87
PS Ratko Vučković	4000	3925	10240.00	82299.63	71958.33	298529.96	100%-district heating	25600.00	129525.00	155125.00	721	29.17	2.56	17.99	38.78
PS Stefan Nemanja	3082	3082	5740.00	39122.00	56503.33	346239.60	100%-fuel oil	14350.00	67804.00	82154.00	618	18.86	1.86	18.33	26.66
PS Vuk Karadžić	2145	2145	26048.90	43286.51	39325.00	206592.04	100%-district heating	65122.25	70785.00	135907.25	358	26.78	12.14	18.33	63.36
PS Stetan Mladenović Mlika	2524	1943	6080.00	41475.02	35621.67	147762.68	100%-district heating	15200.00	64119.00	79319.00	248	14.98	2.41	14.11	31.43
PS Vožd Karadorde	3276	3276	8300.00	50449.00	60060.00	249126.69	100%-district heating	20750.00	108108.00	128858.00	0	24.22	2.53	18.33	39.33
Special school Buhaj	4200	4200	14880.00	103908.29	77000.00	647383.84	100%-fuel oil	37200.00	92400.00	129600.00	126	29.45	3.54	18.33	30.86
PS Ivan Goran Kovačić Niška Banja	2530	2530	2572.00	18145.00	46383.33	149500.00	98%-fuel oil, 2%-e-energy	6430.00	55660.00	62090.00	169	14.35	1.02	18.33	24.54
PS Branišlav Nušić Donja Trnava	1385	1100	786.00	10690.11	20166.67	65577.50	100%-fuel oil	1965.00	24200.00	26165.00	125	6.06	0.57	14.56	18.89
PS Branišlav Nušić Gornja Toponica	182	145	117.00	846.11	2658.33	3045.00	100%-coal and fire wood	292.50	3455.83	3748.33	5	0.91	0.64	14.61	20.60
PS Branišlav Nušić Gornja Trnava	122	70	56.00	567.97	1283.33	2172.50	100%-coal and fire wood	140.00	1668.33	1808.33	no data	0.44	0.46	10.52	14.82
PS Branišlav Nušić Sečanica	181	140	2491.00	16821.03	2566.67	3045.00	100%-coal and fire wood	6227.50	3336.67	9564.17	no data	2.14	13.76	14.18	52.84

Table 11. Energy consumption in schools-november 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary energy of electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Branislav Nisic Mezgajia	182	145	113.00	1205.33	2658.33	3045.00	100%-coal and fire wood	282.50	3455.83	3738.33	no data	0.91	0.62	14.61	20.54
PS Branislav Nisic Supovae	136	110	679.00	4536.06	2016.67	2172.50	100%-coal and fire wood	1697.50	2621.67	4319.17	no data	1.01	4.99	14.83	31.76
PS Kanadorde Gornji Matejevac - main school	1191	1056	0.00	18799.15	19360.00	156179.60	100%-fuel oil	0.00	23232.00	23232.00	no data	5.42	0.00	16.26	19.51
PS Kanadorde Gornji Matejevac - sports hall	355	355	0.00	0.00	6508.33	no data	100%-fuel oil	0.00	7810.00	7810.00	no data	1.82	0.00	18.33	22.00
PS Kanadorde Gornji Matejevac - library, ptsschool, kitchen	240	240	0.00	0.00	4400.00	6456.67	100%-coal and fire wood	0.00	5720.00	5720.00	no data	1.41	0.00	18.33	23.83
PS Kanadorde Donji Matejevac	262	240	766.00	5107.16	4400.00	no data	100%-fuel oil	1915.00	5280.00	7195.00	no data	1.64	2.92	16.79	27.46
PS Kanadorde Knez seb	262	240	476.00	3103.15	4400.00	no data	100%-coal and fire wood	1190.00	5720.00	6910.00	no data	1.66	1.82	16.79	26.37
PS Milan Rakic Medosevac	1572	1532	5470.00	37469.59	28086.67	no data	100%-coal	13675.00	36512.67	50187.67	no data	11.89	3.48	17.87	31.93
PS Milan Rakic Popovac	1196	988	6906.00	27788.97	18113.33	no data	100%-coal	17265.00	23547.33	40812.33	24	9.46	5.77	15.14	34.12
PS Vojslav Ilic Mladi Hum	1075	931	2699.00	16054.17	17068.33	107700.00	100%-fuel oil	6747.50	20482.00	27229.50	no data	6.21	2.51	15.88	25.33
PS Vojslav Ilic Mladi Korren	128	65	no data	no data	1191.67	2083.33	100%-lighte, fire wood	no data	1549.17	no data	no data	no data	no data	9.31	no data
PS Vojslav Ilic Mladi Rajnik	202	74	0.00	0.00	1356.67	1666.67	100%-lighte, fire wood	0.00	1763.67	1763.67	no data	0.43	0.00	6.72	8.73
PS Vojslav Ilic Mladi Leskovik	74	47	no data	no data	861.67	1750.00	100%-lighte, fire wood	no data	1120.17	no data	no data	no data	no data	11.64	no data
