GLOBAL TRENDS IN CLEAN ENERGY INVESTMENT

WORLD CLEAN ENERGY INVESTMENT HEADING FOR A DROP IN 2012, AFTER MEDIOCRE Q3

FACT PACK AS AT Q3 2012

9 OCTOBER 2012

Bloomberg
NEW ENERGY FINANCE

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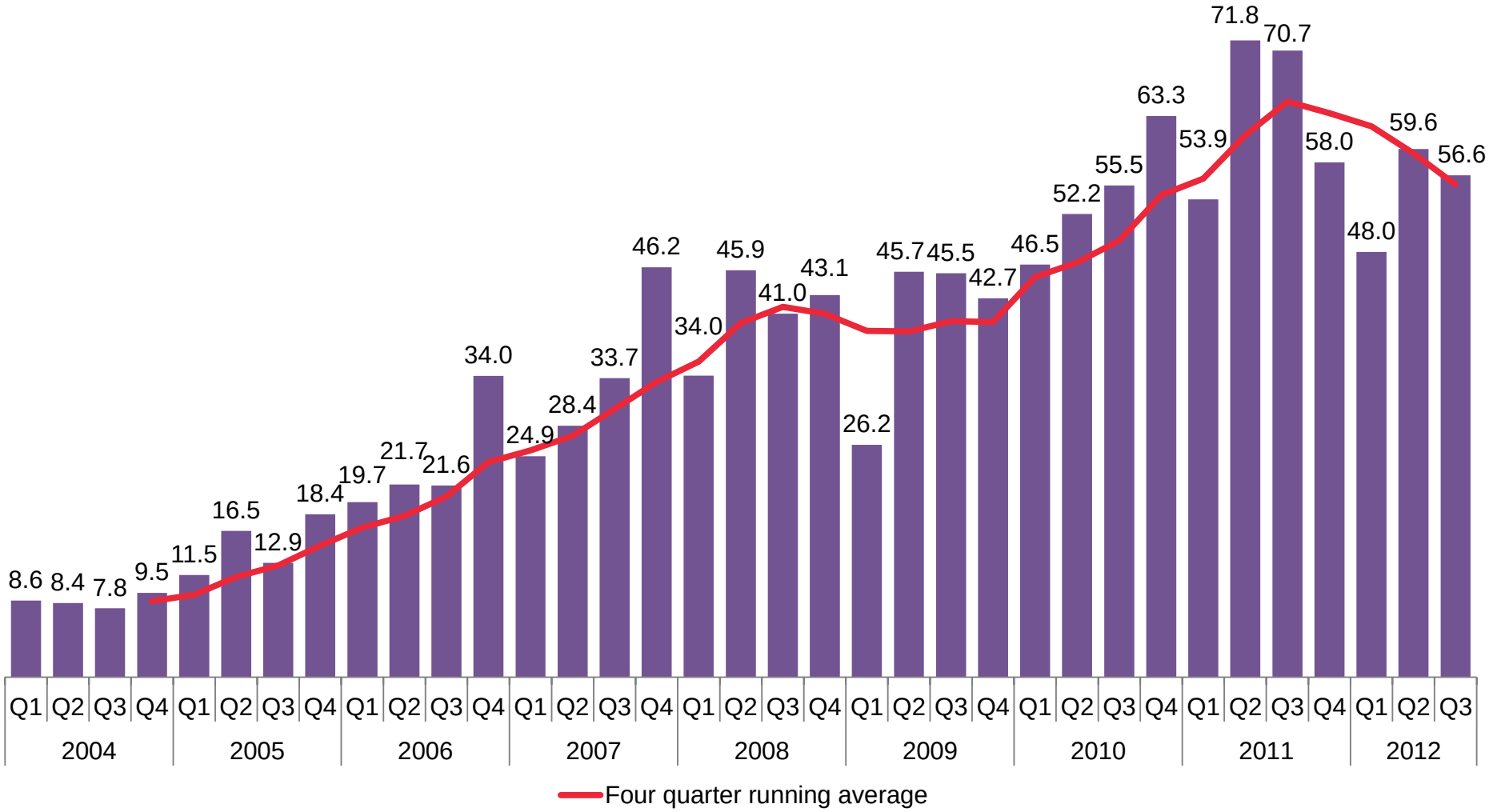
NEW INVESTMENT IN CLEAN ENERGY

Q1 2004–Q3 2012 ($BN)

