

SUPPLEMENTAL INVESTOR INFORMATION

Third Quarter 2014

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NOTE:

The financial data and statistics in this document reflect the financial position and operating results of Great Plains Energy, its electric utility segment and Kansas City Power & Light Company (KCP&L) and KCP&L Greater Missouri Operations Company (GMO), its utility subsidiaries, through September 30, 2014. Please refer to our Quarterly Report on Form 10-Q for unaudited financial statements. This document has been prepared primarily for security analysts and investors in the hope that it will serve as a convenient and useful reference document. The format of this document may change in the future as we continue to try to meet the needs of security analysts and investors. This document is not intended for use in connection with any sale, offer to sell, or solicitation of any offer to buy securities.

Consolidated Statements of Income

(Unaudited)

					Year t Septen			
Operating Revenues		-	nilli	ons, except p	er sh	-	te)	2013
Electric revenues	\$	782.5	\$	765.0		2,016.0		1 907 5
Operating Expenses	Ψ	702.5	Ψ	705.0	Ψ	2,010.0	Ψ	1,707.5
Fuel		142.3		156.6		392.9		410.0
Purchased power		61.2		25.7		185.7		99.4
Transmission		19.3		13.6		55.6		37.9
Utility operating and maintenance expenses		164.1		170.2		528.2		491.8
Depreciation and amortization		76.6		73.3		226.7		216.1
General taxes		55.8		53.4		159.2		149.3
Other		-		0.5		2.4		1.6
Total		519.3		493.3		1,550.7		1,406.1
Operating income		263.2		271.7		465.3		501.4
Non-operating income		5.4		4.4		18.8		11.3
Non-operating expenses		(2.8)		(2.1)		(9.8)		(5.6)
Interest charges		(43.6)		(48.9)		(141.3)		(148.0)
Income before income tax expense and income (loss) from				· /		/		<u> </u>
equity investments		222.2		225.1		333.0		359.1
Income tax expense		(74.7)		(81.8)		(109.8)		(126.0)
Income (loss) from equity investments, net of income taxes		(0.1)		(0.2)		0.1		(0.4)
Net income		147.4		143.1		223.3		232.7
Preferred stock dividend requirements		0.4		0.4		1.2		1.2
Earnings available for common shareholders	\$	147.0	\$	142.7	\$	222.1	\$	231.5
Average number of basic common shares outstanding		153.9		153.6		153.8		153.5
Average number of diluted common shares outstanding		154.3		153.8		155.0		153.7
Basic earnings per common share	\$	0.96	\$	0.93	\$	1.44	\$	1.51
Diluted earnings per common share	\$	0.95	\$	0.93	\$		\$	1.51
Cash dividends per common share	\$	0.23	\$	0.2175	\$	0.69	\$	0.6525

Consolidated Balance Sheets

(Unaudited)

(Unaudited)		
	September 30	December 31
	2014	2013
ASSETS	(millions, excep	t share amounts)
Current Assets		
Cash and cash equivalents	\$ 12.8	\$ 10.6
Funds on deposit	1.0	0.8
Receivables, net	233.6	162.2
Accounts receivable pledged as collateral	171.0	175.0
Fuel inventories, at average cost	53.1	76.4
Materials and supplies, at average cost	150.6	152.3
Deferred refueling outage costs	13.7	29.5
Refundable income taxes	4.3	10.5
Deferred income taxes	78.6	80.3
Assets held for sale	-	36.2
Prepaid expenses and other assets	34.1	33.2
Total	752.8	767.0
Utility Plant, at Original Cost		
Electric	12,036.5	11,575.3
Less - accumulated depreciation	4,789.0	4,628.4
Net utility plant in service	7,247.5	6,946.9
Construction work in progress	789.5	736.7
Nuclear fuel, net of amortization of \$179.6 and \$161.4	85.8	62.8
Total	8,122.8	7,746.4
Investments and Other Assets		
Nuclear decommissioning trust fund	193.2	183.9
Regulatory assets	857.1	849.7
Goodwill	169.0	169.0
Other	79.8	79.4
Total	1,299.1	1,282.0
Total	\$ 10,174.7	\$ 9,795.4