PS Jovan Jovanovic Zmaj Oreovac	214	120	8.00	349.11	2200.00	5833.33	100%-lighte, fire wood	20.00	2860.00	2880.00	no data	0.71	0.04	10.28	13.46
PS Jovan Jovanovic Zmaj Mala	1320	600	2846.00	18256.00	11000.00	30000.00	98%-coal, 2-eleenergy	7115.00	14300.00	21415.00	no data	5.03	2.16	8.33	16.22
PS Jovan Jovanovic Zmaj Vrelo	140	95	0.00	312.64	1741.67	4166.67	100%-lighte	0.00	2264.17	2264.17	no data	0.56	0.00	12.44	16.17
PS Jovan Jovanovic Zmaj Pispajca	197	95	7.00	344.56	1741.67	4166.67	100%-lighte	17.50	2284.17	2281.67	no data	0.56	0.04	8.84	11.58
PS Branko Mijlovic Stvi Do	250	250	201.00	1606.00	4583.33	7641.00	100%-coal and fire wood	502.50	5958.33	6460.83	2	1.57	0.80	18.33	25.84
PS Branko Radicevic Vakranovo	163	163	264.00	1688.00	2988.33	5390.67	100%-coal and fire wood	660.00	3884.83	4544.83	no data	1.10	1.62	18.33	27.88
PS Branko Radicevic Berbatovo	300	120	115.00	895.00	2200.00	2060.58	100%-coal and fire wood	287.50	2860.00	3147.50	no data	0.76	0.38	7.33	10.49
PS Branko Radicevic Gabrovac	1057	1057	1961.00	13196.00	19378.33	67528.67	100%-fuel oil	4902.50	23254.00	28156.50	20	6.47	1.86	18.33	26.64
PS Desanka Maksimovic Donje Medurovo	200	200	67.00	4542.00	3666.67	6574.00	100%-coal	1690.00	4766.67	6456.67	16	1.53	3.38	18.33	32.28
PS Desanka Maksimovic Cokot	1400	1400	4351.00	29918.00	25666.67	197158.20	100%-fuel oil and propane-butane	10877.50	30800.00	41677.50	71	9.49	3.11	18.33	29.77
PS Desanka Maksimovic Kruce	200	200	274.00	1939.00	3666.67	6574.00	100%-coal and fire wood	685.00	4766.67	5451.67	no data	1.32	1.37	18.33	27.26
PS Desanka Maksimovic Gomje Medurovo	200	200	581.00	3893.00	3666.67	4895.00	100%-coal and fire wood	1452.50	4766.67	6219.17	21	1.48	2.91	18.33	31.10
PS Desanka Maksimovic Novo Seb	640	640	3111.00	21169.00	11733.33	20848.00	100%-coal and fire wood	7777.50	15253.33	23030.83	no data	5.40	4.86	18.33	35.99
PS Desanka Maksimovic Mramor Mramorski potok	150	150	no data	no data	2750.00	4045.00	100%-lighte, fire wood	no data	3575.00	no data	no data	no data	no data	18.33	no data
PS Desanka Maksimovic Buhaj village	200	120	353.00	5844.00	2200.00	4324.00	100%-lighte, fire wood	882.50	2860.00	3742.50	no data	0.89	1.77	11.00	18.71
PS Desanka Maksimovic Lalnae	70	70	377.00	2120.00	1283.33	3324.33	100%-lighte, fire wood	942.50	1668.33	2610.83	no data	0.61	5.39	18.33	37.30
PS Dusan Taskovic Strecko Ostrova village	200	200	1015.00	6834.00	3666.67	6574.00	100%-lighte, fire wood	2537.50	4766.67	7304.17	15	1.71	5.08	18.33	36.52
PS Dusan Taskovic Strecko Ostrova	576	400	139.00	946.42	7333.33	118560.00	100%-lighte, fire wood	347.50	9553.33	9880.83	no data	2.42	0.24	12.73	17.15
PS Dusan Taskovic Strecko Ostrova	100	60	no data	690.11	1100.00	58440.00	100%-lighte, fire wood	no data	1430.00	no data	no data	no data	no data	11.00	no data

Table 11. Energy consumption in schools-november 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary energy of electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dušan Tsačkovič Srečko	1052	637	1704.00	11598.76	11678.33	168600.00	100%-lighte, fire wood	4260.00	15181.83	19441.83	no data	4.64	1.62	11.10	18.48
PS Dan Jakšić Prosek	167	88	455.00	3273.94	1613.33	55620.00	100%-lighte, fire wood	1137.50	2097.33	3224.83	no data	0.76	2.72	9.66	19.37
PS Dan Jakšić Jelšnica	750	595	1825.00	12401.23	10908.33	253560.00	100%-coal and fire wood	4562.50	14180.83	18743.33	50	4.46	2.43	14.54	24.99
PS Dan Jakšić Donja Studena	563	250	34.00	845.14	4583.33	85240.00	100%-coal and fire wood	85.00	5958.33	6043.33	5	1.48	0.06	8.14	10.73
PS Dan Jakšić Čukljenk	106	57	182.00	3237.94	1045.00	29220.00	100%-lighte, fire wood	455.00	1358.50	1813.50	no data	0.43	1.72	9.86	17.11
PS Dan Jakšić Jelšnica	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