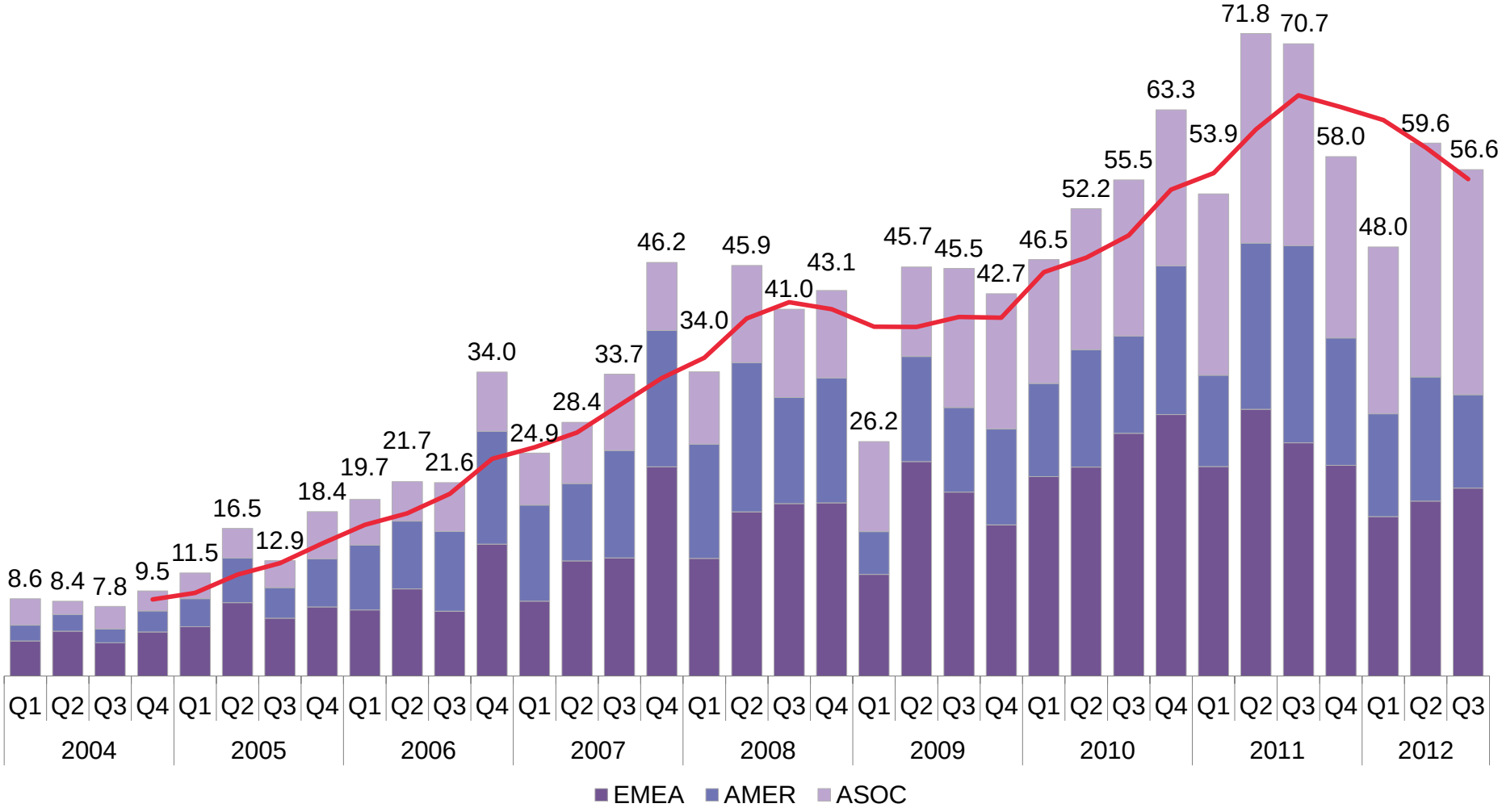


Note: Total values include estimates for undisclosed deals. Excludes corporate and government R&D.
Includes small distributed capacity & adjustment for re-invested equity.

Source: Bloomberg New Energy Finance

NEW INVESTMENT IN CLEAN ENERGY BY REGION

Q1 2004–Q3 2012 ($BN)

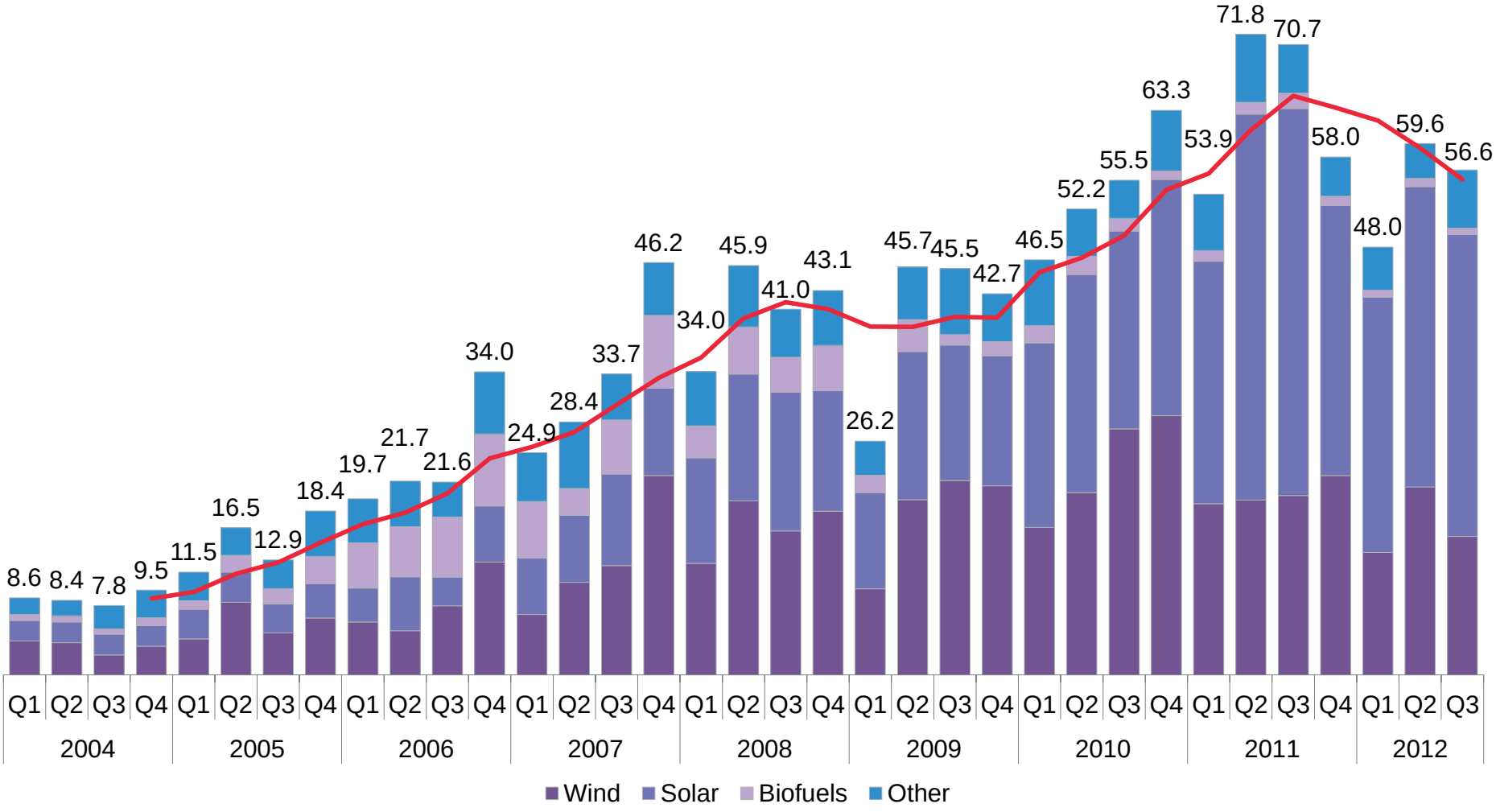


Note: Total values include estimates for undisclosed deals. Excludes corporate and government R&D.
Includes small distributed capacity & adjustment for re-invested equity.

Source: Bloomberg New Energy Finance

NEW INVESTMENT IN CLEAN ENERGY BY SECTOR

Q1 2004–Q3 2012 ($BN)

