

Source	Product	Illinois Destinations	Toronto Destination	New Jersey Destinations <sup>2</sup>			London Destinations			Madrid Destination		Zurich Destination		Milan Destination		Frankfurt Destination		Dubai Destination	Mumbai Destination		Singapore Destination	Hong Kong Destination			
	Exchange	Product	Initial Offer for First DC in Toronto	Initial Offer for First DC	Each Add'l		Initial Offer for First DC	Each Add'l	Cost for 1 DC in NJ, London	Initial Offer for First DC	Cost for 1 DC in NJ, Lon, MAD	Initial Offer for First DC	Cost for 1 DC in NJ Lon, ZH4	Initial Offer for First DC	Cost for 1 DC in NJ, Lon, I.Net	Initial Offer for First DC	Cost for 1 DC in NJ Lon, FR	Cost for 1 DC in Dubai	Cost for 1 DC in Mumbai Tier 1 E	Cost for 1 DC in Mumbai Tier 2 E					
Illinois Sources <sup>A</sup>	CME Group	Equity Index Futures	\$4,600 for all CME channels	=\$5,800	=\$11,600	+\$2,300		+\$8,700	+\$1,800	=\$20,300	+\$2,800	=\$23,100	+\$2,800	=\$23,100	+\$2,800	=\$23,100	+\$5,600	=\$25,900							
		Small Cap Equity Index Futures		=\$5,800	=\$11,600	+\$2,300		+\$8,700	+\$1,800	=\$20,300															
		NonDollar Index Equity Futures		=\$2,900	=\$5,800	+\$1,200		+\$4,300	+\$800	=\$10,100	+\$2,800	=\$12,900	+\$2,800	=\$12,900	+\$2,800	=\$12,900	+\$2,800	=\$12,900	+\$5,600	=\$15,700					
		Gov't Bond Futures		=\$5,800	=\$11,600	+\$2,300		+\$8,700	+\$1,800	=\$20,300	+\$2,800	=\$23,100	+\$2,800	=\$23,100	+\$2,800	=\$23,100	+\$2,800	=\$23,100	+\$5,600	=\$25,900					
		FX Futures		=\$6,900	=\$11,600	+\$2,300		+\$8,700	+\$1,800	=\$20,300	+\$2,800	=\$23,100	+\$2,800	=\$23,100	+\$2,800	=\$23,100	+\$2,800	=\$23,100	+\$5,600	=\$25,900			=\$34,600	=\$9,600	
		Energy Futures		=\$5,200	=\$6,900	+\$1,400		+\$5,400	+\$1,100	=\$12,300	+\$2,800	=\$15,100	+\$2,800	=\$15,100	+\$2,800	=\$15,100	+\$2,800	=\$15,100	+\$5,600	=\$17,900	=\$10,300	=\$34,600	=\$9,600		
		Metal Futures		=\$5,200	=\$6,900	+\$1,400		+\$5,400	+\$1,100	=\$12,300	+\$2,800	=\$15,100	+\$2,800	=\$15,100	+\$2,800	=\$15,100	+\$2,800	=\$15,100	+\$5,600	=\$17,900	=\$10,300	=\$34,600	=\$9,600		
		Crypto Futures		=\$4,000	=\$5,000	+\$1,000		=\$5,000	+\$1,000						=\$6,000				=\$6,000						
	TheICE	Equity Index Futures	\$4,600 for both ICE channels		=\$7,000	+\$1,400		+\$5,500	+\$1,100	=\$12,500															
		Energy Futures			=\$9,300	+\$1,900		+\$7,600	+\$1,600	=\$16,900										=\$10,300	=\$34,600	=\$9,600			
	Exchange	Product	Initial Offer for First DC	Each Add'l																					
New Jersey Source <sup>A</sup>	BrokerTec	BrokerTec Treasuries	=\$20,600																						
	NASDAQ	Select ETFs	=\$11,600	+\$2,300																					
		eSpeed Cash Treasuries	=\$11,600	+\$2,300																					
NYSE	Arca ETFs	=\$11,600																							
	Exchange	Product	Initial Offer for First DC	Each Add'l	Cost for 1 DC in London, NJ, & IL		Initial Offer for First DC	Each Add'l	Cost for 1 DC in London, NJ	Initial Offer for First DC	Each Add'l		Initial Offer for First DC		Initial Offer for First DC		Initial Offer for First DC			Cost for 1 DC in Mumbai <sup>E</sup>					