PS Dan Jakšić Reflektors	no data	no data	no data	288.19	no data	no data	100%-coal and fire wood	no data	no data	no data	no data	no data	no data	no data	no data
PS Ivo Andrić Čamurlija	240	240	201.00	1710.14	4400.00	33309.00	90%-fuel oil, 10%-eEnergy	502.50	5280.00	5782.50	no data	1.34	0.84	18.33	24.09
PS Lela Popović Kralje	405	60	no data	no data	1100.00	21360.00	100%-lighte, fire wood	no data	1430.00	no data	no data	no data	no data	2.72	no data
PS Lela Popović Mijkovac	624	624	451.00	3142.74	11440.00	95160.00	100%-coal and fire wood	1127.50	14872.00	15999.50	25	3.90	0.72	18.33	25.64
PS Lela Popović Paligrace	316	66	no data	312.64	1210.00	21360.00	100%-lighte, fire wood	no data	1573.00	no data	no data	no data	no data	3.83	no data
PS Lela Popović Paljina	72	42	no data	312.64	770.00	no data	100%-lighte, fire wood	no data	1001.00	no data	no data	no data	no data	10.69	no data
PS Lela Popović Velepplje	402	116	no data	312.64	2126.67	27540.00	100%-lighte, fire wood	no data	2764.67	no data	no data	no data	no data	5.29	no data
PS Prvi Maj Vršite	180	160	191.00	981.93	2933.33	86400.00	100%-coal and fire wood	477.50	3813.33	4290.83	9	1.04	1.06	16.30	23.84
PS Prvi Maj Trupale	1800	1519	4260.00	48530.76	27848.33	159460.00	100%-fuel oil	10650.00	33418.00	44068.00	100	10.06	2.37	15.47	24.48
PS Stevan Sindalčić Brienca	328	154	no data	no data	2823.33	no data	100%-coal	no data	3670.33	no data	no data	no data	no data	8.61	no data
PS Stevan Sindalčić Cerje	295	108	no data	no data	1980.00	no data	100%-coal	no data	2574.00	no data	no data	no data	no data	6.71	no data
PS Čegar Gomja Vrežna	532	532	342.00	1982.23	9753.33	56950.00	100%-fuel oil	855.00	11704.00	12559.00	11	2.91	0.64	18.33	23.61
PS Čegar Jasenovik	116	116	226.00	1343.09	2126.67	35000.00	100%-coal and fire wood	565.00	2764.67	3329.67	no data	0.80	1.95	18.33	28.70
PS Ivan Goman Kovatić Prva Kutina	380	177	2474.00	16.35	3245.00	40536.00	90%-lighte, 10%-eEnergy	6185.00	4218.50	10403.50	18	2.35	6.51	8.54	27.38
PS Ivan Goman Kovatić Nikola Tessa	450	400	889.00	5972.00	7333.33	106955.00	98%-coal, 2%-eEnergy	2222.50	9533.33	11755.83	21	2.82	1.98	16.30	26.12
PS Ivan Goman Kovatić Brzi Brod	2500	2500	4608.00	42051.00	45833.33	43066.67	96%-coal, 4%-eEnergy	11520.00	59583.33	71103.33	21	17.11	1.84	18.33	28.44
Electro-technical school Mija Štamprčević	3250	3250	36560.00	272362.29	59583.33	no data	100%-eEnergy	90900.00	0.00	90900.00	165	50.85	11.19	18.33	27.97
Gimnazium Stevan Srenac	2588	2588	4730.00	32321.78	47446.67	196827.57	100%-district heating	11825.00	85404.00	97229.00	189	18.16	1.83	18.33	37.57
Gimnazium Bora Stanković	2588	2588	4730.00	32321.78	47446.67	196827.57	100%-district heating	11825.00	85404.00	97229.00	189	18.16	1.83	18.33	37.57
Gimnazium 9. maj	2389	2297	6075.00	43331.24	42111.67	181697.45	100%-district heating	15187.50	75801.00	90988.50	187	17.12	2.54	17.63	38.09
Construction school Nehar	2439	2439	no data	no data	44715.00	502465.76	100%-district heating	no data	80487.00	no data	no data	no data	no data	18.33	no data
Nemar - polygon	1200	1200	1204.00	9087.23	22000.00	27764.67	80%-coal, 20%-eEnergy	3010.00	28600.00	31610.00	58	7.68	1.00	18.33	26.34
Medical school dr Milenko Hadžić	2615	2615	no data	38934.66	47941.67	271854.40	100%-fuel oil	no data	57530.00	no data	no data	no data	no data	18.33	no data
Musical school	1195	1195	2580.00	17537.54	21908.33	91027.05	100%-district heating	6450.00	39435.00	45885.00	26	8.60	2.16	18.33	38.40
Legal biotechnical school	2592	2592	no data	9916.29	47520.00	213085.31	95%-fuel oil, 5%-eEnergy	no data	57024.00	no data	no data	no data	no data	18.33	no data

Table 11. Energy consumption in schools-november 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary energy of electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