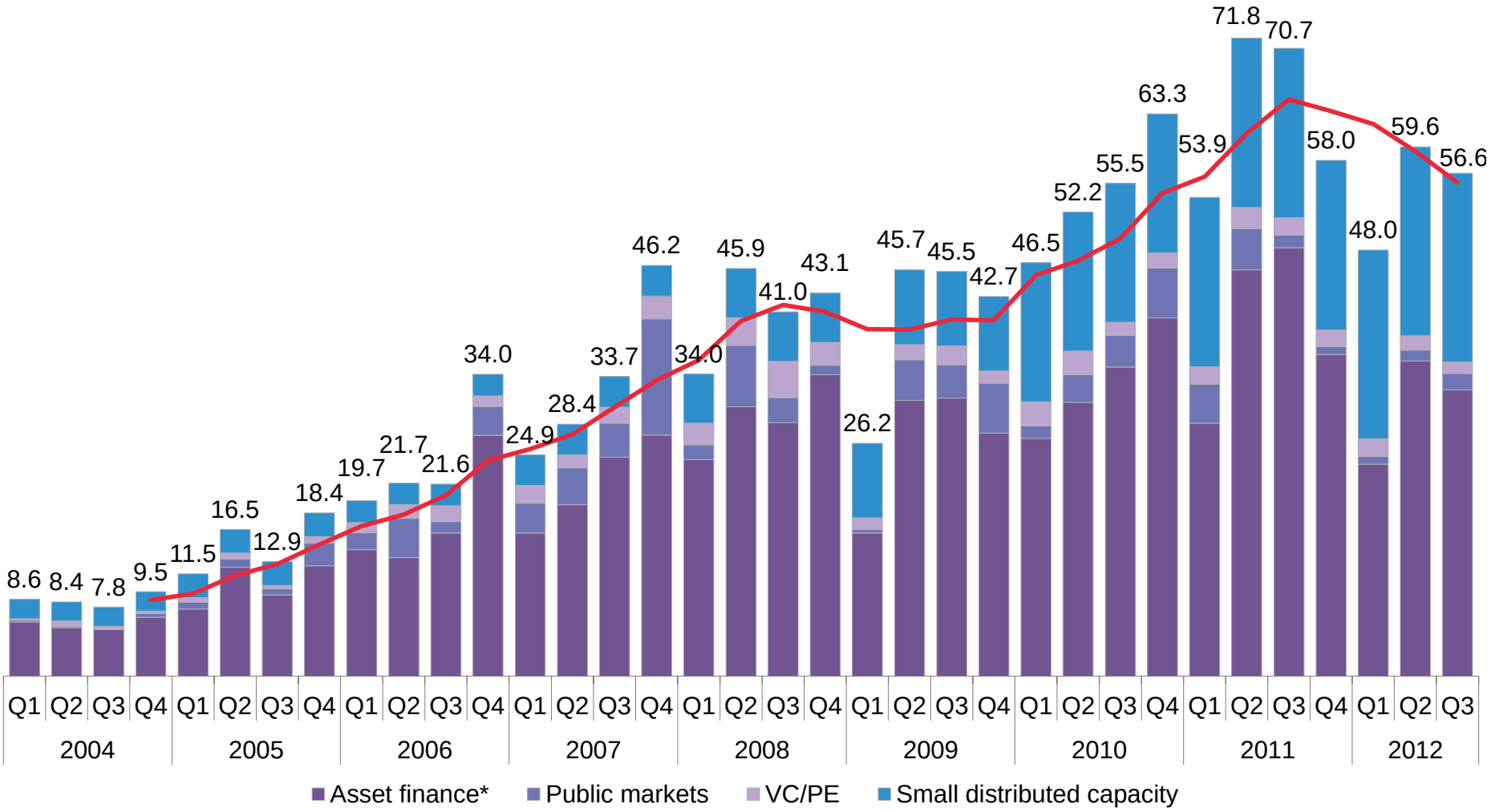


Note: Total values include estimates for undisclosed deals. Excludes corporate and government R&D.
Includes small distributed capacity & adjustment for re-invested equity.

Source: Bloomberg New Energy Finance

NEW INVESTMENT IN CLEAN ENERGY BY ASSET CLASS

Q1 2004–Q3 2012 ($BN)

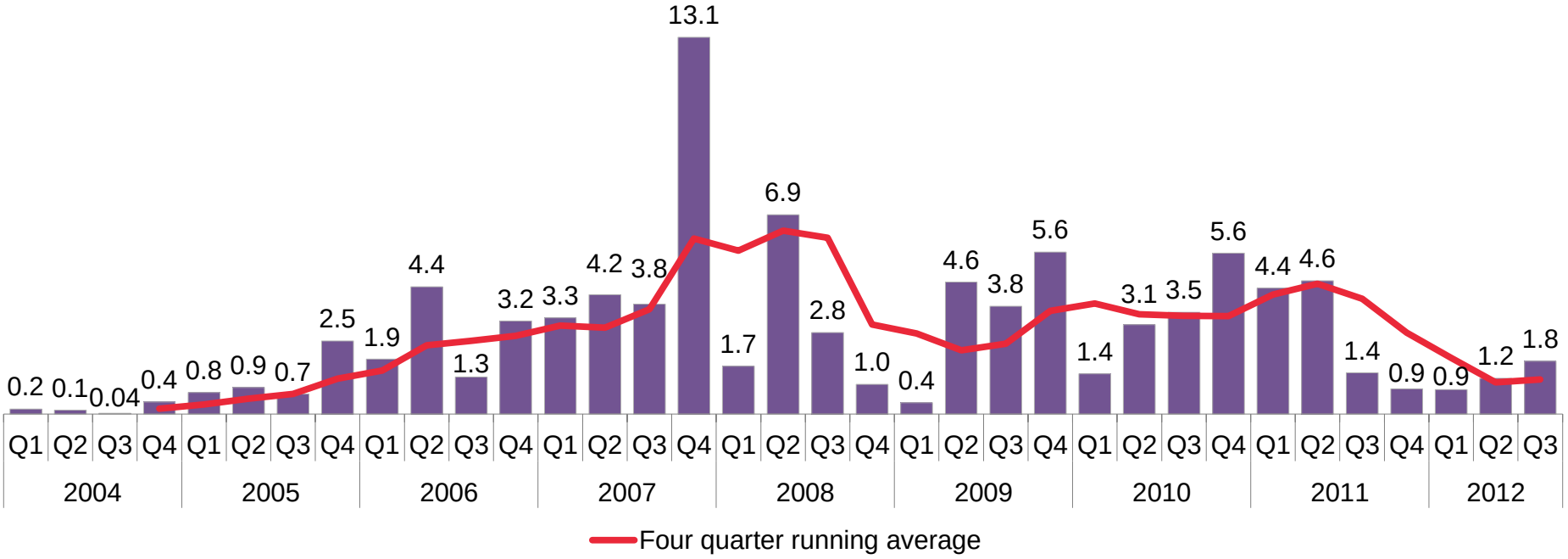


Note: Total values include estimates for undisclosed deals. Excludes corporate and government R&D.
Includes small distributed capacity & adjustment for re-invested equity.

Source: Bloomberg New Energy Finance

PUBLIC MARKET NEW INVESTMENT IN CLEAN ENERGY

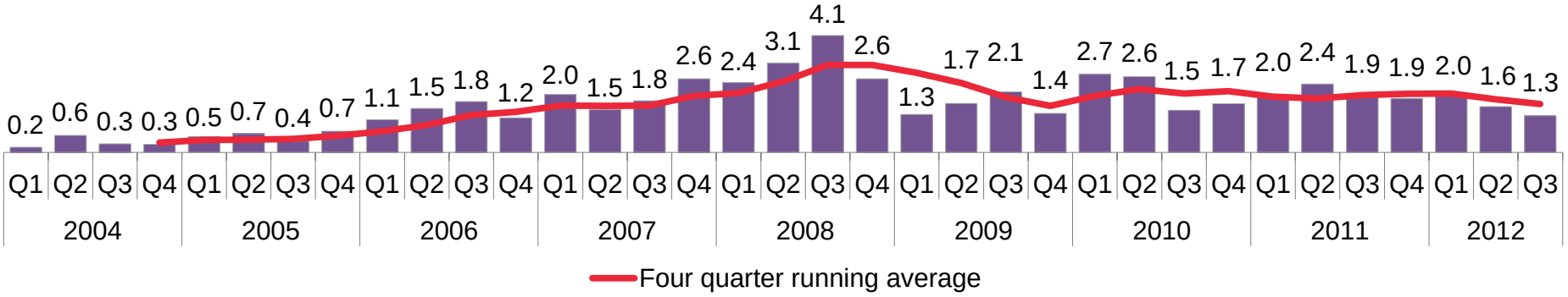
Q1 2004–Q3 2012 ($BN)