Consolidated Balance Sheets

(Unauc	lited)
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(Unaudited)		
	September 30 2014	December 31 2013
LIABILITIES AND CAPITALIZATION		t share amounts)
Current Liabilities	(minions, excep	t share amounts)
Notes payable	\$ -	\$ 9.0
Collateralized note payable	171.0	¢ 9.0
Commercial paper	225.0	108.2
Current maturities of long-term debt	15.1	1.1
Accounts payable	290.8	327.4
Accrued taxes	114.4	29.7
Accrued interest	56.8	45.4
Accrued compensation and benefits	36.7	47.3
Pension and post-retirement liability	3.2	3.2
Other	24.1	23.5
Total	937.1	769.8
Deferred Credits and Other Liabilities	,,,,,,	70710
Deferred income taxes	1,085.6	964.8
Deferred tax credits	126.4	127.4
Asset retirement obligations	190.0	158.8
Pension and post-retirement liability	340.1	360.5
Regulatory liabilities	279.8	264.0
Other	85.2	121.0
Total	2,107.1	1,996.5
Capitalization	,	,
Great Plains Energy common shareholders' equity		
Common stock - 250,000,000 shares authorized without par value		
154,209,862 and 153,995,621 shares issued, stated value	2,637.6	2,631.1
Retained earnings	986.6	871.4
Treasury stock - 95,387 and 129,290 shares, at cost	(2.4)	(2.8)
Accumulated other comprehensive loss	(18.4)	(25.3)
Total	3,603.4	3,474.4
Cumulative preferred stock \$100 par value		
3.80% - 100,000 shares issued	10.0	10.0
4.50% - 100,000 shares issued	10.0	10.0
4.20% - 70,000 shares issued	7.0	7.0
4.35% - 120,000 shares issued	12.0	12.0
Total	39.0	39.0
Long-term debt	3,488.1	3,515.7
Total	7,130.5	7,029.1
Commitments and Contingencies	•	
Total	\$ 10,174.7	\$ 9,795.4

Consolidated Statements of Cash Flows

(Unaudited)

Year to Date September 30	2014	2013
Cash Flows from Operating Activities	(milli	ions)
Net income	\$ 223.3	\$ 232.7
Adjustments to reconcile income to net cash from operating activities:		
Depreciation and amortization	226.7	216.1
Amortization of:		
Nuclear fuel	18.2	15.3
Other	36.4	43.4
Deferred income taxes, net	120.3	126.7
Investment tax credit amortization	(1.0)	(1.3)
(Income) loss from equity investments, net of income taxes	(0.1)	0.4
Other operating activities	(61.8)	(50.1)
Net cash from operating activities	562.0	583.2
Cash Flows from Investing Activities		
Utility capital expenditures	(553.3)	(486.2)
Allowance for borrowed funds used during construction	(10.0)	(8.0)
Purchases of nuclear decommissioning trust investments	(21.9)	(62.3)
Proceeds from nuclear decommissioning trust investments	19.4	59.8
Proceeds from sale of transmission assets	37.7	-
Other investing activities	(16.3)	(15.1)
Net cash from investing activities	(544.4)	(511.8)
Cash Flows from Financing Activities		
Issuance of common stock	3.7	3.8
Issuance of long-term debt	-	762.5
Issuance fees	-	(6.7)
Repayment of long-term debt	(13.4)	(259.3)
Net change in short-term borrowings	107.8	(483.1)
Net change in collateralized short-term borrowings	(4.0)	16.0
Dividends paid	(107.5)	(101.5)
Other financing activities	(2.0)	(1.5)
Net cash from financing activities	(15.4)	(69.8)
Net Change in Cash and Cash Equivalents	2.2	1.6
Cash and Cash Equivalents at Beginning of Year	10.6	9.3
Cash and Cash Equivalents at End of Period	\$ 12.8	\$ 10.9

Great Plains Energy Incorporated Electric Utility Segment (Unaudited)

