

Calculul tarifului la producerea energiei electrice, energiei termice și la apa de adaos de "TERMOELECTRICA" S.A. pentru anul 2016

Indicatori	Simbol	Unitate de măsură	Tarif mediu anual în vigoare din octombrie 2011 "TERMOELECTRICA" S.A.								Total producerea TERMOELECTRICA SA	Proiecte tarife pentru anul 2016 "TERMOELECTRICA" S.A.						Total producerea TERMOELECTRICA SA				
			energia electrică		Energia termică produsă				Total energia termică produsă			energia electrică		Energia termică produsă					Total energia termică produsă			
			total	bani/kWh	surse în cogenerare		CT		total	lei/Gcal		total	lei/Gcal	total	bani/kWh	surse în cogenerare			CT		total	lei/Gcal
					total	lei/Gcal	total	lei/Gcal								total	lei/Gcal		total	lei/Gcal		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
I. Producerea:																						
energie electrică	mii kWh	847.489								847.49	743.235								743.23			
energie termică	mii Gcal																					
inclusiv sub formă de : abur	mii Gcal																					
apa fierbinte	mii Gcal																					
apa de adaos	mii tone																					
2. Consumul propriu:										133.048									109.17			
energie electrică	mii kWh	133.048									109.172											
energie termică	mii Gcal																					
apă de adaos	mii tone																					
3. Livrarea:																						
energie electrică	mii kWh	714.441								714.441	634.062								634.06			
inclusiv: SP nr. 8	mii kWh										2.646								2.65			
Furnizare Energie Electrica	mii kWh										631.416								631.42			
energie termică de la colectoare	mii Gcal			1396.015		414.013		1801.464		1801.464			1213.159		396.16		1606.04		1606.04			
inclusiv sub formă de : abur	mii Gcal			8.564		0.0		0.0		8.564			3.278		0.0		0.0					
apă fierbinte	mii Gcal			1387.451		414.01		1801.464		1801.464			1209.881		396.16		1606.045		1606.04			
apa de adaos	mii tone																					
4. Consumul specific de combustibil																						
	g.c.e./kWh	312.07								312.07	306.23								306.23			
	kg.c.c./Gcal			126.91		156.25		134.26		134.26			124.57		156.93		132.81		132.81			
5. Structura combust.			100.0		100.0		100.0				100.0		100.0		100.0							
Păcură	%	0.5		0.6		0.0				6.6		6.5		0.0								
Gaze naturale	%	99.5		99.4		100.0				93.4		93.5		100.0								
6. Consum combustibil convențional -total (rd.4 xrd.3)																						
inclusiv: păcură	mii t.c.c	222953.2		177169.8		64689.5		241859.3		464812.4	194167.0		151123.2		62171.7		213294.9		407461.9			
gaze naturale	mii t.c.c	1222.4		985.6		0.0		985.6		2208.0	12830.29		9780.65		9780.65		9780.65		22610.94			
	mii t.c.c	221730.8		176184.2		64689.5		240873.7		462604.45	181336.7		141342.6		62171.67		203514.3		384850.98			
7. Coeficientul de transformare în combustibil natural																						
La păcură		1.3800		1.3800		0.0000		1.3800		1.3876		1.3876		0.0000		0.0000						
La gaze		1.156		1.156		1.1550		1.1559		1.17701		1.17685		1.1763		1.1767						