Source: Bloomberg New Energy Finance

VC AND PE NEW INVESTMENT IN CLEAN ENERGY

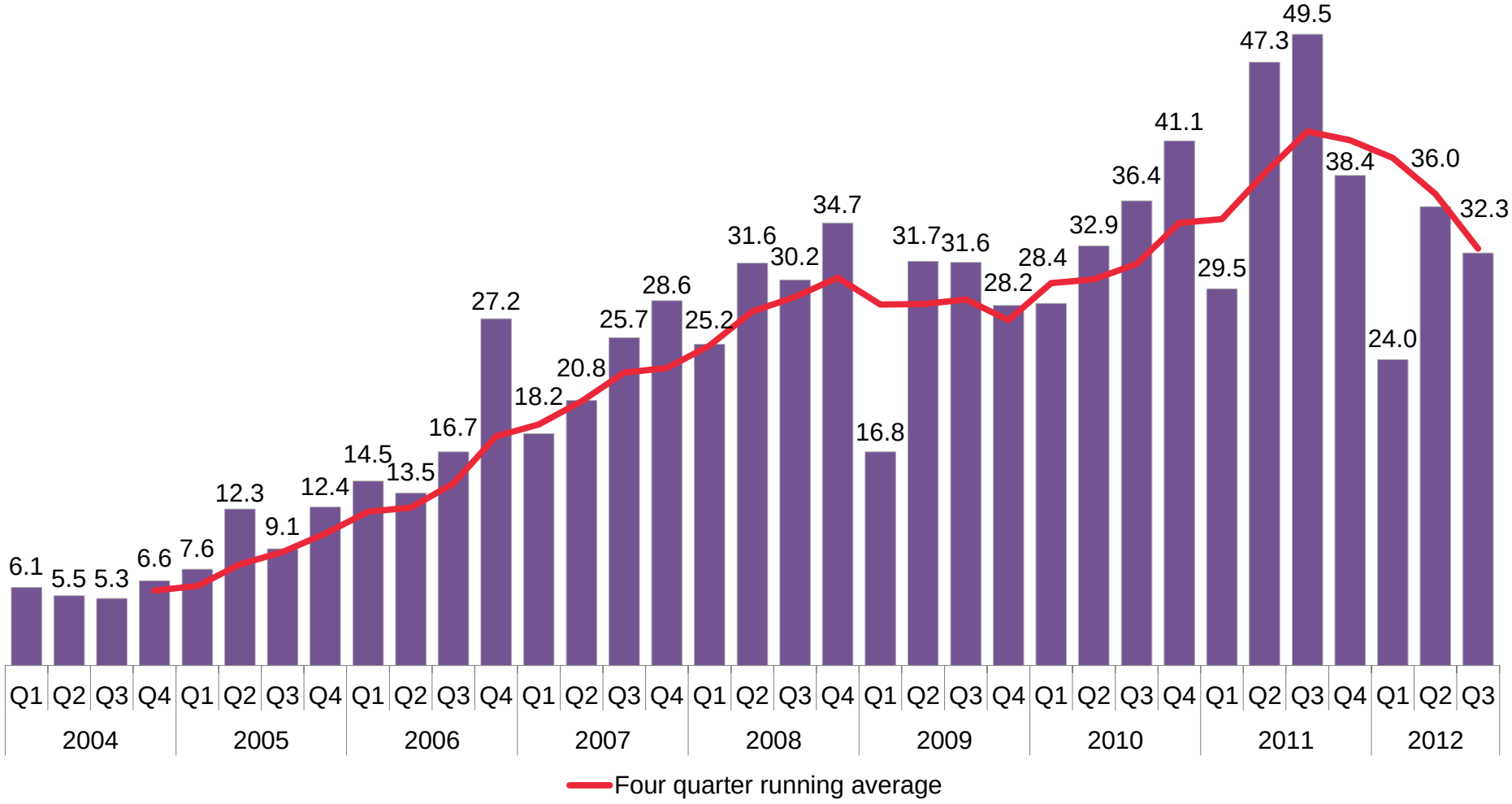
Q1 2004–Q3 2012 ($BN)



Note: Total values include estimates for undisclosed deals

Source: Bloomberg New Energy Finance

ASSET FINANCING FOR NEW BUILD CLEAN ENERGY ASSETS, Q1 2004–Q3 2012 ($BN)



Note: Total values include estimates for undisclosed deals. Excludes small distributed capacity and adjustment for re-invested equity.

Source: Bloomberg New Energy Finance

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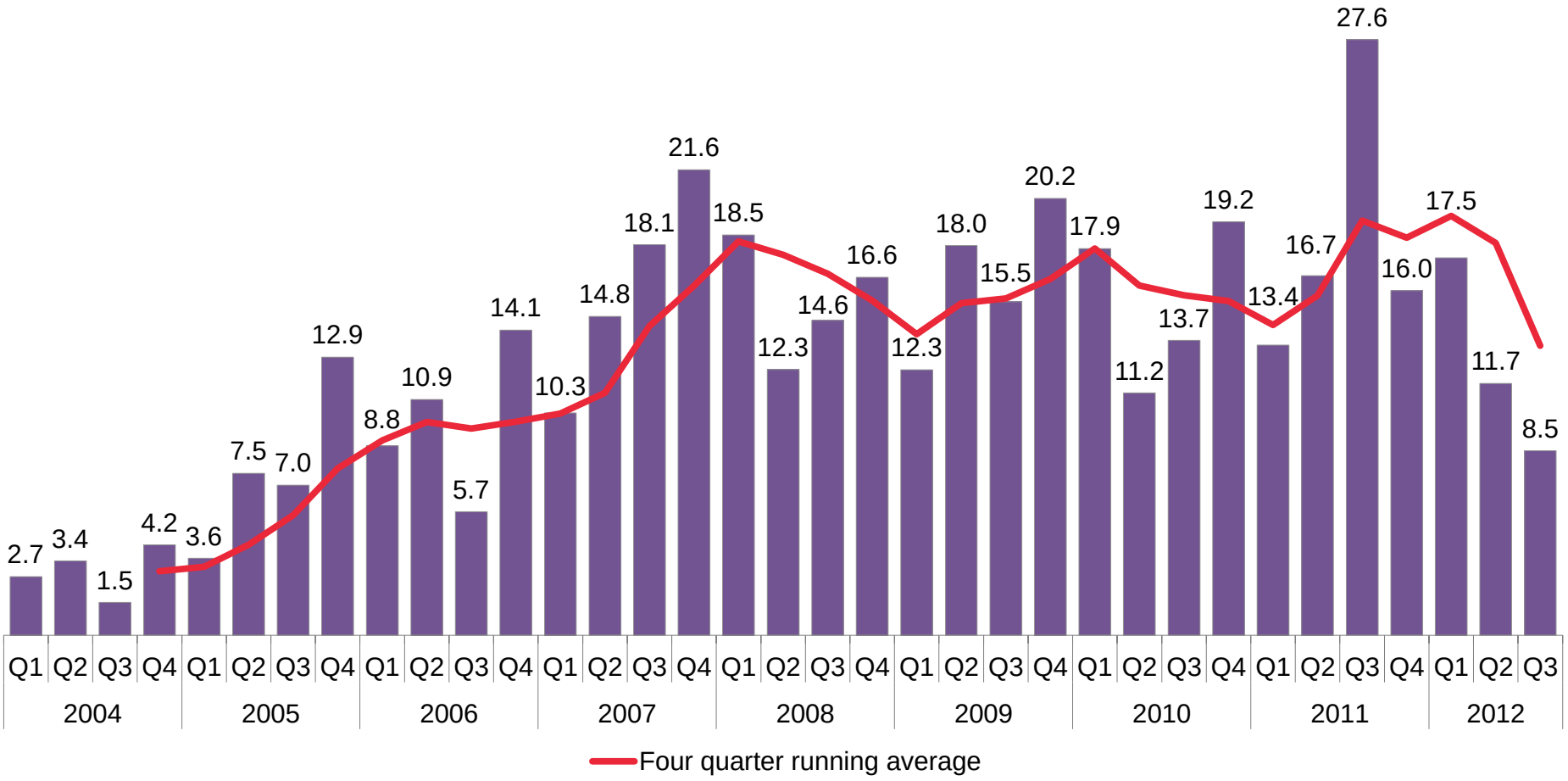
ACQUISITION TRANSACTIONS IN CLEAN ENERGY

