

# Puteri totale pe judete si tip de sursa de energie\*

25.09.18

	Puteri din ATR (MW)	Puteri din CR (MW)	Puteri totale (MW)	Puteri cu PIF cf. emitenti (MW)	Puteri cu PIF cf.DEN (MW)
<b>Alba</b>					
biomasa	0.000	8.752	8.752	8.752	8.800
cogenerare	2.500	0.000	2.500	2.500	2.520
eolian	0.330	0.000	0.330	0.000	0.000
fotovoltaic	0.005	59.687	59.692	19.682	7.019
hidro	0.000	12.302	12.302	8.680	8.334
Subtotal for Alba:	2.835	80.741	83.576	39.614	26.673
<b>Arad</b>					
biomasa	0.000	0.980	0.980	0.980	1.052
cogenerare	0.000	1.600	1.600	1.600	0.660
eolian	0.000	0.020	0.020	0.020	0.020
fotovoltaic	0.000	37.768	37.768	32.444	33.976
hidro	0.000	0.320	0.320	0.320	0.380
Subtotal for Arad:	0.000	40.688	40.688	35.364	36.088
<b>Arges</b>					
biomasa	0.000	5.400	5.400	5.400	5.400
fotovoltaic	1.316	55.593	56.909	32.514	35.477
hidro	0.000	18.753	18.753	18.750	19.263
Subtotal for Arges:	1.316	79.746	81.062	56.664	60.140
<b>Bacau</b>					
centrala clasica	0.000	21.066	21.066	21.066	23.798
cogenerare	0.000	59.400	59.400	59.400	60.000
eolian	0.000	0.230	0.230	0.230	0.250
fotovoltaic	18.252	0.582	18.834	17.813	17.772
Subtotal for Bacau:	18.252	81.278	99.530	98.509	101.820
<b>Bihor</b>					
biogaz	0.000	1.754	1.754	0.498	0.498
biomasa	0.000	5.500	5.500	0.500	0.000
centrala clasica	0.000	151.770	151.770	150.000	201.000
eolian	0.000	21.500	21.500	11.500	15.000
fotovoltaic	0.343	87.943	88.286	68.239	66.936
geotermala	0.000	0.050	0.050	0.050	0.050

	Puteri din ATR (MW)	Puteri din CR (MW)	Puteri totale (MW)	Puteri cu PIF cf. emitenti (MW)	Puteri cu PIF cf.DEN (MW)
<b>hidro</b>	<b>0.215</b>	<b>11.949</b>	<b>12.164</b>	<b>12.124</b>	<b>12.678</b>
Subtotal for Bihor:	0.558	280.466	281.024	242.911	296.162
<b>Bistrita Nasau</b>					
<b>eolian</b>	<b>0.000</b>	<b>0.830</b>	<b>0.830</b>	<b>0.820</b>	<b>0.820</b>
<b>fotovoltaic</b>	<b>0.000</b>	<b>32.438</b>	<b>32.438</b>	<b>19.827</b>	<b>20.259</b>
<b>hidro</b>	<b>0.000</b>	<b>23.614</b>	<b>23.614</b>	<b>12.956</b>	<b>10.892</b>
Subtotal for Bistrita Nasau:	0.000	56.882	56.882	33.603	31.971
<b>Botosani</b>					
<b>centrala clasica</b>	<b>0.000</b>	<b>12.600</b>	<b>12.600</b>	<b>12.600</b>	<b>12.800</b>
<b>eolian</b>	<b>0.000</b>	<b>0.030</b>	<b>0.030</b>	<b>0.030</b>	<b>0.099</b>
<b>fotovoltaic</b>	<b>0.008</b>	<b>3.029</b>	<b>3.037</b>	<b>3.029</b>	<b>3.530</b>
<b>hidro</b>	<b>0.000</b>	<b>0.800</b>	<b>0.800</b>	<b>0.800</b>	<b>0.800</b>
Subtotal for Botosani:	0.008	16.459	16.467	16.459	17.229
<b>Braila</b>					
<b>centrala clasica</b>	<b>0.000</b>	<b>82.480</b>	<b>82.480</b>	<b>80.800</b>	<b>77.320</b>
<b>eolian</b>	<b>0.000</b>	<b>106.493</b>	<b>106.493</b>	<b>71.503</b>	<b>72.300</b>
<b>fotovoltaic</b>	<b>0.400</b>	<b>47.131</b>	<b>47.531</b>	<b>34.008</b>	<b>33.724</b>
Subtotal for Braila:	0.400	236.104	236.504	186.311	183.344
<b>Brasov</b>					
<b>cogenerare</b>	<b>0.000</b>	<b>85.813</b>	<b>85.813</b>	<b>64.730</b>	<b>42.750</b>
<b>fotovoltaic</b>	<b>1.029</b>	<b>286.968</b>	<b>287.997</b>	<b>115.935</b>	<b>101.935</b>
<b>hidro</b>	<b>0.000</b>	<b>15.454</b>	<b>15.454</b>	<b>15.402</b>	<b>15.762</b>
Subtotal for Brasov:	1.029	388.235	389.264	196.067	160.447
<b>Bucuresti</b>					
<b>cogenerare</b>	<b>0.000</b>	<b>32.264</b>	<b>32.264</b>	<b>29.464</b>	<b>31.942</b>
<b>fotovoltaic</b>	<b>0.050</b>	<b>5.709</b>	<b>5.759</b>	<b>4.803</b>	<b>3.077</b>
Subtotal for Bucuresti:	0.050	37.973	38.023	34.267	35.019
<b>Buzau</b>					
<b>centrala clasica</b>	<b>0.000</b>	<b>2.636</b>	<b>2.636</b>	<b>2.636</b>	<b>0.502</b>
<b>eolian</b>	<b>0.000</b>	<b>27.900</b>	<b>27.900</b>	<b>27.900</b>	<b>28.000</b>
<b>fotovoltaic</b>	<b>0.075</b>	<b>41.731</b>	<b>41.806</b>	<b>11.829</b>	<b>11.833</b>
<b>hidro</b>	<b>0.000</b>	<b>97.000</b>	<b>97.000</b>	<b>0.000</b>	<b>0.000</b>
Subtotal for Buzau:	0.075	169.267	169.342	42.365	40.335

