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Exclusive Insight on Power M&A and Project Financing

Power Finance & Risk

The weekly issue from **Power Intelligence**

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Abengoa Blueprints Global YieldCo

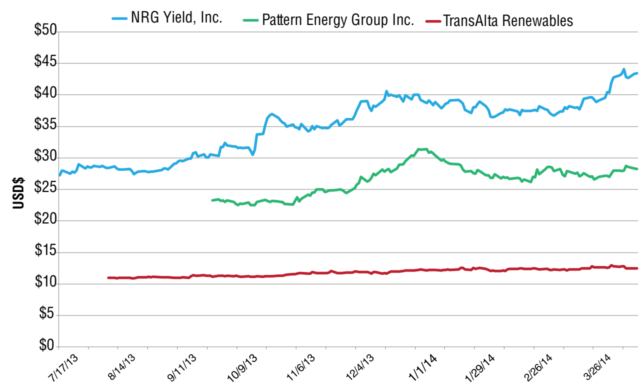
Abengoa has filed to take a portfolio of global power and transmission assets public in a NASDAQ-listed yield company. **Citigroup** and **Bank of America Merrill Lynch** are the underwriters for Abengoa Yield.

Abengoa filed an F-1—the S-1 equivalent for a foreign company—with the U.S. **Securities and Exchange Commission** on April 1. The company told analysts at its investor day in New York earlier this month that it plans to start the road show "sometime in the coming weeks," says an analyst who was in attendance. The company will be traded as ABY.

The company is joining a growing list of companies spinning off contracted assets into publicly traded yield vehicles to raise capital. **SunEdison** has been talking with bankers in New York about joining the underwriting team for its planned **SunEdison Yield** (PI, 3/21).

(continued on page 8)

Watching Yield Co. Share Prices Grow



Source: Yahoo! Finance

Georgia PSC Issues Mammoth Solar RFP

The Georgia **Public Service Commission** has issued a request for proposals via **Southern Company** for 495 MW of utility scale solar photovoltaic generation in the state to go online in 2015 and 2016. **Accion Group** will be the independent evaluator of the RFP.

The RFP is split into the Advanced Solar Initiative and the Advanced Solar Initiative Prime.

The ASI requires a project of no less than 1 MW and no more than 20 MW to be constructed in Georgia. It must be connected directly to the **Georgia Power Electric System**, or the **Georgia Integrated Transmission System** and cost $120/MWh on a levelized basis. The winning bids must be commercially operational by Jan. 1, 2016.

The ASI Prime is divided into two sections. One section seeks projects between 1 MW and 210 MW in service by the end of

(continued on page 8)

MISO Results Up, But Short Of Expectations

MISO's second capacity auction yielded capacity price increases in each zone but fell short of some estimates. Eight of out of MISO's nine zones came in just north of $16/MW-day for 2014-2015 compared to the system wide clearing price of $1.05/MW-day last year.

The results were lackluster compared to some estimates that they could start in at $50/MW-day, potentially reaching north of $100/MW-day in some zones, particularly Illinois. "It's a lot better than last year; $50 would have been a lot more interesting," says a generation owner, referencing the conservative end of several estimations.

The prices in zones four and five are largely pegged on how **Dynegy** bid its portfolio, which expanded this year on its 4.1 GW coal-fired acquisition from **Ameren Corp**. (PI, 3/14/13). In total,

(continued on page 8)

At Press Time: BBVA Banker Heads To SMBC

Juan Kreutz, executive director of energy in U.S. debt capital markets origination at **BBVA**, is heading up the natural resources group at SMBC.

See story, page 2

PPA Pulse: Spotlight On Solar

Utilities are looking to lock in offtake contracts for solar generation ahead of the investment tax credit expiry.

See feature, page 7

Deals & Firms Of The Year Awards

PFR is launching its annual **Deals & Firms Of The Year Awards**, recognizing excellence in the power industry in 2013.

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AT PRESS TIME

SMBC Picks Up BBVA Banker

Juan Kreutz, executive director of energy in U.S. debt capital markets origination at BBVA, has moved to **Sumitomo Mitsui Banking Corp**. as executive director and group head of natural resources specialized finance. He began at the bank's New York office this month.