Q1 2004–Q3 2012 ($BN)

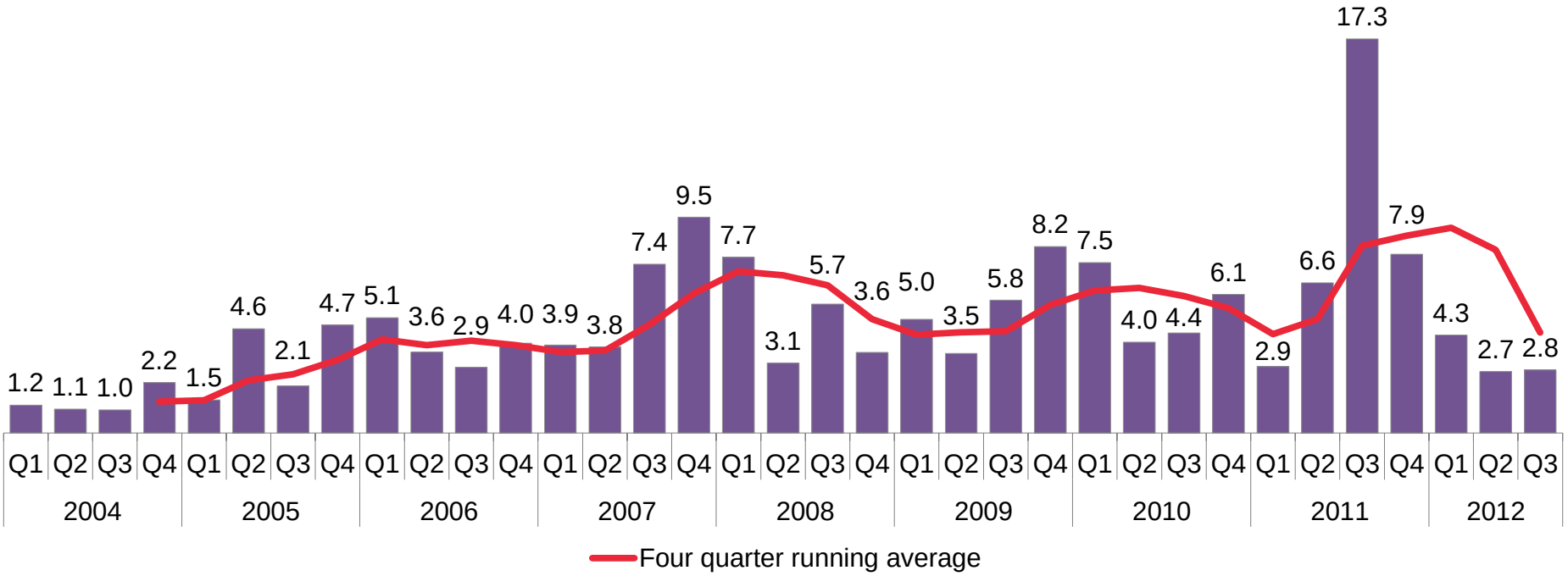


Note: Total values include estimates for undisclosed deals

Source: Bloomberg New Energy Finance

CORPORATE M&A TRANSACTIONS IN CLEAN ENERGY,

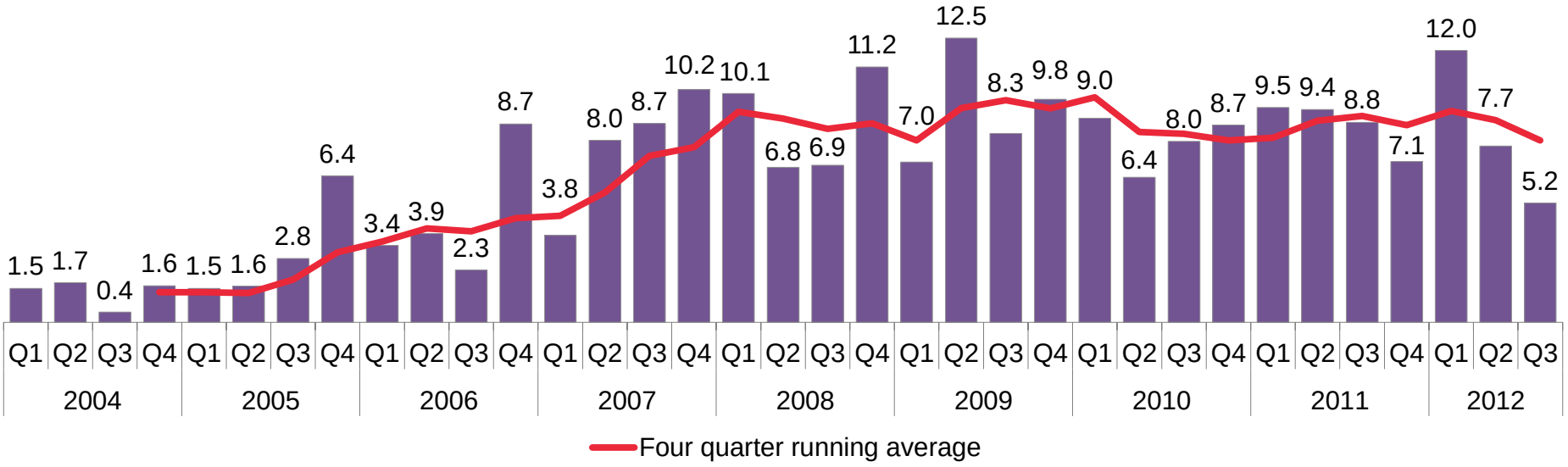
Q1 2004–Q3 2012 ($BN)



