

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

16.08.17

	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	0.000	59.682	59.682	19.682	7.019
hidro	0.000	8.814	8.814	8.680	8.334
Subtotal for Alba:	2.830	77.248	80.078	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	38.775	38.775	32.434	33.976
hidro	0.000	0.320	0.320	0.320	0.380
Subtotal for Arad:	0.000	41.695	41.695	35.354	36.088
<b>Arges</b>					
biomasa	0.000	5.400	5.400	5.400	5.400
fotovoltaic	0.000	70.566	70.566	31.839	35.477
hidro	0.000	23.878	23.878	18.750	19.263
Subtotal for Arges:	0.000	99.844	99.844	55.989	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	18.250	0.535	18.785	17.813	17.772
Subtotal for Bacau:	18.250	81.231	99.481	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	150.000	150.000	150.000	201.000
eolian	0.000	21.500	21.500	11.500	15.000
fotovoltaic	0.287	87.799	88.086	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:	0.502	278.552	279.054	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>32.412</b>	<b>32.412</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	56.856	56.856	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>0.000</b>	<b>3.029</b>	<b>3.029</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:	0.000	16.459	16.459	16.459	17.229
<b>Braila</b>					
<b>centrala clasica</b>	<b>0.000</b>	<b>7.480</b>	<b>7.480</b>	<b>5.800</b>	<b>2.320</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>0.226</b>	<b>47.131</b>	<b>47.357</b>	<b>34.008</b>	<b>33.724</b>
Subtotal for Braila:	0.226	161.104	161.330	111.311	108.344
<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>0.539</b>	<b>286.968</b>	<b>287.507</b>	<b>115.935</b>	<b>101.935</b>
<b>hidro</b>	<b>0.395</b>	<b>15.059</b>	<b>15.454</b>	<b>15.402</b>	<b>15.762</b>
Subtotal for Brasov:	0.934	387.840	388.774	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>1.437</b>	<b>5.284</b>	<b>6.721</b>	<b>4.773</b>	<b>3.077</b>
Subtotal for Bucuresti:	1.437	37.548	38.985	34.237	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

	Puteri din ATR (MW)	Puteri din CR (MW)	Puteri totale (MW)	Puteri cu PIF cf. emitenti (MW)	Puteri cu PIF cf.DEN (MW)
<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	0.083	53.335	53.418	49.360	53.237
Subtotal for Calarasi:	0.083	60.698	60.781	55.395	59.952
<b>Caras-Severin</b>					
eolian	0.000	221.121	221.121	137.121	57.300
fotovoltaic	0.000	0.816	0.816	0.816	0.805
hidro	0.000	38.736	38.736	30.896	30.987
Subtotal for Caras-Severin:	0.000	260.673	260.673	168.833	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	0.521	92.263	92.784	60.117	59.226
hidro	0.000	13.012	13.012	9.489	9.748
Subtotal for Cluj:	0.521	129.653	130.174	84.101	80.689
<b>Constanta</b>					
biogaz	0.000	0.180	0.180	0.120	0.030
eolian	0.000	2,734.875	2,734.875	1,639.700	1,638.300
fotovoltaic	0.192	5.296	5.488	3.500	3.990
Subtotal for Constanta:	0.192	2,740.351	2,740.543	1,643.320	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	2.997	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>24.005</b>	<b>83.820</b>	<b>107.825</b>	<b>64.059</b>	<b>63.802</b>
<b>hidro</b>	<b>0.220</b>	<b>0.030</b>	<b>0.250</b>	<b>0.015</b>	<b>0.150</b>
Subtotal for Dambovita:	24.225	93.598	117.823	74.007	69.555
<b>Dolj</b>					
<b>fotovoltaic</b>	<b>2.186</b>	<b>113.199</b>	<b>115.385</b>	<b>70.948</b>	<b>76.471</b>
Subtotal for Dolj:	2.186	113.199	115.385	70.948	76.471
<b>Galati</b>					
<b>centrala clasica</b>	<b>1.860</b>	<b>0.000</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:	1.860	232.380	234.240	174.095	166.095
<b>Giurgiu</b>					
<b>biogaz</b>	<b>0.998</b>	<b>0.000</b>	<b>0.998</b>	<b>0.000</b>	<b>0.000</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>0.000</b>	<b>197.535</b>	<b>197.535</b>	<b>184.420</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:	0.998	226.525	227.523	212.707	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>42.282</b>	<b>0.000</b>	<b>42.282</b>	<b>0.000</b>	<b>0.000</b>
<b>fotovoltaic</b>	<b>0.000</b>	<b>39.874</b>	<b>39.874</b>	<b>30.443</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:	42.282	102.877	145.159	41.523	42.057
<b>Harghita</b>					
<b>biomasa</b>	<b>0.000</b>	<b>7.500</b>	<b>7.500</b>	<b>0.000</b>	<b>0.000</b>
<b>cogenerare</b>	<b>1.940</b>	<b>4.058</b>	<b>5.998</b>	<b>4.060</b>	<b>4.060</b>
<b>fotovoltaic</b>	<b>0.035</b>	<b>40.702</b>	<b>40.737</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:	1.975	69.265	71.240	24.402	25.594
<b>Hunedoara</b>					
<b>biomasa</b>	<b>0.280</b>	<b>1.105</b>	<b>1.385</b>	<b>0.000</b>	<b>0.000</b>