Electric Utility Results

	Fhree Mor Septen			te 30			
	2014		2013		2014		2013
	(mill	ions)			(mill	ions)	
Operating revenues	\$ 782.5	\$	765.0	\$	2,016.0	\$	1,907.5
Fuel	(142.3)		(156.6)		(392.9)		(410.0)
Purchased power	(61.2)		(25.7)		(185.7)		(99.4)
Transmission	(19.3)		(13.6)		(55.6)		(37.9)
Gross margin (a)	 559.7		569.1		1,381.8		1,360.2
Other operating expenses	(218.9)		(223.5)		(687.0)		(640.7)
Depreciation and amortization	(76.6)		(73.3)		(226.7)		(216.1)
Operating income	 264.2		272.3		468.1		503.4
Non-operating income and expenses	2.0		3.4		9.7		7.1
Interest charges	(44.9)		(46.7)		(137.9)		(141.9)
Income tax expense	(81.0)		(83.6)		(118.8)		(130.1)
Net income	\$ 140.3	\$	145.4	\$	221.1	\$	238.5

Electric Utility Gross Margin

	Revenues	and	Costs	%	MWhs	Sold	%
Three Months Ended September 30	2014		2013	Change	2014	2013	Change
Retail revenues	(mill	lions)			(thousa	nds)	
Residential	\$ 319.7	\$	345.2	(7)	2,509	2,737	(8)
Commercial	288.4		285.2	1	2,913	2,905	-
Industrial	62.8		61.4	2	831	813	2
Other retail revenues	5.0		5.0	-	28	28	1
Kansas property tax surcharge	1.3		(0.2)	N/M	N/A	N/A	N/A
MEEIA	8.6		4.0	N/M	N/A	N/A	N/A
Fuel recovery mechanisms	12.0		5.3	N/M	N/A	N/A	N/A
Total retail	 697.8		705.9	(1)	6,281	6,483	(3)
Wholesale revenues	72.6		48.1	51	2,711	1,829	48
Other revenues	12.1		11.0	9	N/A	N/A	N/A
Operating revenues	782.5		765.0	2	8,992	8,312	8
Fuel	(142.3)		(156.6)	(9)			
Purchased power	(61.2)		(25.7)	139			
Transmission	(19.3)		(13.6)	42			
Gross margin (a)	\$ 559.7	\$	569.1	(2)			

	Revenues	and Co	osts	%	MWhs	%	
Year to Date September 30	2014		013	Change	2014	2013	Change
Retail revenues	(mil	lions)			(thousa	nds)	
Residential	\$ 793.4	\$	796.9	-	6,964	6,959	-
Commercial	756.0		745.7	1	8,238	8,095	2
Industrial	169.5		163.9	3	2,419	2,331	4
Other retail revenues	15.0		15.5	(3)	86	88	(2
Kansas property tax surcharge	3.0		(0.2)	N/M	N/A	N/A	N/A
Provision for rate refund					N/A	N/A	N/A
MEEIA	16.8		8.6	N/M	N/A	N/A	N/A
Fuel recovery mechanisms	41.2		19.4	N/M	N/A	N/A	N/A
Total retail	 1,794.9	1	,749.8	3	17,707	17,473	1
Wholesale revenues	183.2		121.1	51	6,093	4,460	37
Other revenues	37.9		36.6	3	N/A	N/A	N/A
Operating revenues	2,016.0	1,	,907.5	6	23,800	21,933	9
Fuel	(392.9)		(410.0)	(4)			
Purchased power	(185.7)		(99.4)	87			
Transmission	(55.6)		(37.9)	47			
Gross margin (a)	\$ 1,381.8	\$ 1.	,360.2	2			

^(a) Gross margin is a financial measure that is not calculated in accordance with generally accepted accounting principles (GAAP). Gross margin, as used by Great Plains Energy, is defined as operating revenues less fuel, purchased power and transmission. The Company's expense for fuel, purchased power and transmission, offset by wholesale sales margin, is subject to recovery through cost adjustment mechanisms, except for KCP&L's Missouri retail operations. As a result, operating revenues rease or decrease in relation to a significant portion of these expenses. Management believes that gross margin provides a more meaningful basis for evaluating the Electric Utility segment's operations across periods than operating revenues because gross margin excludes the revenue effect of fluctuations in these expenses. Gross margin is used internally to measure performance against budget and in reports to management and the Board of Directors. The Company's definition of gross margin may differ from similar terms used by other companies.

