BLOOMBERG ENERGY

Follow energy market news and trends that impact your business decisions. Track prices and statistics you need to make profitable trading decisions. Leverage Bloomberg's comprehensive database to evaluate market moved and capitalize on potential opportunities. Analyze your stocks and the industry.











Who Are We?

Bloomberg are a provider of news, pricing and data On a global level.

This specifically includes...

- 1. Real-time news!
- 2. Real time prices!
- 3. Historical prices and data
- 4. Analytical calculators and tools
- 5. Charting and technical analysis capabilities











How Can We Help?

- Bring information to the energy markets
- Allow access to Third Party information via Bloomberg's platform!
- Provide a means to organize all of this data and information in a user friendly format!
- Allow the integration of proprietary data bases











We all face new challenges!

• The market was never like this before!













People want the whole picture!











Responses!

- More Intraday Data!
- More Intraday News!
- More Analytics!



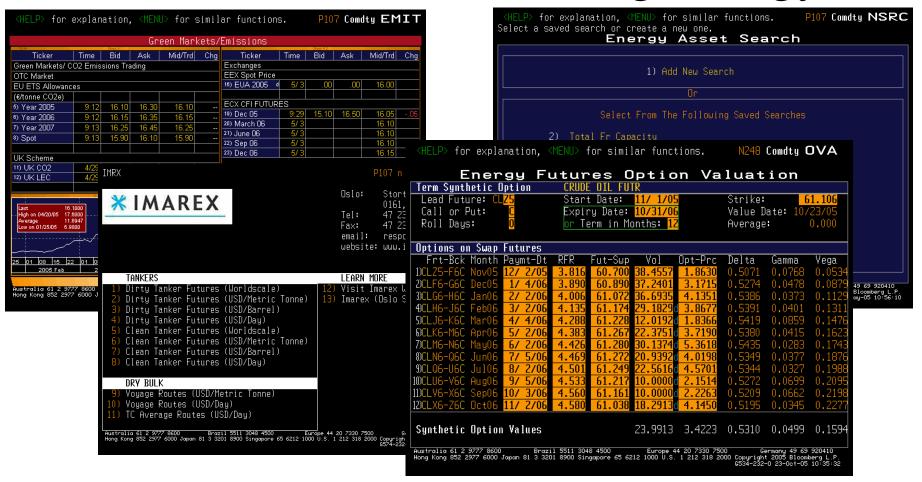








What's New at Bloomberg Energy?













