

Market Update

Equity

Ukraine's local stock market was unable to rebound for a second straight session on Thursday (Sept 11), sliding in the afternoon on concerns regarding the country's energy security. Deputy Prime Minister Volodymir Groysman estimated the country's likely shortfalls of coal and natural gas at 5.0mn tonnes and 5.0bn cubic meters respectively for the upcoming winter season. The UX index dropped by 1.0% to close at 1111 points. CentrEnergO (CEEN UK) lost 2.4% after the company acknowledged that it has suspended production at one of its three power plants due to lack of coal. Meanwhile, DonbasEnergO (DOEN UK) was unaffected by its peer's troubles, closing essentially unchanged. Volume leader UkrNafta (UNAF UK) shed 1.7% to UAH 315 on turnover of UAH 3.6mn. London-listed MHP (MHPC LI) edged up 0.8% to USD 12.00 while Ferrexpo (FXPO LN) lost 2.4%. In Warsaw, Ukrainian stocks were lower across the board with Astarta (AST PW) retreating by 4.1%, Kernel (KER PW) falling 2.7%, and Agroton (AGT PW) losing 2.3%. In Frankfurt, Mriya (MAYA GR) was down 4.7% to EUR 1.81.

Fixed Income

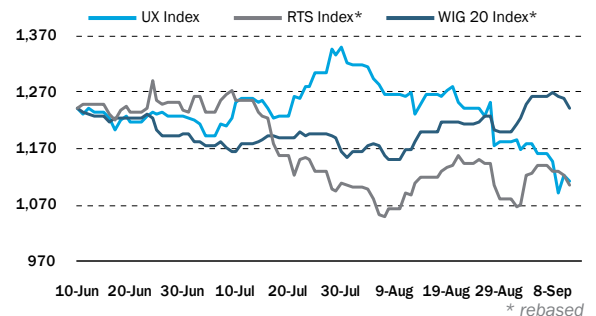
Ukrainian sovereigns rose on Thursday on the back of improving situation in Donbass. Ukraine-23s added 3.9p.p. closing at 85.9/87.4 (10.0%/9.7%) and Ukraine-17s increased by 1.9p.p. to 88.0/90.0 (12.0%/11.1%). The Corporate universe were also higher. DTEK-18s were up by 2.5p.p. to 64.5/66.5 (23.0%/21.9%) and MHP-20s inched up by 0.2p.p. closing at 84.7/86.8 (12.1%/11.5%).

Highlights

STOCKS IN THE NEWS

- > CentrEnergO Halts Production at Zuevska TPP Due to Coal Shortage

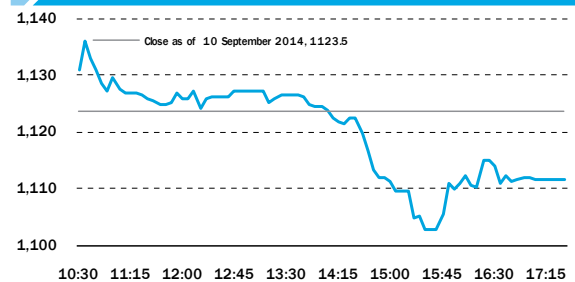
STOCK MARKET PERFORMANCE



MARKET INDEXES

	Last	1D ch	1M ch	YTD
UX	1111.8	-1.0%	-11.9%	22.2%
RTS	1217.9	-1.7%	1.2%	-15.6%
WIG20	2501.6	-1.4%	6.4%	4.2%
MSCI EM	1069.4	-0.5%	0.8%	6.7%
S&P 500	1997.5	0.1%	3.1%	8.5%

UX INTRADAY SEPTEMBER 11, 2014



FIXED INCOME

	Last	1D ch	1M ch	YTD
EMBI+Global	305.7	-0.5%	-3.4%	-7.6%
CDS 5Y UKR	1031.5	-2.3%	5.8%	25.7%
Ukraine-17	11.0%	-0.8 p.p.	1.5 p.p.	1.9 p.p.
Naftogaz Ukr-14	42.9%	-7.4 p.p.	10.4 p.p.	34.1 p.p.
Ukraine-23	9.8%	-0.8 p.p.	0.6 p.p.	2.3 p.p.
Privatbank-16	36.5%	0.1 p.p.	4.7 p.p.	16.1 p.p.

CURRENCY

	Last, UAH	1D ch	1M ch	YTD
USD	12.98	0.6%	1.2%	57.5%
EUR	16.77	0.7%	-2.3%	47.5%
RUB	0.35	1.8%	-3.2%	37.6%

COMMODITIES

	Last	1D ch	1M ch	YTD
Wheat, USD/t*	227.5	0.0%	-5.4%	-20.8%
Steel, USD/t	542.0	0.0%	2.3%	0.8%
Oil, USD/bbl	98.1	0.0%	-6.9%	-11.8%
Gold, USD/oz	1240.9	-0.7%	-5.2%	3.7%

*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

CentrEnergO Halts Production at Zuevska TPP Due to Coal Shortage

by Dmitry Churin
d.churin@eavex.com.ua

CENTRENERGO (CEEN UK)

Price: UAH 7.48 Market Cap: USD 213mn

	P/B	EV/S	P/E	EV/EBITDA	Div. Yield
2013	0.7	0.3	3.6	3.0	8.4%
2014E	0.7	0.4	10.2	6.4	2.9%

NEWS

Government-controlled CentrEnergO, Ukraine's second largest thermal generation company, has been forced to suspend operations at its Zuevska thermal power plant (TPP) located in Kharkiv province until at least the end of September, the company said on its official website on Thursday (Sept 11). The main reason for the suspension is a shortage of coal in storage facilities. CentrEnergO said it intends to resume electricity output at the plant once its coal inventories reach a sufficient level for smooth operation in the winter season. CentrEnergO has already asked the National Electricity Regulatory Commission (NERC) to raise tariffs for electricity produced at its Tripilskia and Uglegorsk TPPs to compensate for the losses incurred by fixed costs at Zuevska.

