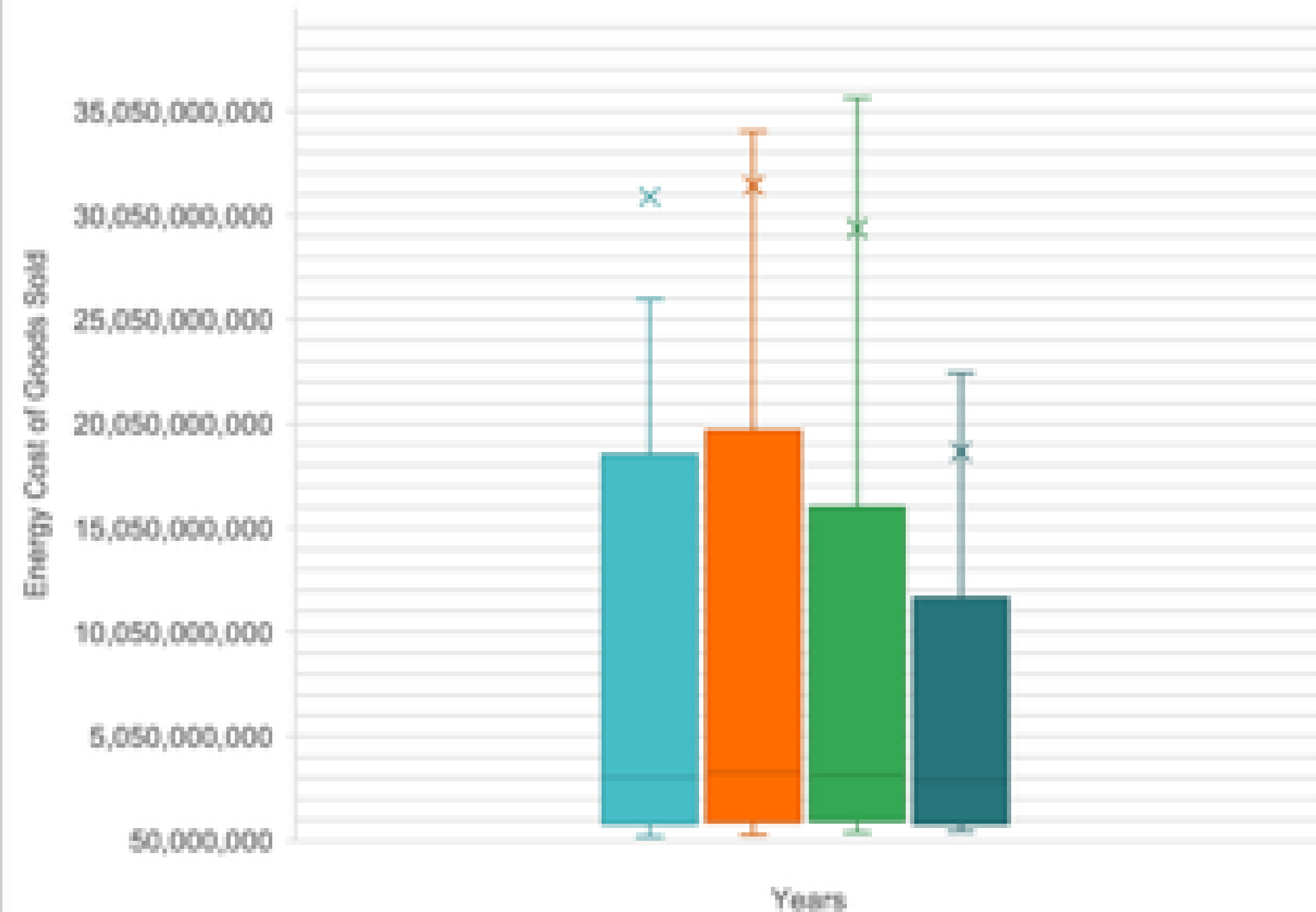


Analyze NYSE Data

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How Energy Cost of Goods Sold changed in the Four Years?

Representation of Energy Cost of Goods Sold



A representation of the cost of goods sold for all companies in the energy sector, showing changes over a four-year period.

In the first three years, the mean COGS was around \$30 billion. In the fourth year, it had dropped to approximately \$18 billion. This demonstrates that they began paying attention to COGS and investing more in the sector's development.

The standard deviation of COGS is highest in the first year at \$67 billion, then begins to drop, reaching \$37 billion in the fourth year. The range of COGS in the first year was the highest by \$301 Billion, then it started to decrease throughout the 3 years to reach \$165 Billion in the fourth year.

This demonstrates that companies began attempting to reduce the cost of goods sold as early as the third year.

Profit & Loss Statement of MHK Company

MHK Company profit and loss statement of the four years shows the increase during the four years.

The gross profit increased by \$430 Million in the second year which is 28.91% change from the first year. The third year shows increase of gross profit by 12.15% from the previous year. The fourth year was the highest recorded gross profit between the 4 years with \$2.4 Billion by 11.91% from the previous year.

The Operating profit of MHK company was increasing in the first three years. The operation profit recorded the highest operation profit for MHK company in the third year by \$772 Million, by 103.63% increase from the first year which was \$379 Million. In the fourth year the Operation Profit decreased from the previous year by difference of \$35 Million.

Profit & Loss Statement				
	Historical			
	Year 1	Year 2	Year 3	Year 4
Revenue	24,855,000,000	7,348,754,000	7,803,446,000	8,071,563,000
COGS	4,297,922,000	5,427,945,000	5,649,254,000	5,660,877,000
Gross Profit	1,490,058,000	1,920,809,000	2,154,192,000	2,410,686,000
Sales, General and Admin	1,110,550,000	1,373,878,000	1,381,396,000	1,573,120,000
Other operating expenses	0	0	0	0
R&D	0	0	0	100,100,000
Total operating expenses	1,110,550,000	1,373,878,000	1,381,396,000	1,673,220,000
Operating income/ EBIT	379,508,000	546,931,000	772,796,000	737,466,000

Profit & Loss Statement Forecast of CTXS Company

Profit and loss forecast statement for CTXS Company in the next two years show increase of revenue growth, gross margin & operating margin. The revenue growth is expected to increase in the two years by 6% & 7% in the best case scenario. In the base case scenario the revenue growth it is expected to increase by 5% & 6%. While in the weak case scenario the revenue growth is expected to increase by 4% & 5% in the two years.

The gross margin is expected to increase in the two years by 83% & 84% in the best case scenario. In the base case scenario the gross margin it is expected to increase by 82% & 83%. While in the weak case scenario the gross margin is expected to increase by 81% & 82% in the two years.

The operating margin is expected to increase in the two years by 16% & 17% in the best case scenario. In the base case scenario the operating margin it is expected to increase by 15% & 16%. While in the weak case scenario the operating margin is expected to increase by 14% & 15% in the two years.

Profit & Loss Statement						
	Forecast					
	Year 5			Year 6		
	Best Case	Base Case	Weak Case	Best Case	Base Case	Weak Case
Revenue	3,637,818,666	3,603,636,016	3,569,453,366	3,907,852,354	3,835,095,980	3,763,023,260
Gross Profit	3,018,594,166	2,954,193,679	2,890,476,846	3,281,741,614	3,182,291,207	3,084,856,373
Operating income/ EBIT	585,592,831.65	544,053,966.65	503,198,754.66	668,139,654.91	617,349,274.74	568,117,235.60
Revenue Growth	6%	5%	4%	7%	6%	5%
Gross Margin	83%	82%	81%	84%	83%	82%
Operating Margin	16%	15%	14%	17%	16%	15%

THANK YOU