Real-time UK Gas Data

<HELP> for explanation, <MENU> for similar functions. $N173 \ Index \ UGAS$

Ticker	Time	Bid	Ask	Last	Change	Source	Ticker	Time	Bid	Ask	Last	Change	Source
UK National Balanc		NBP Seasons/Years											
OTC Market							24) Summer 2007	14:49	48.15	50.00	48.35	25	Spectron
(GBP/therm)							25) Winter 2007	15:32	68.45	70.05	69.35	25	Spectron
4) Within Day	15:36	41.30	41.75	41.75	+1.87	Spectron	26) Cal Year 2007	7/7	61.10	61.20	61.15		Spectron
5) Day Ahead	15:32	37.00	40.75	40.25	+.12	Spectron							
6) Weekened	15:34	38.25	38.50	38.25	+1.62	Spectron							
7) Balance of Week	14:33	40.50	40.75	40.50		ICAP	On-the-day Commo	dity M	arket				
8) Week Ahead	15:30	40.50	41.75	41.50	+2.00	ICAP	30) OCM Within Da	15:27	41.50	42.00	41.75	+7.75	APX Group
9) Balance of Mont	7/5	39.90	40.10	40.00		Heren	31) OCM Day Ahea	7/6	36.00	44.75	40.00		APX Group
NBP Forwards													
11) August 2006	15:31	40.50	41.10	41.00	15	Spectron	SAP/SMP		SMP	SMP	SAP		
12) September 200	15:32	39.15	39.25	39.25	10	Spectron			Buy	Sell	Avge		
13) October 2006	15:32	52.15	52.25	52.20	10	Spectron	35) Within Day	6:00	34.69	27.10	33.85	78	APX Group
14) 4th Qtr 2006	7/7	69.95	70.05	70.00		Spectron	36) Day Ahead	15:27	41.50	39.71	40.66	+4.99	APX Group
15) 1st Qtr 2007	7/7	82.10		83.10		Spectron	Operational Data						
16) 2nd Qtr 2007	7/7	50.80	50.90	50.85		Spectron	38) Open Linepack				293.400		National Grid
17) 3rd Qtr 2007	7/7	46.30	46.40	46.35		Spectron	39) Demand (MMc	7/6			189.620		National Grid
18) 4th Qtr 2007	7/5	63.70	63.80	63.75		Heren	40) NBP Long Stoc						National Grid
19) 1st Qtr 2008	7/5			73.64		Bloomberg	41) NBP Med Stock				6667.000		National Grid
20) 2nd Qtr 2008	7/7			50.50		Spectron	42) NBP Short Stoc				1057.000	+12.000	National Grid
21) 3rd Qtr 2008	7/5	45.45	45.55	45.50		Heren	Interncontinental Ex						
22) 4th Qtr 2008	7/6			59.35		Spectron	44) First Month	15:33	40.550	41.500	40.800	540	ICE
Australia 61 2 S			Page 1	Brazil 5	7.7.7.7	111111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	W. W.		Page 2	German	11 10 10 11	///////











Real-time UK Power

<HELP> for explanation, <MENU> for similar functions.

N173 Comdty ELEU

Ticker	Time	Dia	nust of t	Loot	Changal	Course	Tielses	Times	Dia	nut d 2	Loot	Change	Course
UK Power	Time	Bid	Ask	Lasi	Change	Source	Ticker EFA Blocks	Time	Bid	Ask	Lasi	Change	Source
							WD1	7/7			27.75		Spectron
(£/MVVh)							WD2	n.a.			.00	n a	Bloomberg
Book Brownt		l I		l I			WD3	n.a.			.00		Bloomberg
Base Prompt	40.57			44.05	اء ما	OFI	WD4	6/28			47.00		Spectron
	13:57	44.45		41.25	+2.55	GFI	WD5	7/4			49.57		Bloomberg
Day +2		41.15			50	GFI	WD6	15:02		33.50	33.10	+1.35	_
Weekend		32.75			+1.30	GFI	WD 1+2	13:07		27.00	26.00	-2.00	GFI
Week+1		40.00			+1.50	ICAP	WD 3+4	7/5			57.73		Bloomberg
Week+2	14:48	40.35	40.70	40.50	+1.00	ICAP							
				l I			Peakload						
Baseload Fwds		امم مما		امم مما		0.51	Day Ahead	10:06		57.00	53.10	+2.60	
_		38.30				GFI	Week Ahead	7/6			53.67		Bloomberg
September 2006					+.15	Spectron	August 2006		51.00	52.50	.00	-51.75	GFI
October 2006		45.30				Spectron	September 2006	7/7			50.42		Bloomberg
Q4 06	7/7		58.00			Spectron	October 2006	7/7	74.05	70.00	57.64		Bloomberg
Q1 07	7/.7		65.60			Spectron	Q4 06		71.85			-1.00	
Q2 07	7/ 5	42.30	42.90			Heren	Winter 06/07 Summer 07	7/7	76.30 50.50				Spectron
Winter 06/07	15:54			61.10	40	GFI	Winter 07/08	7/7	69.61				Spectron Spectron
Summer 07		42.00			+.93	Spectron	Summer 08	7/7	08.01	74.01	56.95		Bloomberg
Winter 07/08		56.45	57.00		15	Spectron	odiffiller oo				30.33		Dicomberg
Summer 08	14:23	45.30		45.60	n.a.	GFI							
		D	age 1						D	age 2	1 11 1		7 7 7 7 7