COMMENTARY

The coal shortage is due to persistent interruptions of output at mines located in the separatist-controlled territory of far southeastern Ukraine. Although this news is clearly negative for CentrEnergO, the full impact from the suspension of production at Zuevska will be clear only after the government (via the NERC commission) makes a decision regarding tariffs. CentrEnergO earned UAH 77mn in net profit in 1H14, down sharply from UAH 428mn in 1H13; the company has also seen some problems at its Uglegorsk plant, which was damaged by a fire last year and is located on the perimeter of the Donbass conflict zone. We forecasted that CentrEnergO will earn UAH 175mn in 2H14, but the current war-induced shortage of coal on the domestic market is hitting margins in the sector. Deputy Prime Minister Volodymyr Groysman told journalists that the coal deficit in Ukraine for 2014 is expected to be some 5mn tonnes. This implies that domestic coal consumers will have to pay about USD 500mn for imported coal through year-end, a large enough figure to negatively influence the country's overall balance of payments and put additional pressure on the hryvnia.

EAVEX RECOMMENDATIONS

Name	Ticker	Price, per share	Target price, per share	Upside, %	Rating	Commentary
Steel&Pipes						
Azovstal	AZST	0.69	0.56	-19%	SELL	Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.
Iron Ore						
Ferrexpo	FXPO LN	127.2	108.0	-15%	SELL	Ferrexpo's lower production cost due to UAH devaluation in 2014 together with a 8% increase in output will not be sufficient to offset a projected 13% drop in the group's achieved iron ore pricing.
Pivnichny GOK	SGOK	8.20	U/R	--	U/R	On its EGM on 14 Feb 2014, SGOK's shareholders approved additional issue of 14.75mn of new shares implying 0.64% of the company's share capital.
Centralny GOK	CGOK	6.27	U/R	--	U/R	On its EGM on 19 Feb 2014, CGOK's shareholders made a decision on additional issue of 14.73mn of new shares implying 1.26% of the company's share capital.
Coke						
Avdyivka Coke	AVDK	2.38	U/R	--	Susp.	Avdyivka Coke was forced to shut down operations amid military conflict in the region.
Yasynivsky Coke	YASK	0.50	U/R	--	U/R	Yasynivsky Coke reported net loss of UAH 22mn for FY13 which was the first negative bottom line since 2004.
Coal						
Pokrovske Mine	SHCHZ	0.49	2.9	502%	BUY	We expect Pokrovske Mine to double its coking coal extraction to 9.5mn tonnes over 2010-15.
Railcar Manufacturing						
Krukiv Wagon	KVBZ	15.9	U/R	--	U/R	
LuganskTeplovoz	LTPL	1.00	U/R	--	U/R	LuganskTeplovoz was forced to shut down operations amid military conflict in the region.
Specialized Machinery						
Motor Sich	MSICH	2250	5250	133%	BUY	Motor Sich should see its sales grow with a 2012-2016E CAGR of 9%, reaching USD 1.2bn. For 2012-2016, we forecast an average EBITDA margin of 35% and a net margin of 28%.
Turboatom	TATM	5.00	8.9	78%	BUY	We model Turboatom's revenue as increasing at 18% CAGR over 2012-2015. Deliveries of hydro and steam turbines to export markets will remain the company's key revenue drivers.
Oil & Gas						
Concern Galnaftogaz	GLNG	0.15	0.24	60%	BUY	Galnaftogaz is pursuing a plan to aggressively expand its filling station network.
Regal Petroleum	RPT	7.8	U/R	--	U/R	We assume that Regal will be able to produce 5,200 boepd in 2014, generating USD 116mn in sales.
JKX Oil & Gas	JKX	44.0	U/R	--	U/R	The launch of extraction at JKX's Russian gas field has lifted output, but the company's higher-margin Ukrainian operations continue to lag behind expectations.
Power Utilities						
DonbasEnergO	DOEN	28.5	72.0	152%	BUY	DonbasEnergO is expected to continue practice of 30% dividend payout in a medium term.
CenterEnergO	CEEN	7.49	15.00	100%	BUY	CenterEnergO's privatization has been postponed, but the company retains a strong fundamental value due to its large installed electricity generation capacity.
Consumer						
MHP	MHPC	12.0	15.65	30%	BUY	The company is set to reach full capacity utilisation at its greenfield Vinnytsia project in late 2014 on the back of favorable export and domestic markets demand for its poultry.
Astarta	AST	37.2	90.0	142%	BUY	Astarta's business leans on three pillars: sugar beet cultivation/processing, grain cultivation, and cattle farming. With sugar prices depressed since 2011, a favorable market for grain should continue to drive the company's profitability.
AvangardCo	AVGR	8.3	8.93	8%	HOLD	The company's FY14 results will be hit by the hryvnia devaluation, while next year's likely elimination of the special VAT regime for large agro producers bodes poorly for FY15 earnings.
Ovostar Union	OVO	70.0	58.74	-16%	SELL	Ovostar is one of the hardest-hit Ukrainian public companies from this year's UAH devaluation as some 70% of its production cost is linked to USD while only 7% of revenue earned in hard currency. Capacity expansion project for 2014-16 will likely be delayed, according to the management.
Banks						
Raiffeisen Bank Aval	BAVL	0.132	0.24	82%	BUY	We base our valuation on an assumption of the bank's fair value at 0.9x of its book value, the level at which Italian lender Intesa Sanpaolo sold its Ukrainian subsidiary in early 2014.