8. Consumul natural (rd 6: rd7)																						
Păcură	tone	885.8		714.2		0.0		714.2		1600.0	9246.39		7048.61		7048.6		7048.6		16295.00			
Gaze	mii m3	191.770		152.377		56.008		208.385		400.155	154.07		120.10		52.852		172.954		327.02			
9. Pretul de achiziție																						
Păcură	lei/tona	7292.53		7292.53		0		7292.53		7292.53	6898.75		6898.75		6898.75		6898.75		6898.75			
Gaze	lei/1000m3	4433.44		4436.34		4444.13		4438.43		4436.04	5153.78		5156.01		5173.28		5161.29		5157.75			
10. Coeficient PIB	GDP	%																	1.011			
11. Indicele pretului de consum	CPIM	%																	1.072			
12. Indicii de eficiența	Y1	%																	0.985			
	Y2	%																	0.985			
	Y3	%																	0.985			
	Y4	%																	0.980			
I. Consumuri directe de materiale - total	CM	mii lei	867494.5	121.42	697661.3	499.75	269373.86	650.64	967035.2	536.81	1834529.70	873272.6	137.73	686004.7	565.47	300664.94	758.94	986669.65	614.35	1859942.25		
din care: costul combustibilului utilizat -total (rd 8 x rd 9)	mii lei	856660.4	119.91	681204.0	487.96	248907.94	601.21	930111.9	516.31	1786772.33	857807.5	135.29	667877.9	550.53	273416.66	690.16	941294.6	586.09	1799102.1			
inclusiv: păcură	mii lei	6459.7	0.90	5208.3	3.73	0.00	0.00	5208.3	2.89	11668.05	63788.5	10.06	48626.6	40.08	0.00	48626.61	30.28	112415.13				
gazelor naturale	mii lei	850200.7	119.00	675995.6	484.23	248907.94	601.21	924903.6	513.42	1775104.28	794019.0	125.23	619251.3	510.45	273416.7	690.16	892668.0	555.82	1686687.0			
apei, canalizare	mii lei	5256.0	0.74	10991.6	7.87	834.73	2.02	11826.4	6.56	17082.34	4380.0	0.69	7880.0	6.50	1197.68	3.02	9077.63	5.65	13457.61			
reagentilor chimici	mii lei	4747.3	0.66	4709.5	3.37	317.60	0.77	5027.1	2.79	9774.44	7305.2	1.15	7303.9	6.02	1355.42	3.42	8659.27	5.39	15964.45			
energiei de toate tipurile	mii lei	830.8	0.12	756.2	0.54	19313.59	46.65	20069.8	11.14	20900.59	3779.9	0.60	2943.0	2.43	24695.19	62.34	27638.18	17.21	31418.10			
II. Uzura mijloacelor fixe	U	mii lei	34332.5	4.81	27329.4	19.58	6595.80	15.93	33925.2	18.83	68257.70	52540.6	8.29	40907.4	33.72	22613.82	57.08	63521.22	39.55	116061.77		
III. Consumuri si cheltuieli operationale reglementate	COR	mii lei	60356.9	8.45	51553.7	36.93	19029.70	45.96	70583.4	39.18	130940.27	65895.0	10.39	51305.01	42.29	22250.91	56.17	73555.91	45.80	139450.92		
1. Consumuri directe privind retribuirea muncii	CRM	mii lei	15193.0	2.13	14278.7	10.23	15379.24	37.15	29657.9	16.46	44850.89	16289.4	2.57	12682.7	10.45	7959.81	20.09	20642.54	12.85	36931.95		
2. Consumuri indirecte de productie - total	CIP	mii lei	36808.1	5.15	30267.9	21.68	3650.46	8.82	33918.3	18.83	70726.43	41332.1	6.52	32180.6	26.53	14291.10	36.07	46471.74	28.94	87803.83		
3. Cheltuieli comerciale	CC	mii lei	0.00		0.00		0.00	0.00	0.00	0.00	1489.5	0.23	1159.7	0.96	0.00	0.00	1159.69	0.72	2649.17			
4. Cheltuieli generale si administrative	CGA	mii lei	8355.8	1.17	7007.2	5.02	0.00	7007.2	3.89	15362.96	6784.0	1.07	5282.0	4.35	0.00	0.00	5281.95	3.29	12065.97			