Real-time European Energy Data







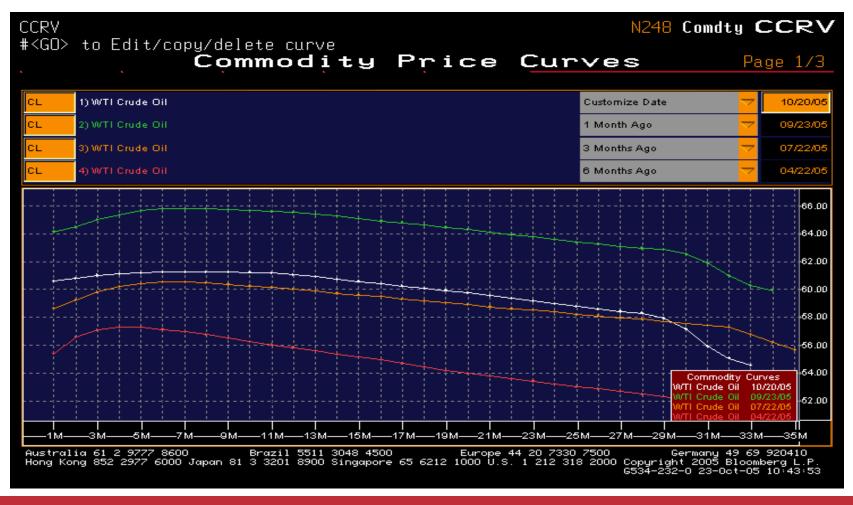






Better Forward Curve Analysis

Chart up to 4 different points in time historically for the forward curve of a commodity or graph up to 4 different forward product curves on the same chart and download the data to excel with a single mouse click!













Coal Data!

<HELP> for explanation, <MENU> for similar functions.

P107 Comdty COAL

Tieless	TIME	Di-d	Shut	CHANGE	8.82-4	
Ticker	TIME	Bid	Ask	CHANGE	Mid	Sour
API Indices						
API #2						
1st Month	5/3	66.70	67.20	10	66.95	The McCloskey Grou
1st Quarter	11:11	67.25	.00	-33.77	33.63	Garban Intercapit
2nd Quarter	5/3	70.00	70.50	70.25	70.25	Garban Intercapit
3rd Quarter	4/29	69.25	69.50	.50	69.38	Garban Intercapit
4th Quarter	5/2	.00	.00	.00	.00	Garban Intercapit
5th Quarter	5/3	69.25	69.75	.60	69.50	The McCloskey Grou
1st Year	4/29	68.75	69.25	.45	69.00	Garban Intercapit
2nd Year	5/3	66.50	67.00	-2.00	66.75	The McCloskey Grou
3rd Year	5/3	62.90	63.55	-2.92	63.23	The McCloskey Grou
4th Year	4/29	62.55	63.20	.18	62.88	The McCloskey Grou
API #4						
1st Month	5/3	47.55	48.30	.40	47.93	The McCloskey Grou
1st Quarter	11:11	.00	.00	-25.63	.00	Garban Intercapit
2nd Quarter	5/3	53.20	53.95	3.05	53.58	The McCloskey Grou
3rd Quarter	5/3	53.70	54.45	.65	54.08	The McCloskey Grou
4th Quarter	5/3	53.60	54.35	.15	53.98	The McCloskey Grou
5th Quarter	5/3	53.75	54.25	.25	54.00	The McCloskey Grou
1st Year	5/3	53.75	54.40	4.15	54.08	The McCloskey Grou
2nd Year	5/3	52.95	53.70	35	53.33	The McCloskey Grou
3rd Year	5/3	51.50	52.25	-1.15	51.88	The McCloskey Grou
4th Year	4/29	51.35	52.10	.15	51.73	The McCloskey Grou
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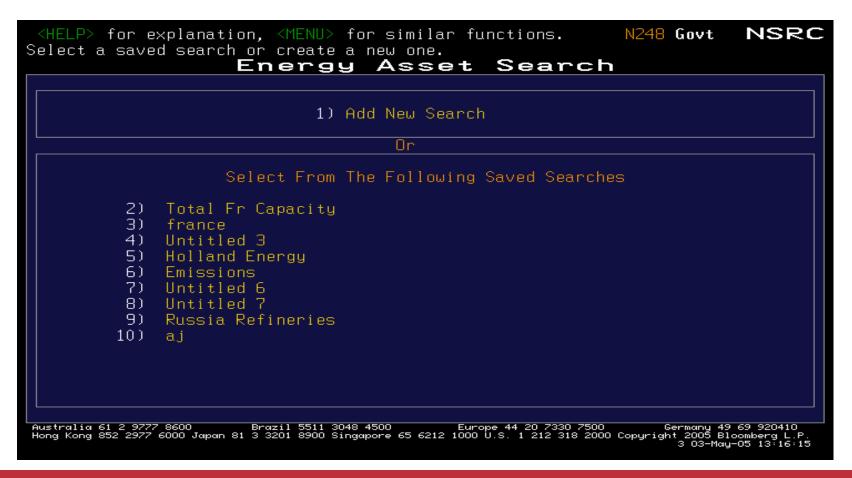