Source: Eavex Research

PRICES AND QUOTES

Name	Ticker	Today, UAH*	52 high, UAH*	52 low, UAH*	Absolute performance				Performance relative to the UX index			
					1d	1w	1m	ytd	1d	1w	1m	ytd
UX Index	UX	1111.75	1368.76	799.72	-1.0%	-5.6%	-11.9%	22.2%	0.0%	0.0%	0.0%	0.0%
Steel												
Alchevsk Steel	ALMK	0.030	0.06	0.02	-1.6%	-6.6%	-17.6%	-22.9%	-0.6%	-1.0%	-5.8%	-45.1%
Azovstal	AZST	0.69	0.95	0.35	0.3%	-11.4%	-24.5%	3.0%	1.3%	-5.8%	-12.7%	-19.2%
Dniprospezstal	DNSS	175	n/a	n/a	0.0%	-30.0%	-30.0%	-86.5%	1.0%	-24.4%	-18.1%	-108.7%
Enakievo Steel	ENMZ	28.9	65.0	17.0	-2.0%	-15.8%	-33.8%	-9.9%	-1.0%	-10.2%	-21.9%	-32.0%
Arcelor Mittal KR	KSTL	4.00	n/a	n/a	0.0%	0.0%	0.0%	247.8%	1.0%	5.6%	11.9%	225.7%
Mariupol Ilyicha	MMKI	0.10	n/a	n/a	0.0%	0.0%	-9.1%	0.0%	1.0%	5.6%	2.8%	-22.2%
Coke												
Avdyivka Coke	AVDK	2.38	4.80	1.46	-1.5%	-11.6%	-23.1%	-19.5%	-0.4%	-6.0%	-11.2%	-41.6%
Yasnyivsky Coking	YASK	0.50	0.84	0.30	0.0%	-5.7%	-33.3%	-5.7%	1.0%	-0.1%	-21.5%	-27.8%
Iron Ore Mining												
Centralny GOK	CGOK	6.27	n/a	n/a	0.0%	-8.5%	-3.5%	-3.5%	1.0%	-2.9%	8.3%	-25.7%
Ferrexpo	FXPO	127.2	199.0	121.8	-2.2%	-4.6%	-6.7%	-33.4%	-1.1%	1.0%	5.2%	-55.6%
Pivnichny GOK	SGOK	8.20	9.80	4.50	0.0%	1.2%	2.5%	2.5%	1.0%	6.8%	14.4%	-19.7%
Coal Mining												
Pokrovske Mine	SHCHZ	0.49	0.79	0.10	0.0%	-2.0%	-24.6%	22.5%	1.0%	3.6%	-12.8%	0.3%
Komsomolets Donbasa	SHKD	0.52	n/a	n/a	4.0%	-30.7%	-35.0%	-16.1%	5.0%	-25.1%	-23.1%	-38.3%
Energy Coal	CLE	1.05	2.86	0.55	-3.7%	23.5%	11.7%	0.0%	-2.6%	29.1%	23.6%	-22.2%
Mining Machinery												
Svitlo Shakhtara	HMBZ	0.30	n/a	n/a	0.0%	0.0%	0.0%	-34.8%	1.0%	5.6%	11.9%	-56.9%
Pipe Manufacturing												
Khartsyzk Pipe	HRTR	0.53	1.01	0.30	0.0%	-3.6%	-24.3%	-11.7%	1.0%	2.0%	-12.4%	-33.8%
Interpipe NMPP	NVTR	0.35	n/a	n/a	0.0%	0.0%	16.7%	66.7%	1.0%	5.6%	28.5%	44.5%
Railcar Manufacturing												
Kryukiv Wagon	KVBZ	15.9	26.0	10.0	-2.6%	1.1%	-6.8%	-8.2%	-1.5%	6.8%	5.0%	-30.4%
Luhanskeplovoz	LTPL	1.00	1.80	0.85	-1.0%	-2.0%	-4.8%	-33.3%	0.1%	3.6%	7.1%	-55.5%
Stakhanov Wagon	SVGZ	0.56	n/a	n/a	-25.3%	-44.0%	-47.7%	-56.9%	-24.3%	-38.4%	-35.8%	-79.1%
Specialized Machinery												
Bogdan Motors	LUAZ	0.05	0.08	0.02	5.2%	-2.5%	2.0%	75.1%	6.3%	3.1%	13.8%	52.9%
Motor Sich	MSICH	2,250	2,879	1,303	-0.7%	-2.3%	-2.8%	23.4%	0.3%	3.3%	9.0%	1.2%
Summy Frunze Engineering	SMASH	3.01	n/a	n/a	-5.6%	0.3%	0.3%	20.4%	-4.6%	5.9%	12.2%	-1.8%
Turboatom	TATM	4.50	n/a	n/a	0.0%	-13.5%	-12.6%	28.6%	1.0%	-7.9%	-0.8%	6.4%
WESTA ISIC	WES	0.29	0.80	0.21	0.0%	7.4%	-3.3%	-27.5%	1.0%	13.0%	8.5%	-49.7%
Telecom												
Ukrtelecom	UTLM	0.18	0.20	0.09	-2.7%	-10.0%	0.8%	63.6%	-1.7%	-4.4%	12.7%	41.5%
Oil & Gas												
Regal Petroleum	RPT	7.75	16.63	4.88	1.6%	17.0%	42.2%	-39.2%	2.7%	22.6%	54.1%	-61.4%
JKX Oil	JKX	44.00	75.00	36.00	-1.1%	-3.8%	17.3%	-38.7%	-0.1%	1.8%	29.2%	-60.8%
Ukrnafta	UNAF	315	370	54	-1.8%	-1.6%	3.6%	190.1%	-0.8%	4.0%	15.5%	167.9%
Power Utilities												
Centrenerg	CEEN	7.49	8.70	2.50	-2.4%	-3.7%	-5.1%	57.0%	-1.3%	1.9%	6.8%	34.9%
Donbasenergo	DOEN	28.5	50.2	11.0	0.1%	-12.6%	-28.5%	3.4%	1.2%	-7.0%	-16.6%	-18.8%
Zakhidenergo	ZAEN	129.0	157.0	64.0	0.0%	-0.8%	-13.4%	42.7%	1.0%	4.8%	-1.6%	20.5%
Consumer												
Agroton	AGT	2.13	5.5	1.79	-1.8%	-4.1%	-4.9%	9.2%	-0.8%	1.6%	6.9%	-12.9%
Astarta	AST	37.2	73.7	34.4	-4.1%	-3.6%	1.4%	-44.4%	-3.1%	2.0%	13.2%	-66.6%
Avangardo	AVGR	8.3	13.0	8.20	1.0%	-1.4%	-2.0%	-29.5%	2.1%	4.2%	9.8%	-51.7%
Industrial Milk Company	IMC	8.36	15.50	7.60	0.0%	0.1%	-1.5%	-31.2%	1.0%	5.7%	10.3%	-53.4%
Kernel	KER	25.0	53.9	23.2	-2.9%	-1.2%	-9.1%	-34.5%	-1.8%	4.4%	2.7%	-56.6%
Mriya Agro Holding	MAYA	1.81	6.0	1.44	-4.7%	0.0%	-22.9%	-66.5%	-3.6%	5.6%	-11.1%	-88.6%
MHPC	MHPC	12.0	18.5	10.91	0.8%	0.0%	0.0%	-29.5%	1.9%	5.6%	11.9%	-51.6%
Milkiland	MLK	4.70	14.2	4.16	-1.3%	-5.8%	-10.5%	-62.4%	-0.2%	-0.2%	1.4%	-84.6%
Ovostar Union	OVO	70.0	103.0	59.4	0.0%	-0.7%	0.0%	-30.0%	1.0%	4.9%	11.9%	-52.2%
Sintal	SNPS	n/a	-	-	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
MCB Agricole	4GW1	n/a	-	-	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Chemicals												
Stirol	STIR	12.2	n/a	n/a	0.0%	17.8%	10.9%	-2.4%	1.0%	23.4%	22.8%	-24.6%
Banks												
Raiffeisen Bank Aval	BAVL	0.132	0.190	0.085	-0.7%	-1.9%	-7.4%	16.5%	0.4%	3.8%	4.5%	-5.7%
UkrSotsbank	USCB	0.154	0.257	0.090	0.0%	-8.8%	-13.2%	-18.0%	1.0%	-3.2%	-1.4%	-40.1%