Kreutz will focus on financing U.S. oil and gas, including shale gas, pipelines and liquefied natural gas facilities, in the newly created role. He reports to **Isaac Deutsch**, co-head of specialized finance Americas.

SMBC established the post as part of its move to carve up its energy platform into power and natural resources groups, in order to grow each of those businesses. **Carl Morales** heads up the power group.

Kreutz joined BBVA in 2011 and focused on debt capital markets origination in the oil and gas space. "He's got a lot of experience in that space and he'll be a real boost in that business," says a banker familiar with the hire. Prior to BBVA, Kreutz held positions at **Barclays**, **WestLB** and **Credit Suisse**.

Officials at BBVA and SMBC declined to comment. BBVA's plans for replacing Kreutz could not be learned.

THE BUZZ

Solar continues to make headlines this week, in both distributed generation and utility-scale, with **SunEdison** and **SunPower** nailing down financings. SunPower has sealed $42 million in non-recourse debt from **Hannon Armstrong** backing an expansion of its leasing program (see story, page 6). **Deutsche Bank** wrapped the first $150 million tranche of a $300 million revolver for SunEdison for development and acquisition of projects in North America.

Bankers are still moving around the market. **Juan Kreutz** of **BBVA** is the latest player to make the leap, taking a post as head of **Sumitomo Mitsui Banking Corp**.'s new natural resources group (see story, above). The hire, and the creation of a dedicated natural resources group, is a reflection of SMBC's efforts to grow that business given shale, liquefied natural gas, pipeline and petrochemical developments in North America. SMBC split its energy platform to establish the natural resources and power groups. **Carl Morales** will head up the power team.

Shops with an appetite for unregulated generation are preparing to sink their teeth into the first stage of due diligence for **Duke Energy**'s **Commercial Power** subsidiary (see story, page 7).

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Generation Sale DATABASE

GENERATION AUCTION & SALE CALENDAR

These are the current live generation asset sales and auctions, according to *Power Intelligence*'s database. A full listing of completed sales for the last 10 years is available at www.powerintelligence.com/AuctionSalesData.html