Electric Utility Generation

	Three Mont	hs Ended		Year to	Date	
	September 30		%	Septemb	oer 30	%
	2014	2013	Change	2014	2013	Change
Net MWhs Generated by Fuel Type	(thousa	nds)		(thousa	nds)	
Coal	6,087	6,696	(9)	16,630	17,287	(4)
Nuclear	1,242	967	28	2,769	2,259	23
Natural gas and oil	71	192	(63)	219	283	(23)
Wind	113	128	(11)	364	358	2
Total Generation	7,513	7,983	(6)	19,982	20,187	(1)

Electric Utility Customers at September 30, 2014	
Residential	735,300
Commercial	98,100

Industrial	2,300
Other	400
Total retail customers	836,100

Electric Utility Statistics

	Three Months Ended September 30						Year to Date September 30					
		2014			2013			2014			2013	
Average non-firm wholesale price per MWh	\$	28.61		\$	24.05		\$	30.16		\$	25.61	
Average purchased power price per MWh	\$	33.51		\$	29.10		\$	36.32		\$	30.72	
Purchased power MWhs	1,719,996			5	765,391		4,669,648		2,924,200		24,200	
Cooling degree days		814			936			1,252			1,317	
Heating degree days		67			19			3,659			3,383	
Equivalent availability - coal plants		87	%		93	%		79	%		82	9
Capacity factor - coal plants		62	%		65	%		62	%		63	9
Equivalent availability - nuclear		100	%		80	%		76	%		64	9
Capacity factor - nuclear		100	%		80	%		77	%		63	9
Equivalent availability - coal and nuclear		89	%		91	%		79	%		79	9
Capacity factor - coal and nuclear		67	%		67	%		64	%		63	

Kansas City Power & Light Company (Unaudited)

KCP&L Results

	Three Months Ended September 30					Year to Da September		
	2014		2013		2014		2013	
	(mill	ions)			(mill	ions)		
Operating revenues	\$ 533.4	\$	522.0	\$	1,363.9	\$	1,299.5	
Fuel	(107.2)		(111.5)		(289.0)		(292.0)	
Purchased power	(27.4)		(10.9)		(86.8)		(48.6)	
Transmission	(12.5)		(9.1)		(35.1)		(25.9)	
Gross margin (a)	386.3		390.5		953.0		933.0	
Other operating expenses	(155.7)		(163.5)		(492.4)		(463.1)	
Depreciation and amortization	(53.4)		(50.2)		(157.7)		(147.4)	
Operating income	 177.2		176.8		302.9		322.5	
Non-operating income and expenses	1.7		3.7		9.3		7.6	
Interest charges	(31.1)		(31.0)		(92.8)		(94.5)	
Income tax expense	(53.3)		(53.1)		(72.9)		(78.8)	
Net income	\$ 94.5	\$	96.4	\$	146.5	\$	156.8	

KCP&L Gross Margin

	Revenues	and (Costs	%	MWhs	Sold	%
Three Months Ended September 30	2014		2013	Change	2014	2013	Change
Retail revenues	(mil	lions)			(thousa		
Residential	\$ 203.3	\$	220.4	(8)	1,560	1,711	(9)
Commercial	206.2		203.2	1	2,039	2,028	1
Industrial	37.6		36.5	3	477	466	2
Other retail revenues	3.0		3.3	(4)	21	21	(1)
Kansas property tax surcharge	1.3		(0.2)	N/M	N/A	N/A	N/A
MEEIA	3.7		-	N/M	N/A	N/A	N/A
Fuel recovery mechanism	3.7		(0.1)	N/M	N/A	N/A	N/A
Total retail	 458.8		463.1	(1)	4,097	4,226	(3)
Wholesale revenues	70.1		54.5	29	2,621	1,987	32
Other revenues	4.5		4.4	1	N/A	N/A	N/A
Operating revenues	533.4		522.0	2	6,718	6,213	8
Fuel	(107.2)		(111.5)	(4)			
Purchased power	(27.4)		(10.9)	151			
Transmission	(12.5)		(9.1)	38			
Gross margin (a)	\$ 386.3	\$	390.5	(1)			

