



ENERGY & INFRASTRUCTURE EQUITY RESEARCH

Updated: 3/21/2017

Oil & Gas, Exploration and Production

Gabriele Sorbara 212-830-4587

COG	Cabot Oil & Gas Corporation
CRZO	Carrizo Oil & Gas
EGN	Energen Corp.
FANG	Diamondback Energy, Inc.
GPOR	Gulfport Energy Corp.
GST	Gastar Exploration Inc.
LPI	Laredo Petroleum, Inc.
NFX	Newfield Exploration Co.
OAS	Oasis Petroleum Inc.
PDCE	PDC Energy, Inc.
PE	Parsley Energy, Inc.
PXD	Pioneer Natural Resources Co.
RICE	Rice Energy Inc.
SM	SM Energy Company
XEC	Cimarex Energy Co.

Utilities, Power & Natural Gas

Christopher Ellinghaus 212-373-4288

ALE	ALLETE, Inc.
AVA	Avista Corporation
BKH	Black Hills Corporation
EE	El Paso Electric Company
ES	Eversource Energy
IDA	Idacorp, Inc.
MDU	MDU Resources Group, Inc.
NWE	Northwestern Corporation
OTTR	Otter Tail Corporation
PNM	PNM Resources, Inc.
PNW	Pinnacle West Capital Corporation
POR	Portland General Electric Co.
SCG	SCANA Corporation
SJI	South Jersey Industries, Inc.

Alternative Energy & Clean Tech

Cynthia Motz 212-373-4211

AYI	Acuity Brands, Inc.
CAFD	8Point3 Energy Partners LP
CREE	Cree, Inc.
FSLR	First Solar, Inc.
SPWR	SunPower Corporation
SSNI	Silver Spring Networks, Inc.

EQUITY RESEARCH LEDGER

03/21/17

Date	Ticker	Company/Industry
03/20/17	CRZO	Carrizo Oil & Gas
03/20/17	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
03/17/17	Industry	Utility Sector Commentary
03/17/17	ALE	Allete, Inc.
03/13/17	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
03/12/17	SSNI	Silver Spring Networks, Inc.

03/10/17	GST	Gastar Exploration Inc.
03/07/17	PNW	Pinnacle West Capital Corporation
03/06/17	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
03/06/17	Industry	Utility Sector Commentary
03/03/17	ALE	Allete, Inc.
03/01/17	PNM	PNM Resources, Inc.
02/28/17	PDCE	PDC Energy, Inc.
02/28/17	PDCE	PDC Energy, Inc.
02/28/17	CREE	Cree, Inc.
02/27/17	SJI	South Jersey Industries
02/27/17	IDA	Idacorp, Inc.
02/27/17	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
02/23/17	AVA	Avista Corporation
02/23/17	RICE	Rice Energy Inc.
02/23/17	OAS	Oasis Petroleum Inc.
02/23/17	SM	SM Energy Company
02/22/17	SSNI	Silver Spring Networks, Inc.
02/22/17	NFX	Newfield Exploration Co.
02/21/17	NWE	NorthWestern Corp.
02/21/17	POR	Portland General Electric Co.
02/21/17	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
02/17/17	CREE	Cree, Inc.
02/17/17	GST	Gastar Exploration Inc.
02/17/17	SCG	SCANA Corporation
02/17/17	Industry	Alternative Energy & Clean Tech
02/16/17	SPWR	SunPower Corporation
02/16/17	ALE	Allete, Inc.
02/16/17	LPI	Laredo Petroleum, Inc.
02/16/17	XEC	Cimarex Energy Co.
02/15/17	FANG	Diamondback Energy, Inc.
02/14/17	Industry	Utility Sector Commentary
02/14/17	GPOR	Gulfport Energy Corp.
02/14/17	NFX	Newfield Exploration Co.
02/14/17	EE	El Paso Electric Company
02/13/17	SSNI	Silver Spring Networks, Inc.
02/13/17	SPWR/FSLR	SunPower/First Solar, Inc.
02/13/17	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
02/09/17	CAFD	8Point3 Energy Partners LP
02/08/17	PE	Parsley Energy, Inc.
02/08/17	PXD	Pioneer Natural Resources Co.
02/08/17	OTTR	Otter Tail Corporation
02/07/17	Industry	Utility Sector Commentary
02/06/17	OTTR	Otter Tail Corporation
02/06/17	Industry	E&P Sector Report
02/06/17	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
02/03/15	BKH	Black Hills Corporation
02/03/15	MDU	MDU Resources Group, Inc.
02/01/15	PDCE	PDC Energy, Inc.
01/31/17	SM	SM Energy Company
01/31/17	SJI	South Jersey Industries
01/30/17	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
01/27/17	POR	Portland General Electric Co.
01/27/17	Industry	Utility Sector Commentary
01/25/17	BKH	Black Hills Corporation