Seller	Assets	Location	Advisor	Status/Comment
AES Corp.	Stakes (DPL Energy Coal, Gas, Oil)	Various	Barclays	Indicative bids due early March; likely to overlap with Duke (PI, 2/24).
Acciona	Portfolio (Wind, Solar)	Various	Lazard	First rounds bids submitted (PI, 3/31).
ArcLight Capital Partners	Juniper Generation (Cogen portfolio)	Various, California	McManus & Miles	Sale relaunched after several PPAs were extended (PI, 3/17).
	Peakers (2 GW Gas)	Various, Georgia	TBA	Carved peakers out of Southeast PowerGen to sell (PI, 3/24).
	Stake (106.5 MW Cogen)	Orange, Texas	None	Rockland is buying its stake (PI, 3/31).
	Victoria (330 MW CCGT)	Victoria, Texas	UBS	Sale is near launch (PI, 4/7).
BP Wind Energy	Various (3.7 GW Wind project portfolio)	Various	TBA	NextEra is looking at the development assets (PI, 1/20).
Canadian Solar	Little Creek (8.5 MW Solar)	Nappanee, Ont.	TBA	BluEarth Renewables is buying it as part of a portfolio (PI, 4/7).
Corona Power	Stake (Sunbury, 900 MW Repowering)	Shamokin Dam, Pa.	Perella Weinberg	First round offers due April 14 (PI, 3/31).
▶ Duke Energy	Portfolio (6.6 GW Coal, Gas, Oil)	Various	Citi, Morgan Stanley	Teasers hit the market (see story, page 7).
EmberClear	Portfolio (660 MW CCGT developments)	Good Spring, Pa.	CCA Capital	Tyr has partnered on the development assets (PI, 3/31).
Entegra Power Group	550 MW Stake (2.2 GW Union Station CCGT)	Arkansas	Bank of America	Gearing up to sell the unit that has a tolling agreement (PI, 3/31).
Essar Group	Algoma (85 MW CCGT)	Algoma, Ontario	Barclays	Teasers are on the market (PI, 1/13).
FGE Power	FGE Texas (726 MW CCGT)	Westbrook, Texas	Fieldstone	Fieldstone is advising on equity hunt in tandem to debt raise with Goldman.
Finavera Wind Energy	Portfolio (368 MW Wind)	B.C.	CapWest	Pattern is buying the Meikle and Tumbler Ridge projects with option to buy another pair (PI, 3/24).
First Solar	Macho Springs (50 MW Solar)	Luna County, N.M.		Southern Turner Renewable Energy is buying the project (PI, 3/17).
Greenwood Energy, Soltage	Portfolio (12 MW Solar)	Various	Ambata Securities	John Hancock is financing construction with a equity stake (PI, 1/27).
JPMorgan	Jackson (540 MW Gas)	Jackson, Mich.	JPMorgan	Consumers Energy is buying it (PI, 2/17).
K Road Power	McHenry (25 MW Solar)	Modesto, Calif.	TBA	Firm backed by BlueMountain, Global Cleantech is buying it (PI, 3/10).
LS Power	Columbia (20 MW Solar)	Pittsburg, Calif.	Marathon Capital	Process is in the second round of due diligence (PI, 7/1).
	Stake (417 MW Hydro)	Pennsylvania	None	Brookfield is buying 33% for $289M (PI, 2/17).
	Cherokee (98 MW CCGT)	Gaffney, S.C.	Suntrust Humphrey Robinson	Teasers are on the street (PI, 11/18).
MACH Gen	Stakes	Various	Moelis	Filed for bankruptcy; ECP gets stake via swap (PI, 3/10).
NRG Energy	Various (Gas, Solar)	Various	None	Dropdowns to NRG Yield (PI 4/14).
NextEra Energy Resources	Pheasant Run II (75 MW Wind)	Huron County, Mich.	None	DTE Electric is considering buying the farm via a PPA option (PI, 3/3).
Norvento USA	Bloom (180 MW Wind)	Dodge City, Kan.	TBA	Capital Power bought the project (PI, 3/24).
Ontario Teachers Pension Plan Board	Stake (Northern Star Generation)	Various	Citigroup	Buyers moved into the second round (PI, 3/17).
Optim Energy	Portfolio (1.4 GW Coal, Gas)	Texas	Barclays	Mulling a sale via bankruptcy filing (PI, 3/10).
Project Resources Corp.	Rock Aetna (21 MW Wind	Minnesota	Alyra Renewable Energy Finance	Looking for a buyer with access to turbines to qualify for PTC (PI, 1/13).
Ram Power Corp.	Geysers (26 MW Geothermal)	Sonoma County, Calif.	TBA	U.S. Geothermal has bought it (4/14).
Recurrent Energy	Portfolio (139 MW Solar)	California		Dominion is buying the assets (PI, 4/7).
Suzlon	Big Sky (240 MW Wind)	Illinois	Marathon Capital	EverPower is buying the merchant farm from lender Suzlon (PI, 2/17).
Terra-Gen Power	Alta (947 MW Wind)	California	Citigroup, Morgan Stanley	Management presentatios are set to begin week of 3/24 (PI, 3/24).
TransAlta	Wailuku (10 MW Hydro)	Hawaii	TBA	MidAmerican Energy Holdings is buying TransAlta's stakes for $193M (PI, 3/3).
	Fleet (327 MW Geothermal)	California		
	Fleet (867 MW Gas)	Various		
Wayzata Investment Partnes	Guadalupe (1 GW CCGT)	Marion, Texas	Tudor, Pickering & Holt	Calpine launched B loan add-on to finance (PI, 2/24).
We Energies	Presque Isle (425 MW Coal)	Marquette, Wis.	None	No buyers submitted proposals in RFP (PI, 3/10).
▶ Tenaska Solar Ventures	Stake (150 MW Csolar West)	El Centro, Calif.	TBA	Silver Ridge is upping its stake to +20% (see story, page 7).