Note: Total values include estimates for undisclosed deals

Source: Bloomberg New Energy Finance

RENEWABLE ENERGY ASSET ACQUISITIONS & REFINANCING, Q1 2004–Q3 2012 ($BN)



Note: Total values include estimates for undisclosed deals

Source: Bloomberg New Energy Finance

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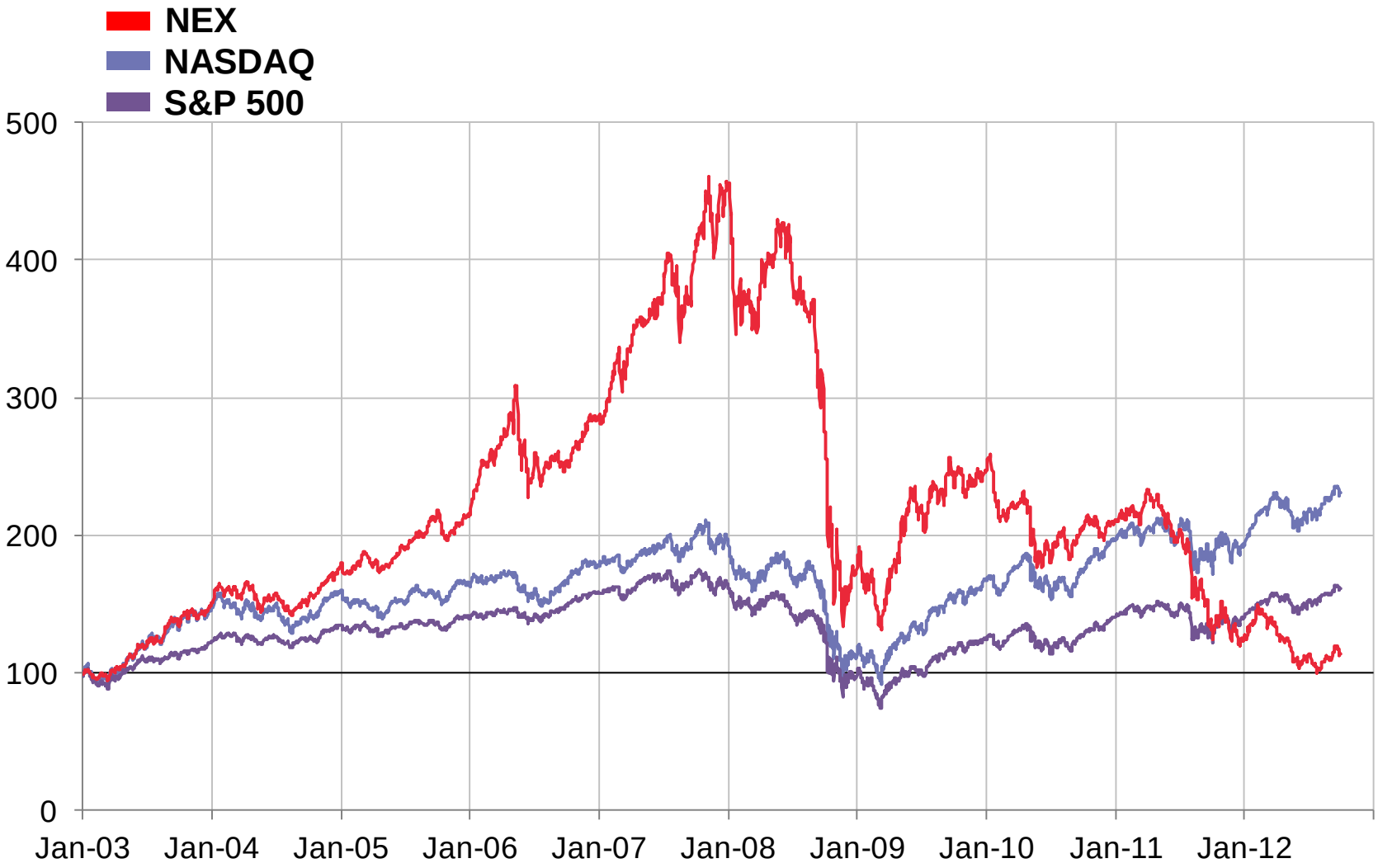
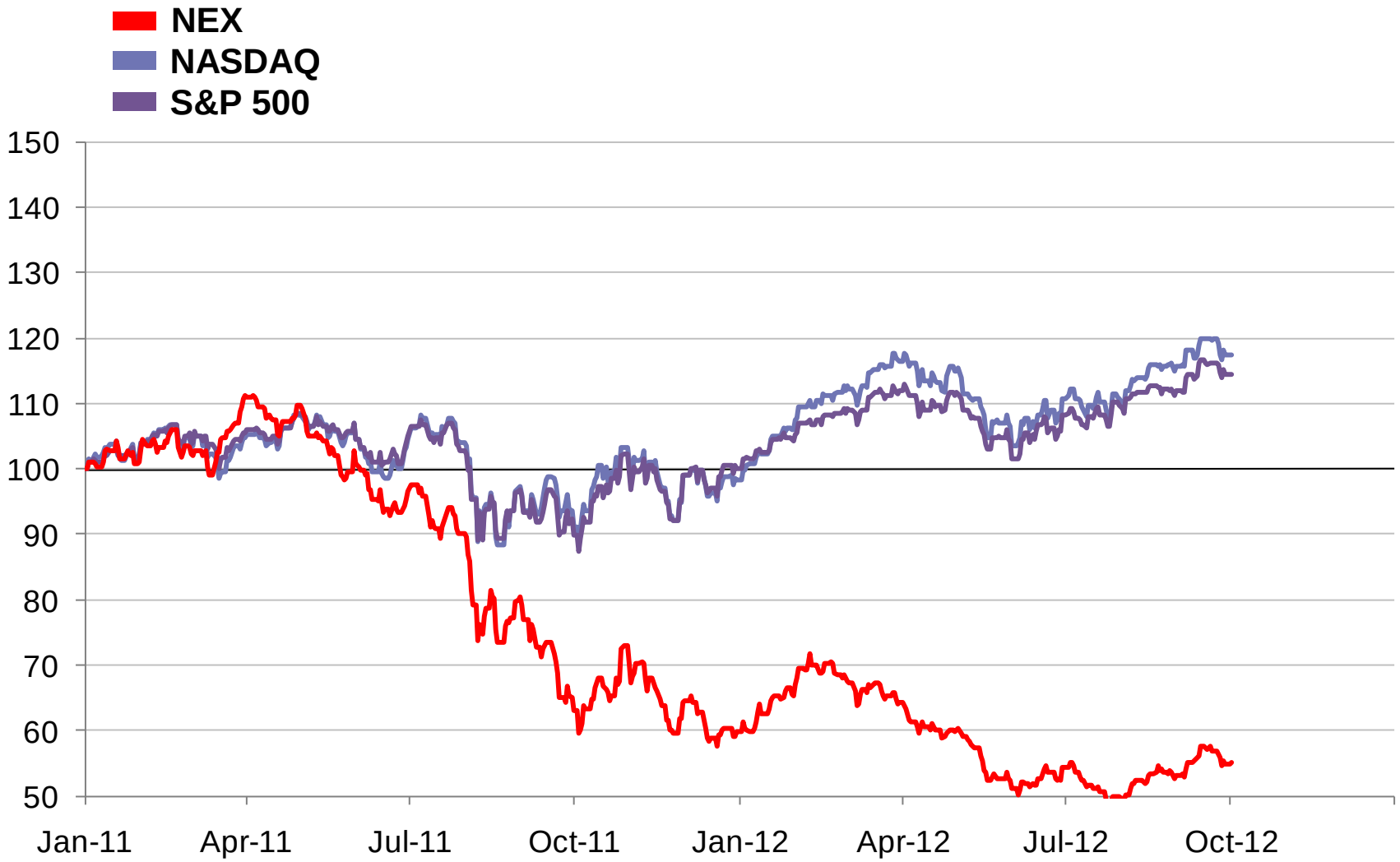
NEX CLEAN ENERGY INDEX 2003 – 2012 YTD