Assets, Facilities Search













Shipping, FFAs

BSHIP	N248 n Govt BSHI
BLOOMBERG	SHIPPING
Shipping Rates 1) SRTE Route Rates 2) BFX Baltic Freight Indices 3) Poten Freight Rates	Regional Charter Volumes 10) CHAD Crude Oil, Fuel Oil 11) CHAC Light Products
Freight Derivatives 4) Imarex	News 12) NI MAR Shipping News 13) OTOP TOP Oil Stories 14) CTOP TOP Commodity Stories
Fixture Table 5) FIXS Tanker Fixtures 6) NH BLT Baltic Dry Fixtures	Laid-Up and Floating Tonnage 15) LTON Laid-Up Tonnage 16) FLOT Floating Oil Storage
Global Bunker Prices 7) BNKR Bunker Prices	General Information 17) BR Bloomberg Research
Global Shipping Indices 8) Shipping Indices	18) BWS Shipping & Port Weather 19) TREK Distance Table 20) BINS Bloomberg Insurance
Commodities Markets 9) NRG Market Data Australia 61 2 9777 8600 Brazil 5511 3048 4500 Hong Kong 852 2977 6000 Japan 81 3 3201 8900 Singapore 65 62	21) Glossary
Hong Kong 852 2977 6000 Japan 81 3 3201 8900 Singapore 65 62	212 1000 U.S. 1 212 318 2000 Copyright 2005 Bloomberg L.P. 3 03-May-05 13:19:55











More Intra Day Pricing Sources for Gas, Power, Emissions!







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SPECTRON

Spectron Group
4 Grosvenor Place
1st Floor
London, SUIX 7DL
United Kingdom

1) SPGS European Gas
2) SPPO European Power
3) SPUK UK Power
4) To Request Information

Australia 61.2 9277 8600
Hong Kong 852 2977 6000 Japan 81 3 3201 8900 Singapore 65 6212 1000 U.S. 1 212 318 2000 Capyright 30.05-Hougerg L.P.
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European Spark spreads