▶ **New or updated listing**

*The accuracy of the information, which is derived from many sources, is deemed reliable but cannot be guaranteed. To report updates or provide additional information on the status of financings, please call Senior Reporter **Holly Fletcher** at (212) 224-3293 or e-mail hfletcher@iiintelligence.com.*

PROJECT FINANCE DEAL BOOK

Deal Book is a matrix of energy project finance deals that Power Intelligence is tracking in the energy sector. A full listing of deals for the last several years is available at http://www.powerintelligence.com/projectfinancedeal.html

Live Deals: Americas

Sponsor	Project	Location	Lead(s)	Loan	Loan Amount	Tenor	Notes
BluEarth Renewables	Renewable Projects	Canada	TBA	TBA	~C$300	TBA	Sponsor looking for debt backing wind, hydro and solar projects in Canada (PI, 2/17).
Cameron LNG	LNG Export Facility	Hackberry, La.	TBA	TBA	~$4B	TBA	Sponsor is shooting for pricing of L+175 bps (PI, 3/10).
Cape Wind Associates	Cape Wind (420 MW Wind)	Nantucket Sound, Mass.	BTMU, Natixis, Rabo	TBA	TBA	TBA	Sponsor adds Natixis and Rabo as leads with BTMU (PI, 3/31).
Cheniere Energy	Sabine Pass Trains 3 & 4 (LNG Export Facility)	Sabine Pass, La.	TBA	TBA	$4.4B	TBA	Sponsor ups the original bank loan to $4.4 billion and taps Korean entities for a further $1.5 billion (PI, 6/3).
Competitive Power Ventures	St. Charles (Gas)	Charles County, Md.	GE EFS	TBA	~$600M	TBA	Sponsor is looking to tighten pricing following on from the Woodbridge deal (PI, 4/14).
Dalkia/Fengate	Merrit (40 MW Biomass)	Merrit, B.C.	BTMU	TBA	$168M	TBA	Sponsor aims to wrap the financing early next year (PI, 12/2).
Duke Energy	Los Vientos III & IV (Wind)	Starr County, Texas	TBA	TBA	~$600M	TBA	The sponsor is slated to look for bank debt (PI, 10/7).
EDP Renewables North America	Headwaters (200 MW Wind)	Randolph County, Ind	TBA	Tax Equity	$350-400	TBA	The sponsor is looking to secure both equity and tax equity investment (PI, 6/24).
FGE Power	FGE Texas (726 MW Gas)	Westbrook, Texas	Goldman Sachs	TBA	TBA	TBA	The sponsor is close to lining up equity and will tap Goldman Sachs to launch a B loan (PI, 1/27).
First Wind	Oakfield (147 MW Wind)	Aroostook County, Maine	TBA	TBA	$300M	TBA	The sponsor is shooting for pricing of L+225 bps (PI, 3/24).
▶ Fisterra Energy	Ventika (252 MW Wind)	Nuevo Leon, Mexico	TBA	TBA	$490M	TBA	Sponsor wraps the five bank deal (see story, page 5).
Freeport LNG	Freeport (LNG Export Termial)	Freeport, Texas	Credit Suisse, Macquarie	TBA	~$4B	TBA	More than 20 lenders are eyeing the deal, with some offering tickets of $600M (PI, 2/10).
GDF Suez/Marubeni	GNL del Plata (LNG Re-gas)	Montevideo, Uruguay	BBVA	TBA	TBA	TBA	GDF brings in Marubeni and taps BBVA to lead the financing (PI, 8/12).
Innergex	Three projects (153 MW Hydro)	B.C., Canada	TBA	TBA	$590M	40-yr	Innergex wrapped on one of its hydro facilities, the 17.5 MW Northwest State River (PI, 6/3).
Invenergy	Nelson (584 MW Gas)	Rock Falls, Ill.	GE EFS	TBA	TBA	TBA	Sponsor is looking for a bank loan backing the merchant facility (PI, 9/2).
KSPC, Samsung	Kelar (517 MW Gas)	Chile	Natixis	TBA	TBA	TBA	The JV appoints Natixis as lead on the deal (PI, 1/13).
Lake Charles Exports	Lake Charles (LNG Export Facility)	Lake Charles, La.	TBA	TBA	TBA	TBA	Sponsor begins preliminary financing search for the potentially $11B project (PI, 8/26) .
Magnolia LNG	Magnolia LNG (LNG Export Facility)	Lake Charles, La.	BNP, Macquarie	TBA	$1.54B	TBA	Sponsor expected to mandate leads by year end (PI, 12/9).
New Generation Power	NGP Texas (400 MW Wind)	Haskell County, Texas	TBA	Construction/ Term/Tax Equity	~$700M	TBA	This is the sponsor's largest deal to date (PI, 4/14).
NTE Energy	Multiple (Gas)	U.S.	Whitehall	TBA	TBA	TBA	Sponsor is looking to line up equity investors and then debt backing three projects in the U.S. (PI, 3/10).
Pattern Energy	Panhandle II (TBA Wind)	Carson County, Texas	Credit Ag, NordLB, BayernLB	Construction	~$500M	C	The deal will likely be a "copy, paste" of the Panhandle I deal, say observers (PI, 11/18).
Radback Energy	Oakley (586 MW Gas)	Contra Costa County, Calif.	BTMU	Term	$990M	4-yr	Deal is temporarily put on hold following an appellate court decision (PI, 11/11).
Sempra U.S. Gas & Power	Energía Sierra Juárez (156 MW Wind)	Baja California, Mexico	BTMU	TBA	~$250M	TBA	A club of banks and agencies are near close on the deal (PI, 3/24).
Tenaska	Imperial Solar Energy Center West (150 MW CPV)	Imperial County, Calif.	TBA	TBA	TBA	TBA	The company has started talking to banks as it looks to line up debt for the facility (PI, 9/23).
Transmission Developers	Champlain Hudson Transmission Line	New York State	RBC	TBA	~$1.6B	TBA	Sponsor is aiming to line up the debt by year-end (PI, 3/3).