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<b>Calarasi</b>					
biogaz	0.000	0.963	0.963	0.635	0.635
cogenerare	0.000	6.400	6.400	5.400	6.080
fotovoltaic	0.000	53.335	53.335	49.360	53.237
Subtotal for Calarasi:	0.000	60.698	60.698	55.395	59.952
<b>Caras-Severin</b>					
eolian	0.000	221.121	221.121	57.121	57.300
fotovoltaic	0.000	0.816	0.816	0.816	0.805
hidro	0.995	28.366	29.361	30.896	30.987
Subtotal for Caras-Severin:	0.995	250.303	251.298	88.833	89.092
<b>Cluj</b>					
biomasa	0.000	20.250	20.250	10.400	11.130
centrala clasica	0.000	2.910	2.910	2.910	0.000
cogenerare	0.000	0.633	0.633	0.600	0.000
eolian	0.000	0.585	0.585	0.585	0.585
fotovoltaic	0.450	92.342	92.792	60.117	59.226
hidro	0.000	13.012	13.012	9.489	9.748
Subtotal for Cluj:	0.450	129.732	130.182	84.101	80.689
<b>Constanta</b>					
biogaz	0.000	0.380	0.380	0.120	0.030
eolian	0.002	2,564.675	2,564.677	1,631.700	1,638.300
fotovoltaic	0.156	5.296	5.452	3.500	3.990
Subtotal for Constanta:	0.158	2,570.351	2,570.509	1,635.320	1,642.320
<b>Covasna</b>					
biomasa	0.000	10.000	10.000	10.000	15.000
cogenerare	0.000	2.260	2.260	2.260	2.260
fotovoltaic	0.000	28.366	28.366	6.276	6.645
Subtotal for Covasna:	0.000	40.626	40.626	18.536	23.905
<b>Dambovita</b>					
biogaz	0.000	0.500	0.500	0.500	0.500
centrala clasica	0.000	2.790	2.790	2.790	1.817
cogenerare	0.000	6.413	6.413	6.416	3.286
eolian	0.000	0.045	0.045	0.020	0.000