IV. Alte cheltuieli operationale	CA	mii lei	6803.2	0.95	1748.1	1.25	174.96	0.42	1923.1	1.07	8726.33	8731.7	1.38	1252.8	1.03	257.87	0.65	1510.63	0.94	10242.36		
impozite si plati	mii lei	543.8	0.08	457.8	0.33	174.96	0.42	632.8	0.35	1176.56	1158.8	0.18	902.2	0.74	257.87	0.65	1160.11	0.72	2318.92			
Plata regulatoare	mii lei	432.5	0.06	323.0	0.23	0.00	0.00	323.0	0.18	755.50	442.5	0.07	344.6	0.28	0.00	344.56	0.21	787.11				
plata %pentru creditele bancare si imprumut	mii lei	113.1	0.02	84.4	0.06	0.00	0.00	84.4	0.05	197.50	7.7	0.00	6.0	0.00	0.00	5.96	0.00	13.63				
fondul de rulment	mii lei	5714.0	0.80	882.8	0.63	0.00	0.00	882.8	0.49	6596.78	7122.71	1.12	0.00	0.00	0.00	0.00	0.00	0.00	7122.71			
V. Costul total reglementat	CAO	mii lei	968987.1	135.63	778292.6	557.51	295174.32	712.96	1073466.9	595.89	2042454.00	1000439.9	157.78	779469.9	642.51	345787.5	872.84	1125257.4	700.64	2125697.30		
VI. Costul total reglementat fara fond de rulment	mii lei	963273.1	134.83	777409.8	556.88	295174.3	712.96	1072584.1	595.40	2035857.22	993317.18	156.66	779469.87	642.51	345787.5	872.84	1125257.4	700.64	2118574.59			
Costul energiei electrice SP-8 transmisa sursa distribuite	mii lei			0.00		0.00		0.00		0.00	6373.80	240.88					0.00	0.00	6373.80			
Costul producere abur	mii lei												2111.59	644.23			2111.6	1.31	2111.59			
VI. Total costul reglementat fara energia transmisa sursa distribuite	mii lei	968987.09	135.63	778292.59	557.51	295174.32	712.96	1073466.91	595													

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Cheltuieli la prepararea apei de adaos		mii lei			7681.0	5.50	1264.93	3.06	8946.0	4.97	8945.97			6085.9	5.02	2349.6	5.93	8435.5	5.25	8435.52
VI. Costul total reglementat fara apa de adaos	CAO	mii lei	968987.1	135.63	770611.6	552.01	293909.38	709.90	1064520.9	590.92	2033508.03	994066.1	157.43	771272.4	635.76	343437.9	866.91	1114710.3	694.07	2108776.4
Rata de rentabilitate		%														0.00				
Rentabilitatea activelor noi (investitiilor) in tariful anului n+1	Rn	mii lei	5280.0	0.74	4453.6	3.19			4453.6	2.47	9733.65	39720.5	6.29	30925.9	25.56	0.0	0.00	30925.85	19.26	70646.33
Rentabilitatea 5% cheltuieli proprii	Rc	mii lei	5353.5	0.75	4259.5	3.05			4259.5	2.36	9613.02	6593.9	1.04	4999.2	4.13	3441.2	8.69	8440.39	5.26	15034.32
VII. Rentabilitatea sau pierderi total	R	mii lei	10633.6	1.49	8713.1	6.24	0.00	0.00	8713.1	4.84	19346.66	46314.4	7.34	35925.1	29.69	3441.2	8.69	39366.25	24.51	85680.65
VIII. Venitul total reglementat suma VI+VII	VRT	mii lei	979620.7	137.12	779324.6	558.25	293909.38	709.90	1073234.0	595.76	2052854.69	1040380.5	164.77	807197.5	667.17	346879.1	875.60	1154076.6	718.58	2194457.05
IX. Devieri financiare perioada precedenta	Desv	mii lei	5689.6	0.80	-29608.3	-21.21	0.00	0.00	-29608.3	-16.44	-23918.67	93056.6	14.74	0.0	0.00	0.00	0.00	0.00	0.00	93056.61