Source: Bloomberg

* companies listed abroad are in traded currency

MAIN FINANCIAL FORECASTS, USD mn

Name	Ticker	Net Sales			EBITDA			EBITDA margin			Net Profit			Net Profit margin		
		2012	2013	2014E	2012	2013	2014E	2012	2013	2014E	2012	2013	2014E	2012	2013	2014E
Steel																
Alchevsk Steel	ALMK	1,783	1,729	1,730	-5	-62	-14	neg	neg	neg	-127	-214	-35	neg	neg	neg
Enakievo Steel	ENMZ	1,578	1,531	1,561	-84	22	33	neg	1.5%	2.1%	9	-185	-29	0.5%	neg	neg
Azovstal	AZST	2,814	1,926	1,976	-181	-31	35	neg	neg	1.8%	-333	-308	-24	neg	neg	neg
Coke																
Avdyivka Coke	AVDK	1,090	914	784	-112	46	29	neg	5.0%	3.8%	-137	-6	-24	neg	neg	neg
Yasynivsky Coking	YASK	432	367	333	27	29	19	6.4%	7.8%	5.7%	8	-3	5	1.9%	neg	1.4%
Iron Ore Mining																
Centralny GOK	CGOK	610	679	634	232	312	279	38.0%	46.0%	44.1%	95	194	163	15.6%	28.6%	25.7%
Pivnichny GOK	SGOK	1,416	1,630	1,506	750	914	816	53.0%	56.1%	54.2%	436	548	460	30.8%	33.7%	30.5%
Ferrexpo	FXPO	1,424	1,581	1,449	402	506	492	28.2%	32.0%	33.9%	216	264	277	15.1%	16.7%	19.1%
Coal Mining																
Komsomolets Donbasa	SHKD	273	220	234	125	92	94	45.9%	41.8%	40.1%	7	17	17	2.6%	7.6%	7.3%
Coal Energy	CLE	165	126	101	63	21	9	38.0%	16.8%	8.9%	38	-17	-24	23.2%	neg	neg
Pipe Manufacturing																
Khartsyzk Pipe	HRTR	480	310	271	52	31	26	10.8%	10.1%	9.5%	34	5	4	7.0%	1.5%	1.5%
Railcar Manufacturing																
Luhanskteplovoz	LTPL	216	329	367	29	36	38	13.4%	10.8%	10.4%	5	19	23	2.2%	5.9%	6.1%
Kryukiv Wagon	KVBZ	891	462	142	135	50	13	15.2%	10.9%	9.4%	95	42	-4	10.7%	9.0%	neg
Stakhanov Wagon	SVGZ	311	172	150	7	6	5	2.3%	3.4%	3.6%	1	1	0	0.2%	0.3%	0.3%
Specialized Machinery																
Turboatom	TATM	160	214	196	51	90	73	32.2%	42.1%	37.3%	38	72	65	23.8%	33.5%	33.0%
Motor Sich	MSICH	979	1,000	950	309	274	260	31.6%	27.4%	27.4%	200	169	188	20.4%	16.9%	19.7%
Telecom																
Ukrtelecom	UTLM	838	791	611	206	190	174	24.5%	24.0%	28.5%	45	17	26	5.4%	2.2%	4.3%
Oil & Gas																
Ukrnafta	UNAF	2,554	2,589	2,543	454	286	323	17.8%	11.1%	12.7%	176	23	161	6.9%	0.9%	6.3%
Regal Petroleum	RPT	41	37	45	21	-146	26	52.2%	neg	57.0%	12	-127	2	28.3%	neg	4.4%
JKX Oil	JKX	203	181	199	136	66	68	67.1%	36.7%	34.3%	-11	7	8	neg	3.6%	3.9%
Electric Utilities																
Centrenergo	CEEN	1,119	915	714	69	94	44	6.2%	10.3%	6.1%	29	60	21	2.6%	6.5%	2.9%
Donbasenergo	DOEN	574	656	512	32	72	45	5.6%	11.0%	8.8%	4	65	40	0.7%	9.9%	7.8%
Consumer																
MHP	MHPC	1,408	1,496	1,306	468	391	479	33.2%	26.1%	36.7%	311	162	-44	22.1%	10.8%	neg
Kernel	KER	2,157	2,797	2,480	322	291	175	14.9%	10.4%	7.1%	211	105	47	9.8%	3.8%	1.9%
Astarta	AST	456	491	559	110	91	138	20.2%	15.5%	20.5%	58	34	82	10.6%	5.8%	12.2%
Avangardco	AVGR	629	661	594	280	301	234	44.5%	45.6%	39.5%	228	238	164	36.3%	36.0%	27.6%
Agroton	AGT	88	81	90	20	8	3	23.2%	9.2%	3.9%	7	-6	-1	7.7%	neg	neg
Banks																
		Total Assets			Total Equity			Total Income			Net Profit			Return on Equity		
Raiffeisen Bank Aval	BAVL	5,962	5,333	3,966	793	888	610	679	723	460	4	90	-40	0.5%	10.1%	-6.6%
Ukrspasbank	USCB	4,854	5,283	3,777	957	1,064	775	451	318	400	1	1	15	0.1%	0.1%	2.0%