TOP ENERGY HEADLINES

View top local and international news sorted by energy market product

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Enter # <go> or tab to</go>	change TOP category		HE IS THIS 9-0 PC	
TOP STORIES FOR May 3		Categoru	TOP Oil	
D All Oil News		Outages	4 Scrolling	Top News
5) Statoil's First-Qua				
6) IEA Says Energy Cos				
7) Shipping Investors				
	et Oil Executives Nex			
9) Russian Oil-Output (Growth Slows by Two−1	Thirds in Ap	ril as Investmer	nt Slows
100 Iraqi Oil Exports W				
11) Neste Oil's First-Q				
12) Shell to Spend as Mi				
13) Brent Crude Oil Ris	es on Forecast for Fu	uel Demand:	World's Biggest	Mover
14) Statoil Is Given Cl	earance to Resume Dri	illing Barer	its Sea Well Afte	er Spill
15) Russia Says It Will				
16) Indonesia to Offer :	22 Oil Drilling Areas	s This Month	ı to Stem Output	Decline
17) Market News	18) Oil Prices		19) Oil Audio∕Vio	
20) Crude Oil Falls on	Expectation U.S. Crud	de, Gasoline	: Supplies Are Gr	rowing
21) Persian Gulf Tanker				
	ves of 61.9Billion N			
23) Thailand May Begin				
	uys 6 Million Barrels			
25) Indian Oil Seeks to				_
	ntories Probably Rose	e Last Week,	Bloomberg Surve	ey Shows
27) Nymex Futures	28) IPE Futures		7500	
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ENERGY MARKET REPORTS

Filter reports by market type. With more than 1,600 reporters and editors in over 90 global new bureaus, Bloomberg commands breaking news and developing trends categorized into gas, power and oil menus.

16 P107 n Govt E	TOP
Enter # <go> or tab to change TOP category</go>	
TOP STORIES FOR May 4 Bloomberg News Category NRG ENERGY	
1) All Energy News 2) ENRG Energy Menu 3) Scrolling Top N	lews
4) Total First Quarter Net Rises 53 Percent on Record Oil Prices, Chemica	ls
5) Crude Oil Trades Near Two-Month Low on Expectations of Gain in Stockpi	les
6) Shell, BASF Near to Selling Plastics Venture to an Indian Group, WSJ S	ays
ENERGY BUSINESS 7) OIL Oil Prices	;
8) Surgutneftegaz Will Spend \$2.1 Billion to Boost Oil Output by 7.2 Perc	ent
9) Lukoil's Kazakh Oil Venture Ordered to Cut Output by One-Third for 200	5
10) Aker Kvaerner Says Italian LNG Import Terminal Contract Worth \$900 Mil	lion
11) Transneft Declines to Comment on Report That Net Fell to 5 Billion Rub	les
12) Elia Plans to Seek Approval to Sell as Much as \$194 Million in New Sha	res
13) China, Japan, South Korea Say High Crude Oil Prices Pose a Risk to Gro	wth
14) CNPC to Help Build Natural Gas Pipeline From Iran to India, Recorder S	ays
15) Indian Blackouts Spark Violence as Temperatures Rise in Maharashtra St	ate
ENERGY MARKETS 16) NATG Natural Ga	.S
17) Citigroup Raises 2005 Brent Crude Oil Forecast to \$48, Cites Rising De	mand
18) U.K. Natural Gas Prices Steady as Shippers Boost Supplies, Demand Rise	s .
19) German Power Prices Decline to Four-Month Low as Holiday Reduces Deman	id
200 Sri Lankan State Power, Oil Workers Plan to Strike, Daily Mirror Repor	ts
21) Pertamina to Sell Cleaner-Burning Diesel for Use in Luxury Cars in Jak	arta
22) Opinion 23) Columnists & Columns 24) VOLT Electricit	.y
25) Are You Ready to Join the \$100 Crude Oil Club?: Commentary by Matthew	Lynn
26) Energy Audio∕Video ▲▼ 27) Letters to Edit	
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REAL-TIME ENERGY OUTAGE UPDATES

Follow refinery, pipeline, and power plant outages around the world. Dedicated analysts update information on planned and unplanned outages throughout the day, sourced directly from market participants.