01/25/17	CREE	Cree, Inc.
01/24/17	Industry	Utility Sector Commentary
01/24/17	Industry	E&P Sector Report
01/23/17	ES	Eversource Energy
01/23/17	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
01/19/17	Industry	Utility Sector Commentary
01/17/17	GPOR	Gulfport Energy Corp.
01/17/17	LPI	Laredo Petroleum, Inc.
01/17/17	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
01/11/17	EE	El Paso Electric Company
01/11/17	SM	SM Energy Company
01/11/17	PE	Parsley Energy, Inc.
01/09/17	AYI	Acuity Brands, Inc.
01/09/17	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
01/04/17	SSNI	Silver Spring Networks, Inc.
01/04/17	PDCE	PDC Energy, Inc.
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12/27/16	ALE	Allete, Inc.
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12/26/16	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
12/21/16	Industry	Alternative Energy & Clean Tech
12/20/16	FANG	Diamondback Energy, Inc.
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12/09/16	ALE	Allete, Inc.
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12/07/16	GPOR	Gulfport Energy Corp.
12/05/16	MDU	MDU Resources Group, Inc.
12/05/16	PDCE	PDC Energy, Inc.
12/05/16	CREE	Cree, Inc.
12/05/16	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
12/02/16	SM	SM Energy Company
12/02/16	Industry	Utility Sector Commentary
11/28/16	SSNI	Silver Spring Networks, Inc.
11/28/16	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
11/23/16	SJI	South Jersey Industries
11/17/16	FSLR	First Solar, Inc.
11/14/16	Industry	E&P Sector Report
11/14/16	Industry	Utility Sector Commentary
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11/02/16	SM	SM Energy Company
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11/02/16	NFX	Newfield Exploration Co.
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09/27/16	MDU	MDU Resources Group, Inc.
09/26/16	Industry	E&P Weekly Catalyst Monitor & Comp Analysis
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09/02/16	ES	Eversource Energy
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07/26/16	Industry	Power & Natural Gas Utilities Sector Report
07/25/16	NWE	NorthWestern Corp.

07/05/16	TE	TECO Energy Inc.
07/05/16	Industry	Power & Natural Gas Utilities Sector Report
06/27/16	Industry	Power & Natural Gas Utilities Sector Report
06/06/16	ALE	Allete, Inc.
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02/18/15	ALE	Allete, Inc.
01/28/15	ALE	Allete, Inc.

01/23/15	ALE	Allete, Inc.
09/15/14	UNS	UNS Energy
06/26/14	AVA	Avista Corporation
06/18/14	TE	TECO Energy Inc.
06/17/14	AVA	Avista Corporation
05/15/14	ALE	Allete, Inc.
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01/31/14	TE	TECO Energy Inc.
01/17/14	Industry	Power & Natural Gas Utilities Sector Report
01/03/14	NVE	NV Energy Inc.
08/14/13	POM	Pepco Holdings Inc.
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11/09/12	Industry	Power & Natural Gas Utilities Sector Report
11/08/12	OGE	OGE Energy Corp.
11/08/12	PNM	PNM Resources
11/08/12	SCG	SCANA Corporation
11/07/12	UIL	UIL Holdings Corp.
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08/06/12	SCG	SCANA Corporation
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08/02/12	UNS	UNS Energy
07/31/12	NVE	NV Energy Inc.
07/26/12	NWE	NorthWestern Corp.
04/18/12	NST	NSTAR
03/05/12	PNM	PNM Resources
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