Source: Eavex Research

MAIN TRADING MULTIPLES

Ticker	MCap USD mn	Free Float % USD mn	EV USD mn	P/E			EV/EBITDA			EV/Sales			EV/Output			Units		
				2012	2013	2014E	2012	2013	2014E	2012	2013	2014E	2012	2013	2013E			
Steel																		
Alchevsk Steel	ALMK	59	3.9%	2	1,408	neg	neg	neg	neg	neg	neg	0.8	0.8	0.8	364	339	329	\$/tonne
Yenakievo Steel	ENMZ	23	8.8%	2	20	2.7	neg	neg	neg	0.9	0.6	0.0	0.0	0.0	7	7	7	\$/tonne
Azovstal	AZST	224	3.0%	7	208	neg	neg	neg	neg	neg	5.9	0.1	0.1	0.1	45	46	46	\$/tonne
Coke																		
Avdyivka Coke	AVDK	36	6.8%	2	33	neg	neg	neg	neg	0.7	1.1	0.0	0.0	0.0	8	9	9	\$/tonne
Yasynivsky Coke	YASK	11	9.0%	1	11	1.3	neg	2.2	0.4	0.4	0.6	0.0	0.0	0.0	0.4	0.4	0.6	\$/tonne
Iron Ore Mining																		
Centralny GOK	CGOK	566	0.3%	1	565	6.0	2.9	3.5	2.4	1.8	2.0	0.9	0.8	0.9				
Pivnichny GOK	SGOK	1,456	0.4%	6	1,450	3.3	2.7	3.2	1.9	1.6	1.8	1.0	0.9	1.0				
Ferrexpo	FXPO	1,210	24.0%	290	1,889	5.6	4.6	4.4	4.7	3.7	3.8	1.3	1.2	1.3				
Coal Mining																		
Komsomolets Donbasa	SHKD	13	5.4%	1	115	1.9	0.8	0.8	0.9	1.3	1.2	0.4	0.5	0.5	28	27	26	\$/tonne
Coal Energy	CLE	48	25.0%	12	158	1.2	neg	neg	2.5	7.5	17.5	1.0	1.3	1.6	2.5	7.5	17.5	\$/tonne
Pipe Manufacturing																		
Khartsyzk Pipe	HRTR	106	2.0%	2	152	3.2	22.6	25.9	2.9	4.9	5.9	0.3	0.5	0.6	241	400	380	\$/tonne
Railcar Manufacturing																		
LuganskTeplovoz	LTPL	17	24.0%	4	54	3.5	0.9	0.7	1.9	1.5	1.4	0.2	0.2	0.1				
Kruiiv Wagon	KVBZ	140	5.0%	7	130	1.5	3.4	neg	1.0	2.6	9.7	0.1	0.3	0.9				
Stakhanov Wagon	SVGZ	10	8.0%	1	42	16.6	18.4	21.1	5.9	7.2	7.8	0.1	0.2	0.3				
Specialized Machinery																		
Turboatom	TATM	114	5.8%	7	54	3.0	1.6	1.8	1.0	0.6	0.7	0.3	0.3	0.3				
Motor Sich	MSICH	360	24.0%	86	352	1.8	2.1	1.9	1.1	1.3	1.4	0.4	0.4	0.4				
Telecom																		
Ukrtelecom	UTLM	260	7.2%	19	563	5.7	15.2	9.9	2.7	3.0	3.2	0.7	0.7	0.9				
Oil & Gas																		
Ukrnafta	UNAF	1,317	3.0%	39	1,308	7.5	>30	8.2	2.9	4.6	4.0	0.5	0.5	0.5	n/a	n/a	n/a	\$/boe
Regal Petroleum	RPT	40	21.6%	9	15	3.5	neg	20.2	0.7	neg	0.6	0.4	0.4	0.3	n/a	n/a	n/a	\$/boe
JKX Oil & Gas	JKX	123	50.4%	62	231	neg	18.9	15.7	1.7	3.5	3.4	1.1	1.3	1.2	42	32	31	\$/boe
Electric Utilities																		
CentrEnergO	CEEN	213	21.7%	46	282	7.4	3.6	10.2	4.1	3.0	6.4	0.3	0.3	0.4	16	20	18	\$/MWh
DonbasEnergO	DOEN	52	14.2%	7	117	13.6	0.8	1.3	3.7	1.6	2.6	0.2	0.2	0.2	14	15	14	\$/MWh
Consumer																		
MHP	MHPC	1,268	34.1%	432	2,396	4.1	7.8	neg	5.1	6.1	5.0	1.7	1.6	1.8				
Kernel	KER	613	61.8%	378	1,319	2.9	5.8	13.0	4.1	4.5	7.5	0.6	0.5	0.5				
Astarta	AST	287	37.0%	106	608	4.9	8.4	3.5	5.5	6.7	4.4	1.3	1.2	1.1				
Avangardco	AVGR	529	22.5%	119	635	2.3	2.2	3.2	2.3	2.1	2.7	1.0	1.0	1.1	144	109	103	\$/mneggs
Agroton	AGT	14	26.2%	4	63	2.1	neg	neg	3.1	8.4	18.2	0.7	0.8	0.7	n/a	n/a	n/a	
Banks																		
Raiffeisen Bank Aval	BAVL	306	3.5%	11		>30	3.4	neg	0.4	0.3	0.5	0.05	0.06	0.08				
Ukrsotsbank	USCB	218	1.0%	2		>30	>30	21.1	0.3	0.2	0.3	0.07	0.06	0.08				