London Sources <sup>B,3</sup>	TheICE (LIFFE)	Equity Index Futures					+\$2,100	+\$400	=\$5,600	=\$3,500	+\$3,500														
		Gov't Bond Futures					+\$1,600	+\$300	=\$5,100	=\$3,500	+\$3,500		=\$2,300		=\$2,300		=\$2,300		=\$4,600						
	Euronext	Equity Index Futures					+\$1,000	+\$200	=\$4,500	=\$3,500	+\$3,500														
	LME <sup>6</sup>	Metals Futures	+\$4,400	+\$900	=\$9,300		+\$1,500	+\$300	=\$4,900	=\$3,400	+\$3,400		=\$2,300		=\$5,500		=\$5,500		=\$4,500		=\$11,100				
	Exchange	Product	Initial Offer for First DC	Each Add'l	Cost for 1 DC in London, NJ, & IL		Initial Offer for First DC	Each Add'l	Cost for 1 DC in London, NJ	Initial Offer for First DC	Each Add'l		Initial Offer for First DC												
Frankfurt Source <sup>C,4</sup>	Eurex	Equity Index Futures	+\$5,100	+\$1,000	=\$19,100		+\$6,500	+\$1,300	=\$14,000	=\$7,500	+\$1,500		=\$7,500												
		Gov't Bond Futures	+\$5,100	+\$1,000	=\$19,100		+\$6,500	+\$1,300	=\$14,000	=\$7,500	+\$1,500		=\$7,500												
	Exchange	Product																			Initial Offer for First DC	Initial Offer for First DC			
Tokyo Source <sup>D,5</sup>	OSE	Equity Index Futures																			=\$1,530,000	=\$765,000			

Footnotes	Data at Source/ Fiber Arbitration/ RF Protected Service	Legend
<p><sup>1</sup> Discount available for companies under 100 employees</p> <p><sup>2</sup> Mahwah Surcharge = \$2,300/product MRC, £1,800/product or €2,000/product</p> <p><sup>3</sup> London sourced products priced in GBP</p> <p><sup>4</sup> Eurex Equity Futures and Bond Futures priced in Euro</p> <p><sup>5</sup> Osaka Equity Futures priced in Yen</p> <p><sup>6</sup> LME offered as 3-Month rolling contract</p>	<p>A MRC for each is \$1,100/product</p> <p>B MRC for each is £900/product</p> <p>C MRC for each is €1,000/product</p> <p>D MRC for each is ¥119,400/product</p> <p>E Only available as a RF Protected Service (PRO), MRC includes additional fee. Other data protection fees do not apply.</p> <p>Fiber Arbitration (ARB) service is not available for Transatlantic service</p>	<p><b>Contents Meaning</b></p> <p>=\$11,600 The "=" in front of \$11,600 means that the MRC of this product in this data center (DC) is \$11,600.</p> <p>+\$11,600 The "+" in front of \$11,600 means the MRC is \$11,600 above the cost of the region closer to the source.</p>

**Quincy Extreme Data**  
 Quincy-Data.com | contact@Quincy-Data.com | +1.201.884.1114

Quincy Data Microwave Market Data Products																
Source	Product		Illinois Destinations	Toronto Destinations	New Jersey Destinations	London Destinations	Madrid Destination	Zurich Destination	Milan Destination	Frankfurt Destination	Dubai Destination	Mumbai Destination	Singapore Destination	Hong Kong Destination		
	Exchange	Product	Instruments within Chicago	Instruments Chicago to Toronto	Instruments Chicago to New Jersey	Instruments Chicago to London	Instruments Chicago to Madrid	Instruments Chicago to Zurich	Instruments Chicago to Milan	Instruments Chicago to Frankfurt	Instruments London to Dubai	Instruments London to Mumbai	Instruments Japan to Singapore	Instruments Japan to Singapore		