Chemical and food technological school	1650	1576	7511.00	34608.00	28893.33	116128.00	100%-district heating	18777.50	52008.00	70785.50	261	13.52	4.55	17.51	42.90
Gimnazium Svetozar Marković	2663	2273	7674.00	53105.00	41671.67	171046.00	100%-district heating	19185.00	75009.00	94194.00	125	17.82	2.88	15.65	35.37
School of fashion and beauty-main	983	763	5180.00	53803.50	13988.33	57448.50	95%-district heating, 5%-el-energy	12950.00	25179.00	38129.00	0	7.36	5.27	14.23	38.79
School of fashion and beauty 2	682	520	5700.00	57315.00	9533.33	no data	100%-el-energy	14250.00	0.00	14250.00	17	8.07	8.36	13.98	20.89
Technical school 12. februar	3041	3041	12920.00	148620.00	55751.67	626459.73	100%-district heating	32300.00	100353.00	132653.00	423	25.25	4.25	18.33	43.62
Art school	2635	2539	9795.00	105965.28	46548.33	193043.51	100%-district heating	24487.50	83787.00	108274.50	150	20.55	3.72	17.67	41.09
Mechanical school	3995	3995	no data	no data	73241.67	303803.76	100%-district heating	no data	131835.00	no data	187	no data	no data	18.33	no data
Electro-technical school Nikola Tesla	5226	3227	9480.00	66445.10	59161.67	332274.00	100%-district heating	23700.00	106491.00	130191.00	87	24.55	1.81	11.32	24.91
School for hospitality and tourism	3737	3737	6000.00	50776.00	68511.67	97911.55	100%-fuel oil	15000.00	82214.00	97214.00	264	22.36	1.61	18.33	26.01
School for economics	3737	3737	8000.00	67702.00	68511.67	113490.50	100%-fuel oil	20000.00	82214.00	102214.00	352	23.42	2.14	18.33	27.35
School for trade	3737	3737	6000.00	50776.00	68511.67	85117.83	100%-fuel oil	15000.00	82214.00	97214.00	264	22.36	1.61	18.33	26.01
Technical school 15. maj	3041	3041	12920.00	148620.00	55751.67	626459.00	99%-district heating, 1%-el-energy	32300.00	100353.00	132653.00	423	25.25	4.25	18.33	43.62

Table 11. Energy consumption in schools-november 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating area of school [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [kWh]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [kWh]	Monthly primary energy consumption [kWh]	Monthly primary energy consumption [kWh]	Total monthly primary energy consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Dusan Radović	5600	4046	2782,00	162750,22	74176,67	304472,46	100%-district heating	69550,00	133518,00	203068,00	154,2	39,22	4,97	13,25	36,26		
PS Čekić Kluba	3756	3756	6106,00	49659,52	68860,00	285628,00	100%-district heating	15265,00	123948,00	139213,00	544	25,96	1,63	18,33	37,06		
PS Čegar	3316	3316	0,00	690,11	60793,33	223006,25	100%-fuel oil	0,00	72952,00	72952,00	0	17,02	0,00	18,33	22,00		
PS Učitelj Tasa	4536	4536	7600,00	68796,28	83160,00	256793,63	100%-district heating	19000,00	149688,00	168688,00	475	31,47	1,68	18,33	37,19		
PS Branko Mirković - main school	3983	3983	9740,00	66399,00	73021,67	78157,83	50%-district heating, 50%-fuel oil	24350,00	109532,50	133882,50	297	27,43	2,45	18,33	33,61		
PS Buhajski Heroji	2822	2822	2120,00	122722,02	51736,67	242408,06	100%-fuel oil	53002,50	62084,00	115086,50	530	25,72	7,51	18,33	40,78		
PS Buhajski Heroji/Milka Protić	270	270	0,00	0,00	4950,00	8315,33	100%-coal	0,00	6435,00	6435,00	17	1,58	0,00	18,33	23,83		
PS Ivo Andrić Ratko Jović	2448	2448	8413,00	57323,92	44880,00	187206,07	100%-district heating	21032,50	80784,00	101816,50	183	19,27	3,44	18,33	41,59		
PS Ivo Andrić Đorđi Komren	430	430	2953,00	20061,24	7883,33	13449,70	85%-lignite, 15%-el-energy	7382,50	10248,33	17630,83	no data	4,09	6,87	18,33	41,00		
PS Kole Rašić	3588	3588	2310,00	24954,55	65780,00	183333,33	100%-fuel oil	5775,00	78936,00	84711,00	332	19,64	0,64	18,33	23,61		