▶ **New or updated listing**

*The accuracy of the information, which is derived from many sources, is deemed reliable but cannot be guaranteed. To report updates or provide additional information on the status of financings, please call Senior Reporter **Nicholas Stone** at (212) 224-3260 or e-mail nicholas.stone@iiintelligence.com.*

PROJECT FINANCE

Blackstone Energy Affiliate Closes On Mexico Wind

Blackstone Energy Partners-backed **Fisterra Energy** and **CEMEX** have closed a $490 million debt package backing the 252 MW Ventika wind project in Nuevo Leon, Mexico. It will be Mexico's largest onshore wind facility.

The **North American Development Bank**, **Banobras**, **Nafin**, **Bancomext** and **Banco Santander** took tickets in the deal. The size of the tickets, pricing and tenor could not be learned by press time. The project has a development price tag of $650 million, translating to a debt to equity ratio of 75:25.

It is Fisterra's first major project financing since teaming up with Blackstone last January (PI, 2/1). Fisterra identifies, develops, finances, constructs and operates large-scale independent power projects, with a focus in Latin America, Europe and the Middle East.

The project will be developed in two 126 MW phases and comprises 84 Acciona AW-3000 wind turbines. These projects will sell their output to businesses located nearby, including facilities belonging to **FEMSA**, **DEACERO**, **Tecnológico de Monterrey and CEMEX** under a supply agreement approved by the **Mexican Energy Regulatory Commission**.

Construction will begin this quarter with commercial operation expected by the second quarter of 2016.

Pedro Barriuso, Fisterra's chairman and ceo, handled the company's efforts. Calls placed to Blackstone officials in New York were not returned by press time. Bank officials either declined comment or did not respond to inquiries.

SunEdison Seals Deutche Bank Revolver Tranche

SunEdison has closed the first $150 million tranche of a $300 million three-year revolving credit facility arranged by **Deutsche Bank Securities**. The funds will be used to support the development and acquisition of new projects in the U.S. and Canada.

The credit facility is immediately available. The company has a development pipeline of 3.4 GW, as of its most recent earnings call, up 269 MW on the previous quarter and 805 MW year-over-year. As of Dec. 31, the company had 504 MW projects under construction globally. SunEdison has now financed 325 MW of projects via credit facilities.