Source: Eavex Research

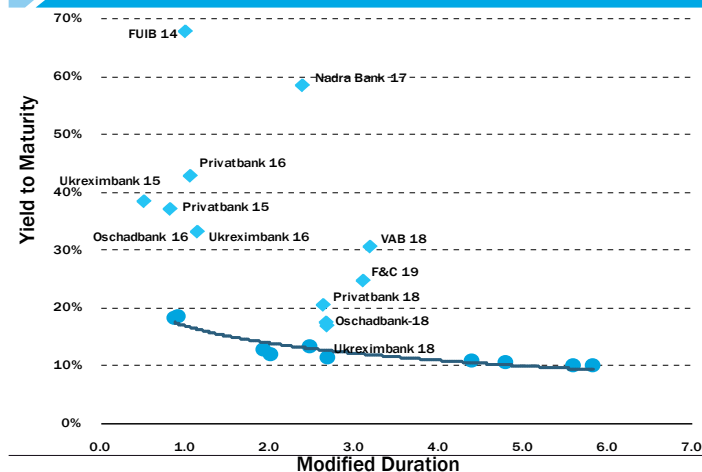
UKRAINIAN EUROBONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Price chg. (YTD)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume USD mn	Ratings ¹
Sovereign Eurobonds											
Naftogaz Ukraine, 2014	98.3	99.1	53.0%	32.8%	-1.8%	0.0	9.50%	S/A	30 Sept 2014	1,595	//
Ukraine, 2015 (EUR)	92.0	94.0	15.8%	13.0%	-3.2%	0.9	4.95%	A	13 Oct 2015	600*	Caa3/CCC/CCC
Ukraine, 2015	94.1	95.8	16.3%	13.7%	-2.8%	0.9	6.875%	S/A	23 Sept 2015	500	Caa3/CCC/CCC
Ukraine, 2016	89.5	91.5	13.2%	11.9%	-3.8%	1.9	6.58%	S/A	21 Nov 2016	1,000	Caa3/CCC/CCC
Ukraine, 2016-2	89.8	91.8	12.2%	11.0%	-3.7%	2.0	6.25%	S/A	17 Jun 2016	1,250	Caa3/CCC/CCC
Ukraine, 2017	88.0	90.0	12.0%	11.1%	-4.0%	2.6	6.75%	S/A	14 Nov 2017	700	Caa3/CCC/CCC
Ukraine, 2017-2	92.6	94.3	13.3%	12.4%	-5.8%	2.4	9.25%	S/A	24 Jul 2017	2,000	Caa3/CCC/CCC
Ukraine, 2017 Infr. projects	94.0	95.5	12.0%	11.3%	14.7%	2.6	8.375%	S/A	3 Nov 2017	568	Caa3//
Ukraine, 2018 Infr. projects	84.8	86.8	14.3%	13.4%	9.3%	2.9	7.40%	S/A	20 Apr 2018	690	Caa3//
Ukraine, 2020	89.4	90.9	10.6%	10.2%	-3.2%	4.4	7.75%	S/A	23 Sept 2020	1,500	Caa3/CCC/CCC
Ukraine, 2021	89.7	90.7	10.4%	10.2%	-3.8%	4.8	7.95%	S/A	23 Feb 2021	1,500	Caa3/CCC/CCC
Ukraine, 2022	87.5	89.5	10.2%	9.8%	-2.9%	5.6	7.80%	S/A	28 Nov 2022	1,250	Caa3/CCC/CCC
Ukraine, 2023	85.9	87.4	10.0%	9.7%	-4.2%	5.8	7.50%	S/A	17 Apr 2023	1,250	Caa3/CCC/CCC
Corporate Eurobonds											
Agroton, 2019	30.0	35.1	79.2%	62.5%	-37.6%	1.7	8.00%	S/A	14 Jul 2019	50	//RD
MHP, 2015	97.0	98.0	15.5%	13.7%	-5.8%	0.6	10.25%	S/A	29 Apr 2015	235	Caa2//CCC
MHP, 2020	84.7	86.8	12.1%	11.5%	-4.1%	4.1	8.25%	S/A	2 Apr 2020	750	/CCC/CCC
Avangardco, 2015	87.0	89.0	34.9%	30.5%	-10.2%	0.9	10.00%	S/A	29 Oct 2015	200	/CCC/
UkrLandFarming, 2018	76.9	78.0	20.4%	19.9%	-14.2%	2.5	10.88%	S/A	26 Mar 2018	275	/CCC/CCC
Mriya, 2016	30.0	37.0	143.7%	114.4%	-66.6%	na	10.95%	S/A	30 Mar 2016	72	/SD/C