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<b>fotovoltaic</b>	<b>0.150</b>	<b>83.820</b>	<b>83.970</b>	<b>64.099</b>	<b>63.802</b>
<b>hidro</b>	<b>0.000</b>	<b>0.586</b>	<b>0.586</b>	<b>0.015</b>	<b>0.150</b>
Subtotal for Dambovita:	0.150	94.154	94.304	73.840	69.555
<b>Dolj</b>					
<b>fotovoltaic</b>	<b>0.000</b>	<b>113.449</b>	<b>113.449</b>	<b>70.148</b>	<b>76.471</b>
Subtotal for Dolj:	0.000	113.449	113.449	70.148	76.471
<b>Galati</b>					
<b>centrala clasica</b>	<b>0.000</b>	<b>1.860</b>	<b>1.860</b>	<b>0.000</b>	<b>0.000</b>
<b>eolian</b>	<b>0.000</b>	<b>191.730</b>	<b>191.730</b>	<b>172.750</b>	<b>164.750</b>
<b>fotovoltaic</b>	<b>0.000</b>	<b>1.350</b>	<b>1.350</b>	<b>1.345</b>	<b>1.345</b>
<b>hidro</b>	<b>0.000</b>	<b>39.300</b>	<b>39.300</b>	<b>0.000</b>	<b>0.000</b>
Subtotal for Galati:	0.000	234.240	234.240	174.095	166.095
<b>Giurgiu</b>					
<b>biomasa</b>	<b>0.000</b>	<b>0.526</b>	<b>0.526</b>	<b>0.000</b>	<b>0.000</b>
<b>centrala clasica</b>	<b>0.000</b>	<b>3.480</b>	<b>3.480</b>	<b>3.303</b>	<b>0.000</b>
<b>cogenerare</b>	<b>0.000</b>	<b>17.604</b>	<b>17.604</b>	<b>17.604</b>	<b>17.604</b>
<b>fotovoltaic</b>	<b>0.040</b>	<b>197.535</b>	<b>197.601</b>	<b>184.433</b>	<b>192.014</b>
<b>hidro</b>	<b>0.000</b>	<b>7.380</b>	<b>7.380</b>	<b>7.380</b>	<b>0.000</b>
Subtotal for Giurgiu:	0.040	226.525	226.591	212.720	209.618
<b>Gorj</b>					
<b>cogenerare</b>	<b>0.000</b>	<b>3.280</b>	<b>3.280</b>	<b>3.280</b>	<b>3.333</b>
<b>eolian</b>	<b>47.450</b>	<b>0.000</b>	<b>47.450</b>	<b>0.000</b>	<b>0.000</b>
<b>fotovoltaic</b>	<b>0.044</b>	<b>39.906</b>	<b>39.950</b>	<b>30.716</b>	<b>30.884</b>
<b>hidro</b>	<b>0.000</b>	<b>59.723</b>	<b>59.723</b>	<b>7.800</b>	<b>7.840</b>
Subtotal for Gorj:	47.494	102.909	150.403	41.796	42.057
<b>Harghita</b>					
<b>biomasa</b>	<b>0.240</b>	<b>7.500</b>	<b>7.740</b>	<b>0.000</b>	<b>0.000</b>
<b>cogenerare</b>	<b>0.000</b>	<b>4.616</b>	<b>4.616</b>	<b>4.618</b>	<b>4.060</b>
<b>fotovoltaic</b>	<b>0.076</b>	<b>40.792</b>	<b>40.868</b>	<b>8.502</b>	<b>9.377</b>
<b>hidro</b>	<b>0.000</b>	<b>17.005</b>	<b>17.005</b>	<b>11.840</b>	<b>12.157</b>
Subtotal for Harghita:	0.316	69.913	70.229	24.960	25.594
<b>Hunedoara</b>					
<b>biomasa</b>	<b>0.000</b>	<b>1.105</b>	<b>1.105</b>	<b>0.000</b>	<b>0.000</b>
<b>fotovoltaic</b>	<b>0.609</b>	<b>7.151</b>	<b>7.760</b>	<b>1.262</b>	<b>1.263</b>