PS Kraji Petar I	2913	640	12520,00	118898,70	11733,33	221514,37	100%-district heating	31300,00	21120,00	52420,00	191	10,51	4,30	4,03	18,00		
PS Kraji Petar I small Pasa Poljana	142	142	771,00	5137,92	2603,33	4407,50	100%-coal	1927,50	3384,33	5311,83	40	1,24	5,43	18,33	37,41		
PS Kraji Petar Pasi Poljana new school	1300	1300	0,00	848,64	23833,33	46067,68	100%-fuel oil	0,00	28600,00	28600,00	no data	6,67	0,00	18,33	22,00		
PS Miroslav Antić	2200	2200	12630,00	86192,51	40333,33	210106,27	100%-district heating	31575,00	72600,00	104175,00	85	20,00	5,74	18,33	47,35		
PS Miroslav Antić Dorđa Vrežnja	150	150	0,00	690,11	2750,00	9256,55	100%-district heating	0,00	4950,00	4950,00	7	0,91	0,00	18,33	33,00		
PS Stevan Smilčić	693	650	4321,00	8820,30	11916,67	28333,33	100%-fuel oil	10802,50	14300,00	25102,50	no data	5,63	6,24	17,20	36,22		
PS Sveti Sava	7400	6876	15000,00	111426,27	126060,00	522893,03	100%-district heating	37500,00	226908,00	264408,00	2174	49,55	2,03	17,04	55,73		
PS Radoje Đormanović	7221	4199	10875,00	102512,94	76981,67	323459,21	100%-district heating	27187,50	138567,00	165754,50	184	31,17	1,51	10,66	22,95		
Special school 14.oktobar	2495	2495	9540,00	67065,64	45741,67	522025,00	100%-fuel oil	23850,00	54890,00	78740,00	450	17,86	3,82	18,33	31,56		
PS Car Konstantin	4336	4336	7897,00	57675,60	79493,33	329734,68	100%-district heating	19742,50	143088,00	162830,50	749	30,42	1,82	18,33	37,55		
PS Ratko Vučković	4000	3925	12160,00	70504,68	71958,33	298529,96	100%-district heating	30400,00	129525,00	159925,00	792	30,19	3,04	17,99	39,98		
PS Stefan Nemanja	3082	3082	5910,00	40024,00	56503,33	346239,60	100%-fuel oil	14775,00	67804,00	82579,00	681	18,95	1,92	18,33	26,79		
PS Vuk Karadžić	2145	2145	27262,00	43808,90	39325,00	206592,04	100%-district heating	68155,00	70785,00	138940,00	492	27,43	12,71	18,33	64,77		
PS Stetin Mladenović Mka	2524	1943	0,00	690,11	35621,67	147762,68	100%-district heating	0,00	64119,00	64119,00	173	11,76	0,00	14,11	25,40		
PS Voždi Karadorde	3276	3276	8780,00	53094,00	60060,00	249126,69	100%-district heating	21950,00	108108,00	130058,00	289	24,47	2,68	18,33	39,70		
Special school Buhaj	4200	4200	14960,00	106117,53	77000,00	647383,84	100%-fuel oil	37400,00	92400,00	129800,00	184	29,49	3,56	18,33	30,90		
PS Ivan Goran Kovačić Niška Bujta	2530	2530	6552,00	44541,00	46383,33	149500,00	98%-fuel oil 2%-el-energy	16380,00	55660,00	72040,00	0	16,46	2,59	18,33	28,47		
PS Brankov Nuišić Dorđa Trava	1385	1100	936,00	14085,83	20166,67	65577,50	100%-fuel oil	2340,00	24200,00	26540,00	101	6,14	0,68	14,56	19,16		
PS Brankov Nuišić Gorinja Toponica	182	145	137,00	937,30	2658,33	3045,00	100%-coal and fire wood	342,50	3455,83	3798,33	5	0,92	0,75	14,61	20,87		
PS Brankov Nuišić Gorinja Trava	122	70	0,00	312,64	1283,33	2172,50	100%-coal and fire wood	0,00	1668,33	1668,33	no data	0,41	0,00	10,52	13,67		
PS Brankov Nuišić Sečanica	181	140	3653,00	24608,70	2566,67	3045,00	100%-coal and fire wood	9132,50	3336,67	12469,17	no data	2,76	20,18	14,18	68,89		

Table 12. Energy consumption in schools-december 2010



European Union



Bulgaria – Serbia
IPA Cross-border Programme

Schools	Total school area [m ²]	Heating school area [m ²]	Monthly electrical-energy consumption [kWh]	Monthly electrical-energy consumption [RSD]	Monthly heat-energy consumption [kWh]	Monthly heat-energy consumption [RSD]	Monthly heat-energy consumption [RSD]	Type of heating	Monthly primary energy of electrical-energy consumption [kWh]	Monthly primary energy of heat-energy consumption [kWh]	Total monthly primary consumption [kWh]	Monthly water consumption [m ³]	Monthly emissions of CO ₂ e [t]	Specific monthly electrical-energy consumption [kWh/m ²]	Specific monthly heat-energy consumption [kWh/m ²]	Specific monthly primary energy consumption [kWh/m ²]