Additional lenders will participate in the second tranche of the revolver, according to a company statement. The identity of potential lenders and acquisitions and a timeline for wrapping the next tranche could not be learned by press time.

The Belmont, Calif.-based developer recently closed a $100 million tax equity deal with **Wells Fargo** as part of *(continued on page 6)*

PROJECT FINANCE

(continued from page 5) an ongoing arrangement with that bank (PI, 3/24) and has been meeting with investment banks in New York ahead of taking a portion of its assets public in a yieldco (PI, 3/21).

This is SunEdison's third construction revolver.

Calls placed to SunEdison officials were not returned by press time. Deutsche Bank officials were not immediately available for a comment.

SunPower Lands Hannon Armstrong Infrastructure Financing

Solar developer **SunPower** has landed $42 million in non-recourse debt backing the expansion of its solar leasing program. **Hannon Armstrong Sustainable Infrastructure Capital** is the sole lender and arranger on the debt.

SunPower has 20,000 American households signed up to its lease program. SunPower's solar lease is a financing option that allows businesses to generate power with small or no upfront investment. Lease agreements with SunPower are typically between 15 and 20 years, after which time the contract may be extended.

The San Jose, Calif.-based company most recently closed a roughly $220 million deal with **Bank of America Merrill Lynch** (PI, 2/7). It also hired **Natalie Jackson**, formerly of **BrightSource Energy**, as a managing director of project finance as it looks to expand its operations (PI, 10/8).

SunPower and Hannon Armstrong officials in Annapolis, Md., did not respond to inquiries by press time.

Small-Scale Wind Co. Hunts Development Capital

Small-scale wind developer **United Wind** is looking to land roughly $75 million in capital as it seeks to expand its development pipeline.

Based in Brooklyn, N.Y., and founded last year, United builds small-scale wind projects for farms, businesses and large properties. The company's platform is similar way to residential solar companies, as it builds projects for customers for low or no cost and then sells the generation to the customer.

United installs 10 kW to 50 kW turbines, sometimes in clusters, and has projects across 14 states. "Because of wind speeds, state level support and power price curves, wind can be a very, very effective way to power a home a farm or a business," says **Aaron Lubowitz**, coo.

The company is looking to land a tailored tax equity and debt financing package and is talking with potential investors. "Our preferred party is someone that understands the tax credit business, the credit risk, they understand leasing, but also want to be in the businesses of financing these types of transactions," says Lubowitz, adding that the company is also talking to interested parties to raise around $3 million in corporate financing.

United landed a $25 million tax equity package last year, although Lubowitz declined to name the financing party involved. Lubowitz, formerly of **Morgan Stanley** and **Alternative Capital Partners**, began at United last month.

POWER TWEETS

The #Power Tweets feature tracks trends in power project finance and M&A in the Americas on **Twitter**. For more news and coverage, follow @power_intel on Twitter, as well as Managing Editor @SaraReports and Senior Reporters @HollyFletcher and @NicStone.

@CalPERS: CalPERS to vote its 2.1 million shares against Duke Energy directors http://ow.ly/vMnSx

@SNLEnergy: #Crowdfunding could make up a full 25% of total annual investment in rooftop #solar within 5 years: http://bit.ly/1oWLDeW

@iimag: Most popular: #Climatechange is a deeply polarizing issue as editor @mppeltz found out when writing this article. http://bit.ly/1lLe794

@GlennaWiseman Pigeon pooh affects #Solar opex says Josh Weiner @NRGRSS #GTMSS14 answer to @solarmj @ "what keeps you up at night"? #SolarChat

@NobleIdeas RT @NRGMedia: On residential #solar: "Solar City was first mover. We'd love to give these guys a run for their money." – Tom Doyle #GTMSS14

@JigarShahDC: Looks like loans, not leases will be the fastest growing residential #solar financing tool #GTMSS14 pic.twitter.com/5UFMEKSeU0

@JMSilver_energy Agree w Brookings that bond market is opening to renewables and good source of capital, but why is this so unusual?http://www.brookings.edu/research/reports/2014/04/16-clean-energy-through-bond-market …