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<b>hidro</b>	<b>0.000</b>	<b>55.493</b>	<b>55.493</b>	<b>30.992</b>	<b>31.260</b>
Subtotal for Hunedoara:	0.609	63.749	64.358	32.254	32.523
<b>Ialomita</b>					
<b>cogenerare</b>	<b>0.000</b>	<b>0.650</b>	<b>0.650</b>	<b>0.650</b>	<b>0.650</b>
<b>eolian</b>	<b>0.000</b>	<b>268.000</b>	<b>268.000</b>	<b>132.000</b>	<b>132.000</b>
<b>fotovoltaic</b>	<b>0.022</b>	<b>29.720</b>	<b>29.742</b>	<b>7.954</b>	<b>8.273</b>
<b>hidro</b>	<b>0.000</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>
Subtotal for Ialomita:	0.022	299.970	299.992	142.204	142.523
<b>Iasi</b>					
<b>cogenerare</b>	<b>0.000</b>	<b>3.600</b>	<b>3.600</b>	<b>0.000</b>	<b>0.000</b>
<b>eolian</b>	<b>0.000</b>	<b>247.000</b>	<b>247.000</b>	<b>9.000</b>	<b>10.000</b>
<b>fotovoltaic</b>	<b>0.000</b>	<b>5.051</b>	<b>5.051</b>	<b>5.040</b>	<b>5.026</b>
Subtotal for Iasi:	0.000	255.651	255.651	14.040	15.026
<b>Ilfov</b>					
<b>eolian</b>	<b>0.000</b>	<b>0.025</b>	<b>0.025</b>	<b>0.005</b>	<b>0.000</b>
<b>fotovoltaic</b>	<b>0.000</b>	<b>11.631</b>	<b>11.631</b>	<b>7.598</b>	<b>8.704</b>
Subtotal for Ilfov:	0.000	11.656	11.656	7.603	8.704
<b>Maramures</b>					
<b>biogaz</b>	<b>0.000</b>	<b>0.315</b>	<b>0.315</b>	<b>0.315</b>	<b>0.370</b>
<b>fotovoltaic</b>	<b>0.000</b>	<b>16.435</b>	<b>16.435</b>	<b>11.544</b>	<b>8.916</b>
<b>hidro</b>	<b>4.200</b>	<b>44.532</b>	<b>48.732</b>	<b>26.088</b>	<b>27.475</b>
Subtotal for Maramures:	4.200	61.282	65.482	37.947	36.761
<b>Mehedinti</b>					
<b>eolian</b>	<b>0.000</b>	<b>1.800</b>	<b>1.800</b>	<b>1.800</b>	<b>1.800</b>
<b>fotovoltaic</b>	<b>0.000</b>	<b>30.282</b>	<b>30.282</b>	<b>25.914</b>	<b>29.841</b>
Subtotal for Mehedinti:	0.000	32.082	32.082	27.714	31.641
<b>Mures</b>					
<b>cogenerare</b>	<b>430.000</b>	<b>7.160</b>	<b>437.160</b>	<b>0.000</b>	<b>0.000</b>
<b>fotovoltaic</b>	<b>0.018</b>	<b>71.616</b>	<b>71.634</b>	<b>35.036</b>	<b>28.482</b>
<b>hidro</b>	<b>0.513</b>	<b>39.553</b>	<b>40.066</b>	<b>4.591</b>	<b>4.715</b>
Subtotal for Mures:	430.531	118.329	548.860	39.627	33.197
<b>Neamt</b>					
<b>biogaz</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>

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biomasa	0.000	7.755	7.755	7.805	7.828
fotovoltaic	2.980	1.581	4.561	0.669	0.558
hidro	0.000	5.077	5.077	5.077	3.700
Subtotal for Neamt:	2.980	14.413	17.393	13.551	12.086
<b>Olt</b>					
biogaz	0.000	1.799	1.799	0.800	0.800
cogenerare	0.000	2.200	2.200	2.200	1.160
fotovoltaic	0.000	138.972	138.972	66.200	71.057
Subtotal for Olt:	0.000	142.971	142.971	69.200	73.017
<b>Prahova</b>					
biogaz	0.499	1.115	1.614	0.785	0.660
biomasa	0.000	2.067	2.067	1.000	1.063
centrala clasica	0.000	4.810	4.810	3.310	1.160
cogenerare	55.513	930.660	986.173	941.173	943.510
eolian	0.000	0.022	0.022	0.022	0.020
fotovoltaic	1.012	227.100	228.112	145.208	149.683
hidro	0.459	55.421	55.880	55.954	42.729
Subtotal for Prahova:	57.483	1,221.195	1,278.678	1,147.452	1,138.825
<b>Salaj</b>					
biomasa	0.000	2.450	2.450	0.000	0.000
centrala clasica	3.000	0.000	3.000	3.000	0.000
fotovoltaic	0.147	27.711	27.858	6.365	6.443
Subtotal for Salaj:	3.147	30.161	33.308	9.365	6.443
<b>Satu Mare</b>					
biogaz	0.000	5.940	5.940	1.480	1.487
biomasa	0.000	4.490	4.490	0.000	0.000
fotovoltaic	0.014	104.828	104.842	62.189	68.566
hidro	0.000	2.370	2.370	2.306	2.306
Subtotal for Satu Mare:	0.014	117.628	117.642	65.975	72.359
<b>Sibiu</b>					
cogenerare	0.000	0.200	0.200	0.200	0.000
fotovoltaic	0.033	82.637	82.670	43.397	43.741
hidro	0.000	51.094	51.094	45.149	47.035
Subtotal for Sibiu:	0.033	133.931	133.964	88.746	90.776