Mriya, 2018	30.0	37.0	64.2%	52.7%	-61.5%	1.9	9.45%	S/A	19 Apr 2018	400	/SD/C
DTEK, 2015	74.9	75.1	64.9%	64.2%	-26.6%	0.4	9.50%	S/A	28 Apr 2015	200	Caa2//CCC
DTEK, 2018	64.5	66.5	23.0%	21.9%	-30.5%	2.6	7.88%	S/A	4 Apr 2018	750	Caa2//CCC
Metinvest, 2015	78.5	80.5	51.5%	46.8%	-22.4%	0.5	10.25%	S/A	20 May 2015	500	Caa2//CCC
Metinvest, 2018	66.1	71.0	26.1%	22.8%	-27.9%	2.5	8.75%	S/A	14 Feb 2018	750	Caa2//CCC
Ferrexpo, 2016	92.5	94.5	15.5%	13.4%	-4.6%	1.3	7.875%	S/A	07 Apr 2016	500	/CCC/CCC
UZ Rail, 2018	78.0	80.0	17.9%	17.0%	-13.9%	2.8	9.50%	S/A	21 May 2018	500	/CCC/CCC
Interpipe, 2017	55.0	65.0	45.9%	32.4%	-28.5%	1.8	10.25%	S/A	2 Aug 2017	200	//
JKX Oil&Gas, 2018	89.1	90.8	15.9%	15.3%	-19.0%	2.8	8.00%	S/A	19 Feb 2018	40	
Bank Eurobonds											
Fin&Credit Bank, 2019	55.0	65.0	27.6%	22.2%	-27.7%	3.1	9.25%	S/A	25 Jan 2019	100	Caa3//
PUMB, 2014	73.8	73.8	133.5%	133.5%	-25.1%	0.2	11.00%	Q	31 Dec 2014	275	Caa3//
Nadra Bank, 2018	50.0	55.0	77.8%	65.1%	-34.8%	2.4	6.25%	A	31 Jul 2018	60	//
PrivatBank, 2015	76.0	81.0	40.3%	32.8%	-13.7%	0.8	9.38%	S/A	23 Sept 2015	200	Caa3//
PrivatBank, 2016	66.0	71.0	46.7%	38.2%	-9.9%	1.1	8.75%	S/A	9 Feb 2016	150	Caa3//
PrivatBank, 2018	76.0	81.0	21.0%	18.6%	-6.2%	2.6	10.88%	S/A	28 Feb 2018	175	Caa3//CCC
UkrEximBank, 2015	86.5	88.5	34.5%	30.2%	-9.3%	0.5	8.38%	S/A	27 Apr 2015	750	Caa3//CCC
UkrEximBank, 2016	66.0	71.0	39.8%	33.4%	-19.7%	1.1	8.40%	S/A	2 Sept 2016	125	Caa3//CCC
UkrEximBank, 2018	79.8	80.9	16.9%	16.4%	-9.9%	2.7	8.75%	S/A	22 Jan 2018	500	Caa3//CCC
VAB Bank, 2019	60.0	65.0	32.8%	29.0%	-26.9%	2.0	9.00%	Q	14 Jun 2019	88	//WD
Oschadbank, 2016	80.0	83.0	33.5%	28.8%	-12.4%	1.2	8.25%	S/A	10 Mar 2016	700	Caa3//CCC
Oschadbank, 2018	77.7	79.9	16.5%	15.9%	-11.5%	2.7	8.88%	S/A	20 Mar 2018	500	Caa3//CCC
Municipal Eurobonds											
City of Kyiv, 2015	80.0	82.0	41.4%	36.9%	-12.9%	0.9	8.00%	S/A	6 Nov 2015	250	Caa3/CCC/
City of Kyiv, 2016	79.1	81.5	24.2%	22.2%	-13.3%	1.5	9.375%	S/A	30 Jun 2016	300	Caa3/CCC/