	Revenues	and (Costs	%	MWhs	Sold	%
Year to Date September 30	2014 2013			Change	2014	2013	Change
Retail revenues	(mil	lions)			(thousa		
Residential	\$ 494.8	\$	498.8	(1)	4,200	4,224	(1)
Commercial	547.1		538.5	2	5,777	5,664	2
Industrial	102.6		98.1	5	1,395	1,328	5
Other retail revenues	9.2		9.8	(5)	63	65	(3)
Kansas property tax surcharge	3.0		(0.2)	N/M	N/A	N/A	N/A
MEEIA	3.7		-	N/M	N/A	N/A	N/A
Fuel recovery mechanism	4.8		7.4	(35)	N/A	N/A	N/A
Total retail	 1,165.2		1,152.4	1	11,435	11,281	1
Wholesale revenues	185.2		134.2	38	6,168	4,850	27
Other revenues	13.5		12.9	4	N/A	N/A	N/A
Operating revenues	1,363.9		1,299.5	5	17,603	16,131	9
Fuel	(289.0)		(292.0)	(1)			
Purchased power	(86.8)		(48.6)	79			
Transmission	(35.1)		(25.9)	35			
Gross margin (a)	\$ 953.0	\$	933.0	2			

^(a) Gross margin is a financial measure that is not calculated in accordance with generally accepted accounting principles (GAAP). Gro margin, as used by Great Plains Energy, is defined as operating revenues less fuel, purchased power and transmission. KCP&L's expens for fuel, purchased power and transmission, offset by wholesale sales margin, is subject to recovery through cost adjustment mechanism except for KCP&L's Missouri retail operations. As a result, operating revenues increase or decrease in relation to a significant portion c these expenses. Management believes that gross margin excludes the revenue effect of fluctuations in these expenses. Gross margin is use internally to measure performance against budget and in reports to management and the Board of Directors. The Company's definition or gross margin may differ from similar terms used by other companie:

KCP&L Generation

	Three Mont Septemb	%	Year to Septemb	%		
	2014	2014 2013		2014	2013	Change
Net MWhs Generated by Fuel Type	(thousa	nds)				
Coal	4,696	4,994	(6)	12,867	12,841	-
Nuclear	1,242	967	28	2,769	2,259	23
Natural gas and oil	52	103	(49)	105	177	(41)
Wind	113	128	(11)	364	358	2
Total Generation	6,103			16,105	15,635	3

KCP&L Customers at September 30, 2014	
Residential	458,000
Commercial	59,200
Industrial	2,000
Other	100
Total retail customers	519,300

KCP&L Statistics

	Three Months Ended September 30									r to Date ember 30		
		2014			2013			2014			2013	
Average non-firm wholesale price per MWI	\$	28.51		\$	25.48		\$	30.07		\$	26.36	
Average purchased power price per MWł	\$	34.33		\$	34.28		\$	37.07		\$	37.35	
Purchased power - MWh		765,515		1	293,969		2,	029,479		1,2	219,565	
Cooling degree days		814			936			1,252			1,317	
Heating degree days		67			19			3,659			3,383	
Equivalent availability - coal plants		88	%		92	%		80	%		81	%
Capacity factor - coal plants		65	%		66	%		66	%		64	%
Equivalent availability - nuclea		100	%		80	%		76	%		64	%
Capacity factor - nuclear		100	%		80	%		77	%		63	%

KCP&L Greater Missouri Operations Company (GMO) Utility Operations (Unaudited)

GMO Utility Results

	Three Mor	ths E	nded		Year t	o Dat	e	
	September 30					iber 3	30	
	2014		2013		2014		2013	
	(mill	ions)						
Operating revenues	\$ 250.7	\$	252.6	\$	664.7	\$	627.6	
Fuel	(35.1)		(45.1)		(103.9)		(118.0)	
Purchased power	(35.4)		(24.4)		(111.5)		(70.4)	
Transmission	 (6.8)		(4.5)		(20.5)		(12.0)	
Gross margin ^(a)	173.4		178.6		428.8		427.2	
Other operating expenses	(63.2)		(60.0)		(194.6)		(177.6)	
Depreciation and amortization	(23.2)		(23.1)		(69.0)		(68.7)	
Operating income	 87.0		95.5		165.2		180.9	
Non-operating income and expenses	0.3		(0.3)		0.4		(0.5)	
Interest charges	(13.8)		(15.7)		(45.1)		(47.4)	
Income tax expense	(27.7)		(30.5)		(45.9)		(51.3)	
Net income	\$ 45.8	\$	49.0	\$	74.6	\$	81.7	