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<b>Suceava</b>					
biogaz	0.000	2.978	2.978	2.978	2.974
biomasa	0.000	57.825	57.825	57.795	59.365
centrala clasica	0.000	1.200	1.200	1.200	1.200
eolian	0.000	0.600	0.600	0.600	0.600
fotovoltaic	0.000	0.649	0.649	0.635	0.514
hidro	0.000	4.605	4.605	4.765	5.043
Subtotal for Suceava:	0.000	67.857	67.857	67.973	69.696
<b>Teleorman</b>					
biogaz	0.246	1.449	1.695	0.450	0.250
cogenerare	0.000	31.150	31.150	26.650	50.450
fotovoltaic	0.048	114.403	114.451	37.015	26.941
Subtotal for Teleorman:	0.294	147.002	147.296	64.115	77.641
<b>Timis</b>					
biogaz	0.000	0.841	0.841	0.841	0.999
cogenerare	0.175	7.000	7.175	2.000	1.000
fotovoltaic	1.088	68.253	69.341	50.023	50.926
hidro	0.000	0.090	0.090	0.090	0.110
Subtotal for Timis:	1.263	76.184	77.447	52.954	53.035
<b>Tulcea</b>					
biogaz	0.000	1.027	1.027	0.527	0.527
eolian	0.000	1,374.600	1,374.600	819.310	819.060
fotovoltaic	0.000	21.544	21.544	13.691	15.719
Subtotal for Tulcea:	0.000	1,397.171	1,397.171	833.528	835.306
<b>Valcea</b>					
biogaz	0.000	0.240	0.240	0.000	0.000
biomasa	0.000	4.020	4.020	0.000	0.000
cogenerare	0.066	0.000	0.066	0.000	0.000
fotovoltaic	0.123	14.420	14.543	7.086	7.353
hidro	1.450	48.020	49.470	45.829	46.266
Subtotal for Valcea:	1.639	66.700	68.339	52.915	53.619
<b>Vaslui</b>					
biogaz	0.000	0.500	0.500	0.500	0.500
eolian	0.000	373.830	373.830	73.830	73.850

	Puteri din ATR (MW)	Puteri din CR (MW)	Puteri totale (MW)	Puteri cu PIF cf. emitenti (MW)	Puteri cu PIF cf.DEN (MW)
<b>fotovoltaic</b>	<b>0.000</b>	<b>0.025</b>	<b>0.025</b>	<b>0.005</b>	<b>0.000</b>
Subtotal for Vaslui:	0.000	374.355	374.355	74.335	74.350
<b>Vrancea</b>					
<b>centrala clasica</b>	<b>0.000</b>	<b>13.610</b>	<b>13.610</b>	<b>13.600</b>	<b>13.600</b>
<b>eolian</b>	<b>0.000</b>	<b>11.200</b>	<b>11.200</b>	<b>1.200</b>	<b>1.200</b>
<b>fotovoltaic</b>	<b>0.000</b>	<b>23.162</b>	<b>23.162</b>	<b>11.681</b>	<b>11.893</b>
Subtotal for Vrancea:	0.000	47.972	47.972	26.481	26.693
<b>Total:</b>	<b>576.341</b>	<b>10,040.998</b>	<b>10,617.365</b>	<b>6,329.857</b>	<b>6,358.797</b>

unde: ATR = aviz tehnic de racordare

CR = contract de racordare

\* Nota: PIF = punere in functiune

Datele prezentate sunt cele inregistrate dupa anul 2009, dupa aplicarea ordinului ANRE 59/2009.

In sectiunea hidro sunt inscrise doar microhidrocentralele aparute dupa anul 2009.

Valorile inscrise la coloanele "TOTAL(MW)", "Puteri din CR (MW)" respectiv "Puteri din ATR (MW) (pentru lucrarile pentru care nu a fost necesar contract de racordare) contin si valorile "Puteri cu PIF cf. emitenti (MW)" respectiv "Puteri cu PIF cf. DEN (MW)"