Deviere financiare 2010		mii lei	-39939.1	-5.59	-29608.3	-21.21			-29608.3	-16.44	-69547.41			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Deviere financiare 2006 2007		mii lei	45628.7	6.39	0.0	0.00			0.00	0.00	45628.74			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Deviere financiare anul 2011 (venit -, pierderi +)		mii lei	0.00	0.00	0.00				0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Deviere financiare anul 2012 (venit -, pierderi +)		mii lei	0.00	0.00	0.00				0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Deviere financiare anul 2013 (venit -, pierderi +)		mii lei	0.00	0.00	0.00				0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Deviere financiare anul 2014 (venit -, pierderi +)		mii lei	0.00	0.00	0.00				0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Deviere financiare anul 2015 (venit -, pierderi +)		mii lei										93056.6	14.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00
X. Venitul total reglementat cu devieri financiare, egal cu suma VIII si IX	VRT	mii lei	985310.3	137.91	749716.4	537.04	293909.38	709.90	1043625.8	579.32	2028936.02	1133437.1	179.51	807197.5	667.17	346879.1	875.60	1154076.6	718.58	2287513.66
la o unitate		bani/kWh, lei/Gcal	137.91		537.04		709.90		579.32		179.51		667.17		875.60		718.58			
XI. Venitul total reglementat calculat (costul total reglementat + rentabilitatea (profitul) reglementata -I-I), fara apa de adaos, energia electrica SP-8	VRT	mii lei	985310.3	137.91	741003.3	530.80	293909.38	709.90	1034912.7	574.48	2020222.93	1133437.1	179.51	771272.4	637.48	343437.9	866.91	1114710.31	694.07	2248147.41
Tarifal la producerea energiei electrice, tariful la producerea energiei termice	To	bani/kWh, lei/Gcal	137.91						574.48				179.51							
XII. Rentabilitatea la energia termica produsa la CET	R	mii lei			8713.1	6.24			8713.1	4.84	8713.10			35925.1	29.69	3441.2	8.69	39366.25	24.51	39366.25
Venturi efective anul 2015 de la realizarea energiei electrice		mii lei																		
Totalizare																				
Costul total reglementat	CRT	mii lei	968987.1	135.63	778292.6	557.51	295174.3	712.96	1073466.9	595.89	2042454.0	994066.1	156.78	777358.3	640.77	345787.5	872.84	1123145.8	699.32	2117211.9
Cheltuieli la prepararea apei de adaos		mii lei			7681.0	5.50	1264.9	3.06	8946.0	4.97	8946.0			6085.9	5.02	2349.6	5.93	8435.5	5.25	8435.52
I. Cheltuieli operationale reglementate total fara apa de adaos	COR	mii lei	968987.1	135.63	770611.6	552.01	293909.4	709.90	1064520.9	590.92	2033508.0	994066.1	156.78	771272.4	635.76	343437.9	866.91	1114710.3	694.07	2108776.4
din care:																				0.00
Consumuri directe de materiale - total	CM	mii lei	867494.54	121.42	697661.30	499.75	269373.86	650.64	967035.16	536.81	1834529.70	873272.60	137.73	686004.71	565.47	300664.94	758.94	98669.65	614.35	1859942.25
inclusiv:																				0.00
costul combustibilului		mii lei	856660.41	119.91	681203.97	487.96	248907.94	601.21	930111.91	516.31	1786772.33	857807.53	135.29	667877.91	550.53	273416.66	690.16	941294.57	586.09	1799102.09