Note: Values as of 1 October 2012; NASDAQ and S&P 500 rebased to 100 on 01 Jan 2003

Source: Bloomberg New Energy Finance

NEX CLEAN ENERGY INDEX 2011 – 2012 YTD

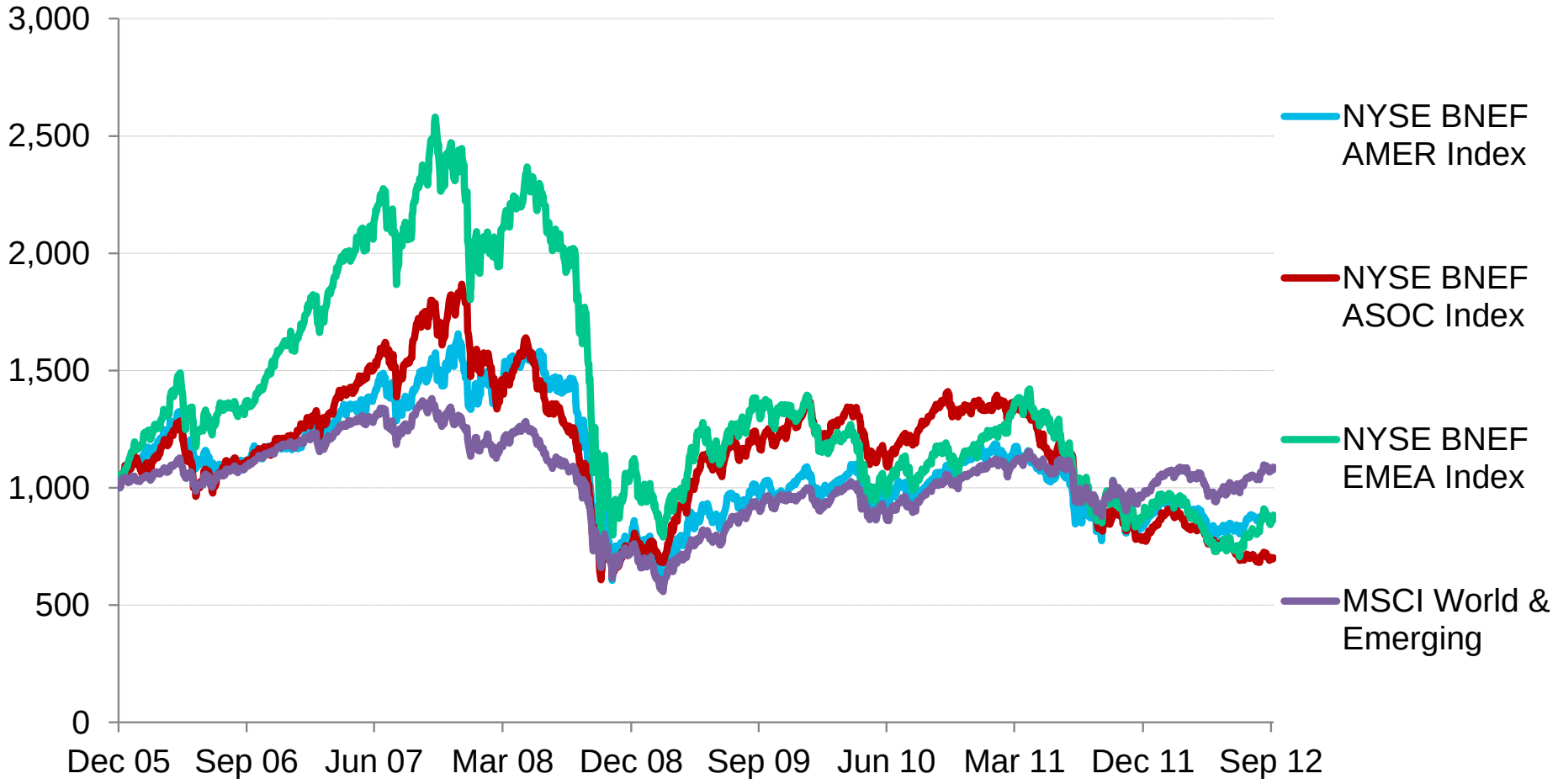


Note: Values as of 1 October 2012; NASDAQ and S&P 500 rebased to 100 on 01 Jan 2011