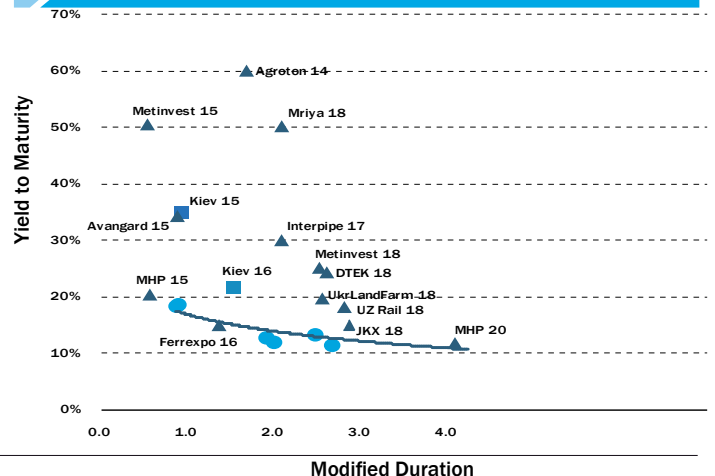
¹ Moody's/S&P/Fitch; * EUR

Source: Bloomberg, Cbonds, Eavex Research

SOVEREIGNS vs. BANKING EUROBONDS



SOVEREIGNS vs. CORPORATE and MUNICIPAL EUROBONDS



UKRAINIAN DOMESTIC BONDS

Issue	Price (Bid)	Price (Ask)	YTM (Bid)	YTM (Ask)	Modified Duration	Coupon	Coupon Period	Maturity Date	Volume mn USD
UAH denominated Bonds									
UA4000141592			16.5%	15.0%	n/a	14.30%	S/A	20 May 2015	31
UA4000142665			19.0%	18.0%	n/a	14.30%	S/A	24 May 2017	184
USD denominated Bonds									
UA4000142699	n/a	n/a	12.5%	12.0%	n/a	9.45%	S/A	22 Apr 2015	312
UA4000141071	n/a	n/a	12.5%	12.0%	n/a	9.45%	S/A	27 May 2015	152
UA4000142673	n/a	n/a	12.5%	12.0%	n/a	4.50%	S/A	17 Jun 2015	175
EUR denominated Bonds									
UA4000142681	n/a	n/a	12.5%	12.0%	n/a	4.80%	S/A	6 May 2015	40
VAT Bonds									
UA4000082531			18.5%	16.5%	n/a	5.50%	S/A	21 Aug 2015	141
UA4000082622			18.5%	16.5%	n/a	5.50%	S/A	24 Aug 2015	571
UA4000083059			18.5%	16.5%	n/a	5.50%	S/A	25 Aug 2015	415

Source: Bloomberg, Cbonds, Eavex Research

Eavex Capital

12, Ezhena Pottier str.
Kiev 03057
Ukraine

Telephone: +38 044 590 5454

Facsimile: +38 044 590 5464

E-mail: office@eavex.com.ua

Web-page: www.eavex.com.ua

Yuriy Yakovenko

Chairman of the Board

yuriy.yakovenko@eavex.com.ua

SALES & TRADING

Pavel Korovitskiy

Managing Director

Equity and Fixed Income

p.korovitsky@eavex.com.ua

Alexander Klymchuk

Equity and Fixed Income

a.klymchuk@eavex.com.ua

Eugene Klymchuk

Fixed Income Sales and Trading

e.klymchuk@eavex.com.ua

Serhiy Scherbaniuk

Equity Trading

s.shcherbaniuk@eavex.com.ua

Nazar Malinyak

Online Trading

n.malinyak@eavex.com.ua

RESEARCH

Dmitry Churin

Head of Research

d.churin@eavex.com.ua

Ivan Dzvinka

Research Associate

i.dzvinka@eavex.com.ua

Will Ritter

Research editor

w.ritter@eavex.com.ua