PS Branslav Nisic Mezgajia	182	145	0.00	690.11	2658.33	3045.00	3045.00	100%-coal and fire wood	0.00	3455.83	3455.83	no data	0.85	0.00	14.61	18.99
PS Branslav Nisic Sipovac	136	110	955.00	6343.92	2016.67	2172.50	2172.50	100%-coal and fire wood	2387.50	2621.67	5009.17	no data	1.15	7.02	14.83	36.83
PS Karadonche Gomji Matejevac - main school	1191	1056	0.00	20286.79	19360.00	156179.60	156179.60	100%-fuel oil	0.00	23232.00	23232.00	no data	5.42	0.00	16.26	19.51
PS Karadonche Gomji Matejevac - sports hall	355	355	0.00	0.00	6808.33	no data	no data	100%-fuel oil	0.00	7810.00	7810.00	no data	1.82	0.00	18.33	22.00
PS Karadonche Gomji Matejevac - library, preschool, kitchen	240	240	0.00	0.00	4400.00	6456.67	6456.67	100%-coal and fire wood	0.00	5720.00	5720.00	no data	1.41	0.00	18.33	23.83
PS Karadonche Donji Matejevac	262	240	740.00	4937.18	4400.00	no data	no data	100%-fuel oil	1850.00	5280.00	7130.00	no data	1.62	2.82	16.79	27.21
PS Karadonche Knez seb	262	240	440.00	2873.14	4400.00	no data	no data	100%-coal and fire wood	1100.00	5720.00	6820.00	no data	1.64	1.68	16.79	26.03
PS Milan Rakic Medosevac	1572	1532	0.00	0.00	28086.67	no data	no data	100%-coal	0.00	36512.67	36512.67	no data	8.99	0.00	17.87	23.23
PS Milan Rakic Popovac	1196	988	0.00	37694.93	18113.33	no data	no data	100%-coal	0.00	23547.33	23547.33	20	5.80	0.00	15.14	19.69
PS Vojislav Ili Mladi Hum	1075	931	2910.00	14385.22	17068.33	107700.00	107700.00	100%-fuel oil	7275.00	20482.00	27757.00	no data	6.32	2.71	15.88	25.82
PS Vojislav Ili Mladi Konren	128	65	no data	no data	1191.67	2083.33	2083.33	100%-lignite, fire wood	no data	1549.17	no data	no data	no data	no data	9.31	no data
PS Vojislav Ili Mladi Leskovik	202	74	0.00	0.00	1356.67	1666.67	1666.67	100%-lignite, fire wood	0.00	1763.67	1763.67	no data	0.43	0.00	6.72	8.73
PS Jovan Ivanovic Zrnj Orovac	214	120	0.00	312.64	2200.00	5833.33	5833.33	100%-lignite, fire wood	0.00	1120.17	no data	no data	no data	no data	11.64	no data
PS Jovan Ivanovic Zrnj Malka	1320	600	4200.00	27579.91	11000.00	30000.00	30000.00	100%-lignite, fire wood	0.00	2860.00	2860.00	no data	0.70	0.00	10.28	13.36
PS Jovan Ivanovic Zrnj Vrebo	140	95	0.00	312.64	1741.67	4166.67	4166.67	100%-lignite	0.00	14300.00	24800.00	no data	5.75	3.18	8.33	18.79
PS Jovan Ivanovic Zrnj Pasjicka	197	95	0.00	312.64	1741.67	4166.67	4166.67	100%-lignite	0.00	2264.17	2264.17	no data	0.56	0.00	12.44	16.17
PS Branko Radicevic Vukmanovo	250	250	186.00	1012.00	4883.33	7641.00	7641.00	100%-coal and fire wood	465.00	5958.33	6423.33	6	1.57	0.74	18.33	25.69
PS Branko Radicevic Berbatovo	163	163	209.00	690.00	2988.33	5390.67	5390.67	100%-coal and fire wood	522.50	3884.83	4407.33	no data	1.07	1.28	18.33	27.04
PS Branko Radicevic Gabrovac	1057	1057	2382.00	15840.00	19378.33	67528.67	67528.67	100%-coal and fire wood	302.50	2860.00	3162.50	no data	0.77	0.40	7.33	10.54
PS Desanka Maksimovic Medurovo	200	200	676.00	4542.00	3666.67	6574.00	6574.00	100%-fuel oil	5955.00	23254.00	29209.00	94	6.69	2.25	18.33	27.63
PS Desanka Maksimovic Cokot	1400	1400	4350.00	29900.00	25666.67	197158.20	197158.20	100%-fuel oil and propane-butane	1690.00	4766.67	6456.67	15	1.53	3.38	18.33	32.28
PS Desanka Maksimovic Krusee	200	200	179.00	1506.00	3666.67	6574.00	6574.00	100%-coal and fire wood	447.50	4766.67	5214.17	no data	1.27	0.90	18.33	26.07
PS Desanka Maksimovic Gomje Medurovo	200	200	no data	no data	3666.67	4895.00	4895.00	100%-coal and fire wood	no data	4766.67	no data	20	no data	no data	18.33	no data
PS Desanka Maksimovic Novo Selo	640	640	3111.00	21169.00	11733.33	20848.00	20848.00	100%-coal and fire wood	7777.50	15253.33	23030.83	279	5.40	4.86	18.33	35.99