COMPREHENSIVE ENERGY MARKET DATA

Track real-time and historical price movements provided by multiple sources from brokers to exchanges. In addition to cash and futures pricing, statistical data on the oil, gas and power markets is updated as it changes.







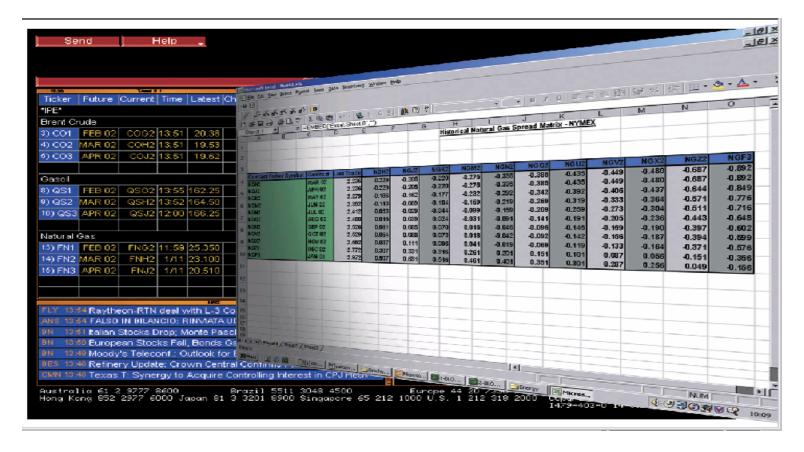






SEAMLESS INTEGRATION WITH OTHER APPLICATIONS

Construct personalized pages using Bloomberg data and export to other application, including Microsoft Excel





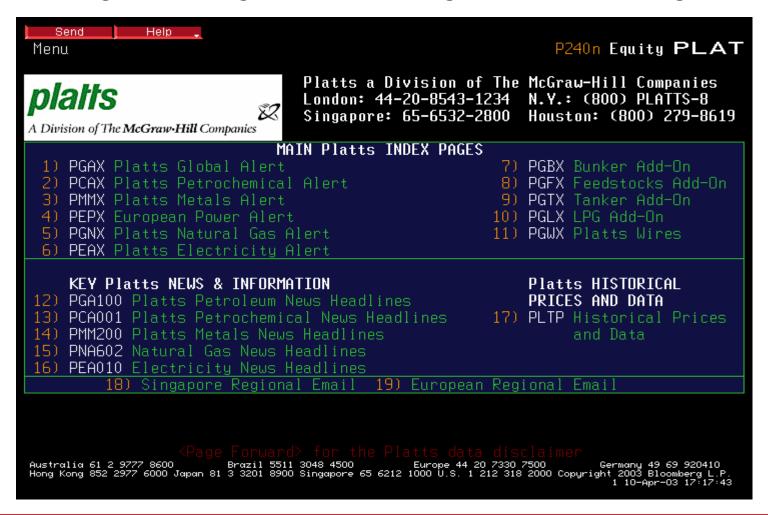








FULLY-INTEGRATED PLATT'S DATA AND NEWS













FULLY-INTEGRATED HEREN DATA AND NEWS













LAUNCHPAD – FULLY-CUSTOMIZED DESKTOP DISPLAY

Customize your desktop to monitor multiple pricing indices, intra-day and historical pricing. Add technical charts, quote lines and comparative analysis. Filter the new affecting your markets. Launchpad displays all the information you need on one screen, while integrating Bloomberg's power.













VOLATILITY ANALYSIS

Analyze historical and implied volatilities on cash and futures prices in customizable graphical or tabular format.













TECHNICAL ANALYSIS

Customize technical analysis templates evaluating your optimum entry and exit points in the market.













CALCULATE PRICE SPREADS

Customize historical spreads between any two products in the cash and futures market.













COMPREHENSIVE COMPANY INFORMATION

Display fundamental background information and financial data for a specific company, warrant, mutual fund, or equity option all on one screen.