Source: Bloomberg New Energy Finance

NYSE BNEF REGIONAL CLEAN ENERGY INDEXES

2006 – 2012 YTD

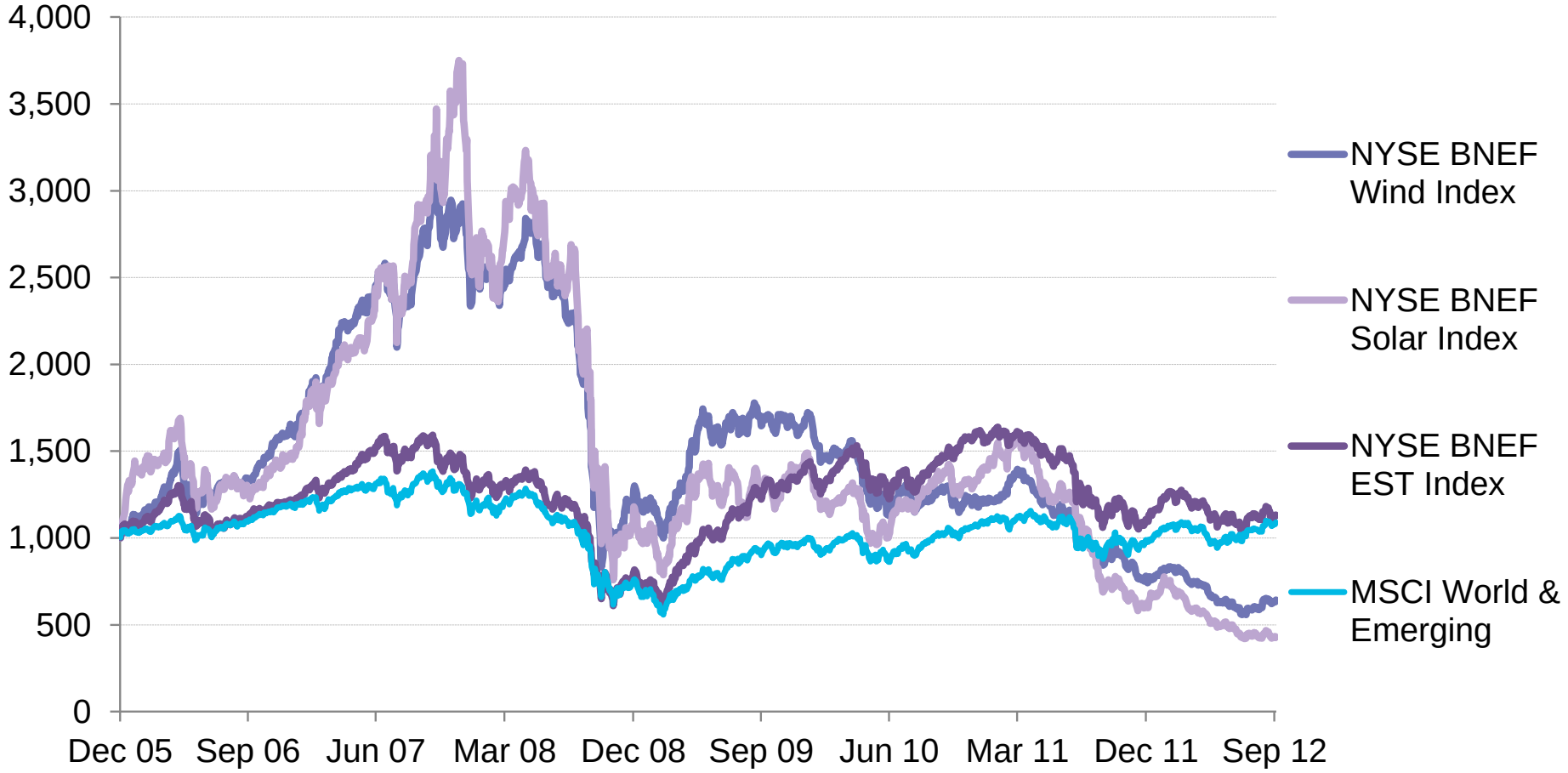


Note: Values as of 7 Oct 2012; rebased to 1000 on 30 Dec 2005

Source: NYSE; Bloomberg New Energy Finance

NYSE GLOBAL CLEAN ENERGY SECTOR INDEXES

2006 – 2012 YTD



Note: Values as of 8 Oct 2012; rebased to 1000 on 30 Dec 2005

Source: NYSE; Bloomberg New Energy Finance

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TOP PUBLIC MARKET TRANSACTIONS OF THE QUARTER

Q3 2012

ORGANISATION	STOCK EXCHANGE	SECTOR	TYPE OF TRANSACTION	NEW EQUITY RAISED	TOTAL OFFERING SIZE
Shanghai Aerospace Automobile Electromechanical Co	Shanghai Stock Exchange	Solar	Secondary	$302.8m	$302.8m
Tesla Motors Inc	Nasdaq Global Select Market	Advanced Transportation	Secondary	$225m	$225m
GT Advanced Technologies Inc	Nasdaq Global Select Market	Solar	Convertible	$220m	$220m
Renova Energia SA	São Paulo (BOVESPA)	Wind	Exercise of Rights	$154.5m	$154.5m
Renewable Energy Corp ASA	Oslo Stock Exchange (Oslo Bors)	Solar	Secondary	$122.5m	$122.5m

Source: Bloomberg New Energy Finance

GLOBAL ASSET FINANCE SUMMARY

Q3 2012

TYPE OF INVESTMENT	AMOUNT	NO. OF DEALS
Total new build asset financing	**$32.3bn**	**247**
Refinancing	$1.2bn	8
Acquisition	$4.0bn	34
Total refinancing & acquisitions	$5.2bn	42
Total asset financing	**$37.6bn**	**289**

REGION	AMOUNT	NO. OF DEALS
China	$12.7bn	107
Europe	$6.0bn	26
United States	$3.8bn	27
Other ASOC	$3.6bn	40
Other EMEA	$2.1bn	5
Brazil	$1.8bn	6
India	$1.4bn	29
Other AMER	$1.0bn	7
Total new build asset financing	**$32.3bn**	**247**

SECTOR	AMOUNT	NO. OF DEALS
Wind	$15.1bn	84
Solar	$11.2bn	132
Small Hydro	$3.4bn	7
Biomass & Waste	$2.0bn	17
Biofuels	$0.4bn	4
Geothermal	$0.2bn	2
Marine	$0.02bn	1
Total new build asset financing	**$32.3bn**	**247**

Note: Total values include estimates for undisclosed deals. Small distributed capacity excluded.

Source: Bloomberg New Energy Finance

GLOBAL VC AND PE SUMMARY

Q3 2012

STAGE/TYPE OF INVESTMENT	AMOUNT	NO. OF DEALS
VC early stage	$0.3bn	33
VC late stage	$0.9bn	36
Total VC	$1.2bn	69
PE expansion capital	$0.1bn	6
Total VCPE new investment in companies	**$1.3bn**	**75**
PE buy-out	$0.5bn	7
Total VCPE for companies	**$1.8bn**	**82**

REGION	AMOUNT	NO. OF DEALS
United States	$1.1bn	59
Europe	$0.1bn	9
Other AMER	$0.02bn	2
India	$0.02bn	2
Other ASOC	$0.02bn	2
Other EMEA	$0.01bn	1
China	-	-
Brazil	-	-
Total VCPE new investment in companies	**$1.3bn**	**75**

SECTOR	AMOUNT	NO. OF DEALS
Energy smart technologies	$0.5bn	31
Solar	$0.5bn	20
Biofuels	$0.3bn	9
Wind	$0.04bn	6
Small Hydro	$0.02bn	2
Biomass & Waste	$0.02bn	3
Marine	$0.01bn	2
Geothermal	$0.001bn	1
Low carbon services & support*	$0.001bn	1
Total VCPE new investment in companies	**$1.3bn**	**75**

Note: Total values include estimates for undisclosed deals

Source: Bloomberg New Energy Finance

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GLOBAL TRENDS IN CLEAN ENERGY INVESTMENT

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MARKETS

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Carbon Markets
Energy Smart Technologies
Renewable Energy Certificates
Carbon Capture & Storage
Power
Water
Nuclear

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News & Briefing: daily, weekly & monthly
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