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<b>fotovoltaic</b>	<b>0.607</b>	<b>7.145</b>	<b>7.752</b>	<b>1.262</b>	<b>1.263</b>
<b>hidro</b>	<b>0.000</b>	<b>33.011</b>	<b>33.011</b>	<b>30.992</b>	<b>31.260</b>
Subtotal for Hunedoara:	0.887	41.261	42.148	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>0.000</b>	<b>29.697</b>	<b>29.697</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:	0.000	299.947	299.947	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>257.000</b>	<b>257.000</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	265.651	265.651	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>0.479</b>	<b>11.495</b>	<b>11.974</b>	<b>7.598</b>	<b>8.704</b>
Subtotal for Ilfov:	0.479	11.520	11.999	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>0.420</b>	<b>16.418</b>	<b>16.838</b>	<b>11.960</b>	<b>8.916</b>
<b>hidro</b>	<b>4.200</b>	<b>38.252</b>	<b>42.452</b>	<b>26.088</b>	<b>27.475</b>
Subtotal for Maramures:	4.620	54.985	59.605	38.363	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>40.182</b>	<b>40.182</b>	<b>25.914</b>	<b>29.841</b>
Subtotal for Mehedinti:	0.000	41.982	41.982	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>0.000</b>	<b>39.553</b>	<b>39.553</b>	<b>4.591</b>	<b>4.715</b>
Subtotal for Mures:	430.018	118.329	548.347	39.627	33.197

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<b>Neamt</b>					
biomasa	0.000	7.755	7.755	7.805	7.828
fotovoltaic	2.986	1.572	4.558	0.666	0.558
hidro	0.000	5.077	5.077	5.077	3.700
Subtotal for Neamt:	2.986	14.404	17.390	13.548	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	163.137	163.137	67.406	71.057
Subtotal for Olt:	0.000	167.136	167.136	70.406	73.017
<b>Prahova</b>					
biogaz	0.499	1.115	1.614	0.785	0.660
biomasa	0.000	1.000	1.000	1.000	1.063
centrala clasica	0.000	3.310	3.310	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	1.356	227.092	228.448	144.338	149.683
hidro	0.459	55.421	55.880	55.954	42.729
Subtotal for Prahova:	57.827	1,218.620	1,276.447	1,146.582	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	0.026	27.626	27.652	6.365	6.443
Subtotal for Salaj:	3.026	30.076	33.102	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	1.400	103.428	104.828	62.189	68.566
hidro	0.000	2.370	2.370	2.306	2.306
Subtotal for Satu Mare:	1.400	116.228	117.628	65.975	72.359
<b>Sibiu</b>					
cogenerare	0.950	0.200	1.150	1.150	0.950
fotovoltaic	0.940	81.691	82.631	42.457	43.741
hidro	0.000	51.094	51.094	45.149	47.035
Subtotal for Sibiu:	1.890	132.985	134.875	88.756	91.726

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<b>Suceava</b>					
biogaz	0.000	2.978	2.978	2.974	2.974
biomasa	0.000	57.825	57.825	57.365	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	0.024	0.646	0.670	0.635	0.514
hidro	0.000	4.765	4.765	4.765	5.043
Subtotal for Suceava:	0.024	68.014	68.038	67.539	69.696
<b>Teleorman</b>					
biogaz	0.000	1.449	1.449	0.450	0.250
cogenerare	0.000	31.150	31.150	26.650	50.450
fotovoltaic	0.000	114.403	114.403	37.015	26.941
Subtotal for Teleorman:	0.000	147.002	147.002	64.115	77.641
<b>Timis</b>					
biogaz	0.000	0.841	0.841	0.841	0.999
cogenerare	0.000	2.200	2.200	2.000	1.000
fotovoltaic	43.803	84.308	128.111	50.973	51.792
hidro	0.000	0.090	0.090	0.090	0.110
Subtotal for Timis:	43.803	87.439	131.242	53.904	53.901
<b>Tulcea</b>					
biogaz	0.000	1.027	1.027	0.527	0.527
eolian	0.000	1,392.600	1,392.600	829.310	829.060
fotovoltaic	0.377	21.167	21.544	13.691	15.719
Subtotal for Tulcea:	0.377	1,414.794	1,415.171	843.528	845.306
<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
fotovoltaic	0.274	14.346	14.620	6.857	7.353
hidro	1.450	48.020	49.470	45.829	46.266
Subtotal for Valcea:	1.724	66.626	68.350	52.686	53.619
<b>Vaslui</b>					
biogaz	0.000	0.500	0.500	0.500	0.500
eolian	0.000	375.830	375.830	73.830	73.850
fotovoltaic	0.000	0.025	0.025	0.005	0.000
Subtotal for Vaslui:	0.000	376.355	376.355	74.335	74.350

	Puteri din ATR (MW)	Puteri din CR (MW)	Puteri totale (MW)	Puteri cu PIF cf. emitenti (MW)	Puteri cu PIF cf.DEN (MW)
<b>Vrancea</b>					
centrala clasica	0.000	13.610	13.610	13.600	13.600
cogenerare	8.320	0.000	8.320	0.000	0.000
eolian	0.000	11.200	11.200	1.200	1.200
fotovoltaic	0.004	23.162	23.166	11.681	11.893
Subtotal for Vrancea:	8.324	47.972	56.296	26.481	26.693
Total:	655.961	10,198.815	10,854.776	6,353.311	6,295.613

unde: ATR = aviz tehnic de racordare

CR = contract de racordare

PIF = punere in functiune

\* Nota:

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)"