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 XOM US $ 🖡
                             -.13 N 13s
                                                               87x29 Equity DES
At 16:21 Vol 2.926.300 Op 34.49 N Hi 34.56 B Lo 34.32 N ValTrd 100.778m
                              DESCRIPTION
XOM US
                              EXXON MOBIL CORPORATION
                                                             12) CN All News/Research
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   Comp-Integrated
CUSIP 30231G102
Exxon Mobil Corporation operates petroleum and petrochemicals businesses
worldwide basis. The Company's operations include exploration and production of
oil and gas, electric power generation, and coal and minerals operations.
\mathsf{Exxon} Mobil also manufactures and markets fuels. lubricants. and chemicals.
              STOCK DATA
                                              8)DVD
                                                        DIVIDENDS
                                                                   – Quarterlu
                              USD
                                                                                 2.68%
 1)GPO
                                     34.35
                                                    Indicated Gross Yld
       Price
                   4/10/2002 USD
                                                                                 2.33%
                                     43.18
                                                    Dividend Growth 5YR
                    7/22/2002 HSD
                                     29.75
                                                     Ex-Date
                                                                   Tupe
                                                                                 Amt
       YTD Chng ( -1.69%)
                              USD
                                      -.59
                                                                 Reg. Cash USD
                                                                                    .23
2)TRA
                                    -18.38%
      17) Shares out 2/28/2003
                                 6689.882M
                            USD.
                                  229797.4M
                                                                                 1.700
                                                   Est EPS
                                                                                 2.122
          6682.55M Short Int
                                    32.053M
                                                                 12/2003 HSD
 Float
SBETA Beta
                                        .90
                                             11)GE
                                                   -P/E
                                                          20.21 Est P/E
                                                                                16.19
       Options, LEAPs, Stk Marginable
                                              _T Growth
                                                              8.33 Est PEG
                                                                                 1.94
Australia 61 2 9777 8600 Brazil 5511 3048 4500 Europe 4
Hong Kong 852 2977 6000 Japan 81 3 3201 8900 Singapore 65 6212 1000 U.S.
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COMPARE FUNDAMENTAL AND TECHNICAL COMPANY INFORMATION

Identify a company's competition and compare its strengths and performance to its peer group, selected from more than 3,000 fundamental, technical, performance and descriptive choices.

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		_	Report No. 1 Sector: 0 Change Year		g 6Securities Fo Earn ingsPer		Est EPS	Price
Ticker	Name	Price	To Date	of Share	Share	Curr Yea	Curr Yea	EarningsRatio (F
Averages:	Hame	41.02	-1.04	1511.79		20031200.00	4.03	14.20
) XOM	EXXON MOBIL CORPORATION	34.35	-1.689	6,753.000	1.690	12/03	2.122	20.2
2) CVX	CHEVRONTEXACO CORP	63.76	-4.091	1,061.500	1.070	12/03	5.460	15.1
3) COP	CONOCOPHILLIPS	50.93	+5.249	482.082	-0.610	12/03	5.233	18.7
OXY (OCCIDENTAL PETROLEUM CORP	30.35	+6.678	376.200	2.630	12/03	3.258	11.3
) MRO	MARATHON OIL CORP	23.03	+8.173	309.792	1.660	12/03	2.930	12.7
AHC	AMERADA HESS CORP	43.72	-20.581	88.187	-2.480	12/03	5.171	7.0
ustralia	61 2 9777 8600	zil 55:	11 3048 4500	Eu	rope 44 20 ;	7330 7500	Germani	y 49 69 920410











SPECIFIC INDUSTRY ANALYSIS

Follow a variety of analysis on a given company, including full credit profiles. Keep track of the ratings changes affecting your business. Analyze a company's credit worthiness, tacking moves that reflect its strength and risk.















Summary

- One System!
- One Place to look!
- All of your news prices and analytics!
- Interface with excel!
- Portable and secure!