Illinois Sources	CME Group	Equity Index Futures	SP500, NASD100, DJIA, SP400	SP500, NASD100, DJIA, SP400	SP500, NASD100, DJIA, SP400	SP500, NASD100, DJIA, SP400	SP500	SP500	SP500	SP500						
		Small Cap Equity Index Futures	R2K	R2K	R2K	R2K										
		NonDollar Equity Index Futures	Nik225	Nik225	Nik225	Nik225	Nik225	Nik225	Nik225	Nik225	Nik225					
		Gov't Bond Futures	2YR, 5YR, 10YR, 10YR ULTRA, 30YR, 30YR ULTRA	2YR, 5YR, 10YR, 10YR ULTRA, 30YR, 30YR ULTRA	2YR, 5YR, 10YR, 10YR ULTRA, 30YR, 30YR ULTRA	2YR, 5YR, 10YR, 10YR ULTRA, 30YR, 30YR ULTRA	10YR	10YR	10YR	10YR	10YR					
		FX Futures	EUR, YEN, GBP, AUD, CAD, CHF, MXN, NZ	EUR, YEN, GBP, AUD, CAD, CHF, MXN, NZ	EUR, YEN, GBP, AUD, CAD, CHF, MXN, NZ	EUR, YEN, GBP, AUD, CAD, CHF, MXN, NZ	EUR, YEN, GBP	EUR, YEN, GBP	EUR, YEN, GBP	EUR, YEN, GBP	EUR, YEN, GBP		EUR, YEN, GBP			
		Energy Futures	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas	WTI, Nat Gas
		Metal Futures	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver	Gold, Silver, Copper	Gold, Silver, Copper	Gold, Silver, Copper
	Crypto Futures			BTC	BTC	BTC		BTC		BTC						
	ICE	Equity Index Futures	EM, EAFE			EM, EAFE	EM, EAFE									
Energy Futures		Brent			Brent	Brent					Brent	Brent				
	Exchange	Product	Instruments New Jersey to Chicago		Instruments Chicago to New Jersey	Instruments Chicago to London										
New Jersey Source	BrokerTec	BrokerTec Treasuries	2YR, 3YR, 5YR, 7YR, 10YR, and 30YR													
	NASDAQ	Select ETFs	SPY, IWM, EEM, QQQ, GLD, EFA, DIA, TLT													
		eSpeed Cash Treasuries	2YR, 3YR, 5YR, 7YR, 10YR, and 30YR													
NYSE	Arca ETFs	SPY, IWM, EEM, QQQ, GLD, EFA, DIA, TLT, XLF, MDY, XLU, XLE, XLV, XLP														
	Exchange	Product	Instruments London to Chicago		Instruments London to New Jersey	Instruments Within London	Instruments Chicago to Madrid	Instruments London to Zurich	Instruments London to Milan	Instruments London to Frankfurt		Instruments London to Mumbai				
London Sources	ICE (LIFFE)	Equity Index Futures			FTSE 100	FTSE 100										
		Gov't Bond Futures			Long Gilt	Long Gilt	Long Gilt	Long Gilt	Long Gilt	Long Gilt						
	Euronext	Equity Index Futures			CAC40, AEX25	CAC40, AEX25										
	LME	Metals Futures	3-Month CA		3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB	3-Month CA, AH, SN, ZS, NI, PB		
	Exchange	Product	Instruments Frankfurt to Chicago		Instruments Frankfurt to New Jersey	Instruments Frankfurt to London	Instruments Frankfurt to Madrid									
Frankfurt Source	Eurex	Equity Index Futures	EuroStoxx		EuroStoxx, Dax EuroStoxx Banks	EuroStoxx, Dax, EuroStoxx Banks	EuroStoxx, Dax, EuroStoxx Banks									
		Gov't Bond Futures	Bund		Bund, Bobl, Shatz	Bund, Bobl, Shatz	Bund, Bobl, Shatz									
	Exchange	Product											Instruments Tokyo to Singapore	Instruments Tokyo to Hong Kong		
Tokyo Source	OSE	Equity Index Futures											Nikkei 225, Nikkei 225 mini, Topix	Nikkei 225, Nikkei 225 mini, Topix, FTSE China 50, Taiex		