apa tehnologica		mii lei	5255.97	0.74	10991.65	7.87	834.73	2.02	11826.38	6.56	17082.34	4379.98	0.69	7879.95	6.50	1197.68	3.02	9077.63	5.65	13457.61
reagenti chimici		mii lei	4747.34	0.66	4709.49	3.37	317.60	0.77	5027.09	2.79	9774.44	7305.17	1.15	7303.85	6.02	1355.42	3.42	8659.27	5.39	15964.45
energia electrica procurata		mii lei	830.81	0.12	756.19	0.54	19313.59	46.65	20069.78	11.14	20900.59	3779.92	0.60	2942.99	2.43	24695.19	62.34	27638.18	17.21	31418.10
Umura mijloacelor fixe	U	mii lei	34332.46	4.81	27329.44	19.58	6595.80	15.93	33925.24	18.83	68257.70	52540.55	8.29	40907.40	33.72	22613.82	57.08	63521.22	39.55	116061.77
Cheltuielile operationale reglementate -total		mii lei	67160.10	9.40	53301.85	38.18	19204.65	46.39	72506.51	40.25	139666.60	74626.73	11.77	52557.77	43.32	22508.78	56.82	75066.55	46.74	149693.28
inclusiv costuri de baza- total		mii lei	60356.86	8.45	51553.72	36.93	19029.70	45.96	70583.41	39.18	130940.27	65895.01	10.39	51305.01	42.29	22250.91	56.17	73555.91	45.80	139450.92
Consumuri directe privind retribuirea muncii	CRMo	mii lei	15192.97	2.13	14278.68	10.23	15379.24	37.15	29657.92	16.46	44850.89	16289.41	2.57	12682.73	10.45	7959.81	20.09	20642.54	12.85	36931.95
Consumuri indirecte de productie - total	CIPo	mii lei	36808.09	5.15	30267.88	21.68	3650.46	8.82	33918.34	18.83	70726.43	41332.10	6.52	32180.64	26.53	14291.10	36.07	46471.74	28.94	87803.83
Cheltuieli comerciale	CCo	mii lei	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1489.48	0.23	1159.69	0.96	0.00	0.00	1159.69	0.72	2649.17
Cheltuieli generale si administrative	CGAo	mii lei	8355.80	1.17	7007.16	5.02	0.00	0.00	7007.16	3.89	15362.96	6784.02	1.07	5281.95	4.35	0.00	0.00	5281.95	3.29	12065.97
Alte cheltuieli operationale	CA	mii lei	6803.24	0.95	1748.14	1.25	174.96	0.42	1923.09	1.07	8726.33	8731.73	1.38	1252.76	1.03	257.87	0.65	1510.63	0.94	10242.36
II. Rentabilitatea total	R	mii lei	10633.57	1.49	8713.10	6.24	0.00	0.00	8713.10	4.84	19346.66	46314.41	7.34	35925.07	29.69	3441.18	8.69	39366.25	24.51	85680.65
III. Venitul total reglementat	CAO	mii lei	979620.66	137.12	779324.65	558.25	293909.38	709.90	1073234.03	595.76	2052854.69	1040380.49	164.77	807197.46	667.17	346879.1	875.60	1154076.56	718.58	2194457.05
III. Devieri financiare perioada precedenta	Desv	mii lei	5689.60	0.80	-29608.27	-21.21	0.00	0.00	-29608.27	-16.44	-23918.67	93056.61	14.74	0.00	0.00	0.00	0.00	0.00	0.00	93056.61
IV. Venitul total reglementat cu devieri financiare	VRT	mii lei	985310.26	137.91	749716.38	537.04	293909.38	709.90	1043625.76	579.32	2028936.02	1133437.10	179.51	807197.46	667.17	346879.1	875.60	1154076.56	718.58	2287513.66
XI. Venitul total reglementat calculat (costul total reglementat + rentabilitatea (profitul) reglementata -I-II), fara apa de adaos, energia electrica SP-8	VRT	mii lei	985310.26	137.91	741003.28	530.80	293909.38	709.90	1034912.67	574.48	2009589.36	1133437.10	179.51	771272.39	637.48	343437.9	866.91	1114710.31	694.07	2