PS Desanka Maksimovic Miramor Miramorski ponik	150	150	no data	no data	2750.00	4045.00	4045.00	100%-lignite, fire wood	no data	3575.00	no data	no data	no data	no data	18.33	no data
PS Desanka Maksimovic Bubanj village	200	120	10.00	1829.00	2200.00	4324.00	4324.00	100%-lignite, fire wood	25.00	2860.00	2885.00	no data	0.71	0.05	11.00	14.43
PS Desanka Maksimovic Lalinac	200	200	no data	no data	3666.67	6574.00	6574.00	100%-lignite, fire wood	0.00	1668.33	1668.33	10	0.41	0.00	18.33	23.83
PS Dusan Taskovic Srecho Osovoica village	576	400	0.00	312.64	7333.33	118560.00	118560.00	100%-lignite, fire wood	0.00	4766.67	no data	15	no data	no data	18.33	no data
PS Dusan Taskovic Srecho Ostroika	100	60	no data	690.11	1100.00	58440.00	58440.00	100%-lignite, fire wood	no data	9533.33	9533.33	no data	2.35	0.00	12.73	16.55

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PS Dušan Trasković Stečko	1052	637	3996.00	27114.00	11678.33	168600.00	168600.00	100%-lignite, fire wood	9990.00	15181.83	25171.83	no data	5.85	3.80	11.10	23.93
PS Dura Jakšić Prosek	167	88	0.00	486.28	1613.33	55620.00	55620.00	100%-lignite, fire wood	0.00	2097.33	2097.33	no data	0.52	0.00	9.66	12.56
PS Dura Jakšić Iekšnica	750	595	0.00	69.11	10908.33	253560.00	253560.00	100%-coal and fire wood	0.00	14180.83	14180.83	0	3.49	0.00	14.54	18.91
PS Dura Jakšić Donja Studena	563	250	0.00	690.11	4583.33	85240.00	85240.00	100%-coal and fire wood	0.00	5958.33	5958.33	0	1.47	0.00	8.14	10.58
PS Dura Jakšić Čučljenik	106	57	0.00	486.28	1045.00	29220.00	29220.00	100%-lignite, fire wood	0.00	1358.50	1358.50	no data	0.33	0.00	9.86	12.82
PS Dura Jakšić Iekšnica	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
PS Dura Jakšić Reflektors	no data	no data	no data	288.19	no data	no data	no data	100%-coal and fire wood	no data	no data	no data	no data	no data	no data	no data	no data
PS Ivo Andrić Čamarja	240	240	0.00	0.00	4400.00	35309.00	35309.00	90%-fuel oil, 10%-elenergy	0.00	5280.00	5280.00	no data	1.23	0.00	18.33	22.00
PS Lek Popović Krivje	405	60	no data	no data	1100.00	21360.00	21360.00	100%-lignite, fire wood	no data	1430.00	no data	no data	no data	no data	2.72	no data
PS Lek Popović Mijkovac	624	624	685.00	5729.39	11440.00	95160.00	95160.00	100%-coal and fire wood	1712.50	14872.00	16884.50	21	4.02	1.10	18.33	26.58
PS Lek Popović Paligrace	316	66	no data	312.64	1210.00	21360.00	21360.00	100%-lignite, fire wood	no data	1573.00	no data	no data	no data	no data	3.83	no data
PS Lek Popović Paljina	72	42	no data	312.64	770.00	no data	no data	100%-lignite, fire wood	no data	1001.00	no data	no data	no data	no data	10.69	no data
PS Lek Popović Velepolve	402	116	no data	312.64	2126.67	27540.00	27540.00	100%-lignite, fire wood	no data	2764.67	no data	no data	no data	no data	5.29	no data
PS Prvi Maj Vršite	180	160	179.00	1044.45	2933.33	86400.00	86400.00	100%-coal and fire wood	447.50	3813.33	4260.83	5	1.03	0.99	16.30	23.67
PS Prvi Maj Trupale	1800	1519	4630.00	50322.52	27848.33	159460.00	159460.00	100%-fuel oil	11575.00	33418.00	44993.00	100	10.25	2.57	15.47	25.00
PS Stevan Sindčić Breznica	328	154	no data	no data	2823.33	no data	no data	100%-coal	no data	3670.33	no data	no data	no data	no data	8.61	no data
PS Stevan Sindčić Cerje	295	108	no data	no data	1980.00	no data	no data	100%-coal	no data	2574.00	no data	no data	no data	no data	6.71	no data
PS Čegar Gorinja Vrežina	532	532	690.11	0.00	9753.33	56950.00	56950.00	100%-fuel oil	1725.28	11704.00	13429.28	0	3.10	1.30	18.33	25.24
PS Čegar Jiserovik	116	116	690.11	0.00	2126.67	35000.00	35000.00	100%-coal and fire wood	1725.28	2764.67	4489.94	no data	1.05	5.95	18.33	38.71
PS Ivan Goran Kovačić Prva Kufina	380	177	0.00	313.00	3245.00	40536.00	40536.00	90%-lignite, 10%-elenergy	0.00	4218.50	4218.50	20	1.04	0.00	8.54	11.10