GMO Utility Gross Margin

	Revenues	and C	osts	%	MWhs	Sold	%	
Three Months Ended September 30	2014	2	2013	Change	2014	2013	Change	
Retail revenues	(mill	ions)			(thousa			
Residential	\$ 116.4	\$	124.8	(7)	949	1,026	(8)	
Commercial	82.2		82.0	-	874	877	-	
Industrial	25.2		24.9	2	354	347	2	
Other retail revenues	2.0		1.7	8	7	7	7	
MEEIA	4.9		4.0	21	N/A	N/A	N/A	
Fuel recovery mechanism	8.3		5.4	54	N/A	N/A	N/A	
Total retail	 239.0		242.8	(2)	2,184	2,257	(3)	
Wholesale revenues	4.1		3.2	29	91	90	1	
Other revenues	7.6		6.6	15	N/A	N/A	N/A	
Operating revenues	250.7		252.6	(1)	2,275	2,347	(3)	
Fuel	(35.1)		(45.1)	(22)				
Purchased power	(35.4)		(24.4)	45				
Transmission	(6.8)		(4.5)	50				
Gross margin (a)	\$ 173.4	\$	178.6	(3)				

	Revenues	and C	osts	%	MWhs	Sold	%
Year to Date September 30	2014	2	2013	Change	2014	2013	Change
Retail revenues	(mill	ions)			(thousa		
Residential	\$ 298.6	\$	298.1	-	2,764	2,735	1
Commercial	208.9		207.2	1	2,461	2,431	1
Industrial	66.9		65.8	2	1,024	1,003	2
Other retail revenues	5.8		5.7	2	23	23	2
Provision for rate refund	-		-		N/A	N/A	
MEEIA	13.1		8.6	52	N/A	N/A	N/A
Fuel recovery mechanism	36.4		12.0	N/M	N/A	N/A	N/A
Total retail	 629.7		597.4	5	6,272	6,192	1
Wholesale revenues	10.6		6.5	64	207	200	3
Other revenues	24.4		23.7	3	N/A	N/A	N/A
Operating revenues	664.7		627.6	6	6,479	6,392	1
Fuel	(103.9)		(118.0)	(12)			
Purchased power	(111.5)		(70.4)	58			
Transmission	(20.5)		(12.0)	71			
Gross margin ^(a)	\$ 128.8	ŝ	427.2	-			

^(a) Gross margin is a financial measure that is not calculated in accordance with generally accepted accounting principles (GAAP). Gross margin, as used by Great Plains Energy, is defined as operating revenues less fuel, purchased power and transmission. GMO's expense for fuel, purchased power and transmission, offset by wholesale sales margin, is subject to recovery through cost adjustment mechanisms. As a result, operating revenues increase or decrease in relation to a significant portion of these expenses. Management believes that gross margin provides a more meaningful basis for evaluating GMO's operations a rangement of the provides of the provides a more meaningful basis for evaluating GMO's operations across periods than operating revenues because gross margin excludes the revenue effect of fluctuations in these expenses. Gross margin is used internally to measure performance against budget and in reports to management and the Board of Directors. The Company's definition of gross margin may differ from similar terms used by other companies.

GMO Generation

Residential

	Three Mont	hs Ended		Year to	Date	
	Septemb	%	Septemb	%		
	2014	2013	Change	2014	2013	Change
Net MWhs Generated by Fuel Type	(thousa	nds)		(thousa	nds)	
Coal	1,391	1,702	(18)	3,763	4,446	(15)
Natural gas and oil	19	89	(79)	114	106	8
Total Generation	1,410	1,410 1,791		3,877	4,552	(15)

GMO Utility Customers at September 30, 2014

Commercial 38,900 Industrial 300 300 Other

Total retail customers 316,800

GMO Utility Statistics

			onths Ended ember 30			Year to D September						
		2014			2013			2014			2013	
Average non-firm wholesale price per MWh	\$	30.10		\$	34.53		\$	31.88		\$	30.85	
Average purchased power price per MWh	\$	32.59		\$	30.37		\$	35.41		\$	27.85	
Purchased power - MWh	954,855			718,540			2,921,684			2,2	294,178	
Cooling degree days		814			936			1,252			1,317	
Heating degree days		67			19			3,659			3,383	
Equivalent availability - coal plants		85	%		95	%		77	%		85	%
Capacity factor - coal plants		52	%		62	%		52	%		61	%

277.300