PS Ivan Goran Kovačić Nkoloh Tesla	450	400	1115.00	6724.00	7333.33	106955.00	106955.00	98%-coal, 2%-elenergy	2787.50	9533.33	12320.83	0	2.94	2.48	16.30	27.38
PS Ivan Goran Kovačić Brzi Brod	2500	2500	7340.00	58535.00	45833.33	43066.67	43066.67	96%-coal, 4%-elenergy	18350.00	59583.33	77933.33	42	18.56	2.94	18.33	31.17
Electro-technical school Mija Staminović	3250	3250	81240.00	455342.26	59583.33	no data	no data	100%-elenergy	203100.00	0.00	203100.00	130	74.64	25.00	18.33	62.49
Gimnazium Stevan Steuac	2588	2588	5778.50	39305.83	47446.67	196827.57	196827.57	100%-district heating	14446.25	85404.00	99850.25	164	18.72	2.23	18.33	38.58
Gimnazium Bora Stanković	2588	2588	5778.50	39305.83	47446.67	196827.57	196827.57	100%-district heating	14446.25	85404.00	99850.25	164	18.72	2.23	18.33	38.58
Gimnazium 9. maj	2389	2297	6560.00	47471.79	42111.67	181697.45	181697.45	100%-district heating	16400.00	78801.00	92201.00	229	17.37	2.75	17.63	38.59
Construction school Naimar	2439	2439	no data	no data	44715.00	502465.76	502465.76	100%-district heating	no data	80487.00	no data	no data	no data	no data	18.33	no data
Naimar - polygon	1200	1200	no data	1832.25	22000.00	27764.67	27764.67	80%-coal, 20%-elenergy	no data	28600.00	no data	40	no data	no data	18.33	no data
Medical school dr Milenko Hadžić	2615	2615	no data	38934.66	47941.67	271854.40	271854.40	100%-fuel oil	no data	57530.00	no data	no data	no data	no data	18.33	no data
Musical school	1195	1195	2880.00	19482.18	21908.33	91027.05	91027.05	100%-district heating	7200.00	39435.00	46635.00	33	8.76	2.41	18.33	39.03
Legal birotechnical school	2592	2592	no data	no data	47520.00	213085.31	213085.31	95%-fuel oil, 5%-elenergy	no data	57024.00	no data	no data	no data	no data	18.33	no data

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Chemical and food technological school	1650	1576	5440.00	46543.00	28893.33	116128.00	100%-district heating	13600.00	52008.00	65608.00	185	12.42	3.30	17.51	39.76		
Gimnazium Svetozar Marković	2663	2273	17244.00	83345.00	41671.67	171046.00	100%-district heating	43110.00	75009.00	118119.00	161	22.89	6.48	15.65	44.36		
School of fashion and beauty-main	983	763	6400.00	58202.00	13988.33	57448.50	95%-district heating, 5%-elenergy	16000.00	25179.00	41179.00	0	8.01	6.51	14.23	41.89		
School of fashion and beauty 2	682	520	9140.00	83458.00	9533.33	no data	100%-elenergy	22850.00	0.00	22850.00	0	9.90	13.40	13.98	33.50		
Technical school 12. februar	3041	3041	12020.00	103694.00	55751.67	626459.73	100%-district heating	30050.00	100353.00	130403.00	398	24.77	3.95	18.33	42.88		
Art school	2635	2539	12585.00	128135.61	46548.33	193043.51	100%-district heating	31462.50	83787.00	115249.50	199	22.03	4.78	17.67	43.74		
Mechanical school	3995	3995	15400.00	no data	73241.67	303803.76	100%-district heating	38500.00	131835.00	170335.00	214	no data	3.85	18.33	42.64		
Electro-technical school Nikola Tesla	5226	3227	0.00	2800.75	59161.67	332274.00	100%-district heating	0.00	106491.00	106491.00	73	19.52	0.00	11.32	20.38		
School for hospitality and tourism	3737	3737	7296.00	60634.00	68511.67	97911.55	100%-fuel oil	18240.00	82214.00	100454.00	338	23.05	1.95	18.33	26.88		
School for economics	3737	3737	9728.00	80845.00	68511.67	113490.50	100%-fuel oil	24320.00	82214.00	106534.00	450	24.34	2.60	18.33	28.51		
School for trade	3737	3737	7296.00	60634.00	68511.67	85117.83	100%-fuel oil	18240.00	82214.00	100454.00	338	23.05	1.95	18.33	26.88		
Technical school 15. maj	3041	3041	12020.00	103694.00	55751.67	626459.00	99%-district heating, 1%-elenergy	30050.00	100353.00	130403.00	398	24.77	3.95	18.33	42.88		

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