@SolarCurator Most intriguing US-China #solar trade scenario? Negotiated solution. But deal would be more complex than EU-China deal. #GTMSS14 #SolarChat

MERGERS & ACQUISITIONS

AES Solar Affiliate Increasing Tenaska Solar Stake

Silver Ridge Power is increasing its equity stake in a 150 MW solar project in Imperial County, Calif., owned by **Tenaska Solar Ventures**. Silver Ridge, formerly known as **AES Solar**, currently owns 1% of the Imperial Solar Energy Center West project and will own upwards of 20%, according to two filings with the U.S. **Federal Energy Regulatory Commission**.

The equity deal is one component of the financing package that is being arranged to fund construction of the project. Tenaska expects to put in place "a traditional project finance structure without the need for a tax equity investor," a spokeswoman says in a statement to PFR. The acquisition will likely be finalized in June in conjunction with the debt package.

Tenaska began talking with lenders in the fall about lining up around $500 million for the project known as CSolar West (PI, 9/20). The project is expected to test power early in 2015 and go into full operation in 2016. It has a 25-year power purchase agreement with **San Diego Gas & Electric**.

Details such as pricing and deal leads for CSolar West could not be immediately learned.

Duke Floats Commercial Teasers

Duke Energy has launched the sale of its unregulated generation in Ohio, Pennsylvania and Illinois. Sellside advisors **Citigroup** and **Morgan Stanley** recently sent out teasers for the 6.6 GW of coal- and gas-fired assets to a large group of prospective buyers. A timeline for first round bids for Commercial Power, which has a $3.5 billion book value, has not yet been set.

AES Corp. is co-owner alongside Duke on six coal-fired plants in the Commercial Power fleet and is also out to sell its respective stakes in a separate auction run by **Barclays** (PI, 2/18). Although the AES and Duke assets are expected to attract many of the same buyers, the outcome could see two different buyers picking up stakes in the same plants because Duke prefers to sell its fleet as a whole.

Duke does not plan to carve out the coal-fired generation despite the possible, and likely, scenario that a buyer would want to own larger stakes in the coal-fired generation but be outbid on Commercial Power as a whole. A split Commercial Power would leave an "attractive" gas-fired portfolio up for the taking, says another prospective investor.

Duke reignited the sale process following a decision by the **Public Utilities Commission of Ohio** to deny recovery of additional capacity costs (PI, 2/14).

PPA PULSE

PPA Pulse: Hunt For Solar PPAs Heats Up

*The PPA Pulse is a guide to which sponsors and projects have recently garnered power purchase agreements in the Americas. To report updates or additional information please contact Data Associate **Stuart Wise** at swise@iiintelligence.com.*

Sponsors and utilities are racing to line up power purchase agreements for solar projects that will be online by the 2016 expiration of the investment tax credit at the end of 2016. The push to lock-in power prices enhanced by federal tax credits for projects is prompting utilities including some owned by **Duke Energy** and **Xcel Energy** to launch solar generation calls (PI, 2/18 & 3/5).

- **Austin Energy** has agreed to 25-year PPAs for two **SunEdison** solar projects in West Texas that will total 150 MW. Long-term fixed pricing will be in the range of $45 to $55 per MWh.
- **Gestamp Solar** and **8minutenergy Renewables** have signed a 20-year contract to sell 50 MW from the Midway solar project in Imperial County, Calif., to **Pacific Gas & Electric**. The project is expected to be online in 2016.
- San Antonio-based **OCI Solar Power** has signed 25-year PPA with **CPS Energy** for the second phase of the 400 MW Alamo 2.
- **Innergex Renewable Energy** has a signed a 20-year PPA with **Hydro-Québec Distribution** for the 150 MW Mesgi'g Ugju's'n wind project in the Avignon Regional County Municipality in the Gaspé Peninsula in Quebec.
- **Los Angeles Department of Water and Power** has agreed to a 25-year PPA with First Solar's 250 MW Moapa solar project on the Moapa River Reservation in Nevada. Construction is to be completed in 2015.
- The city council of Columbia City, Mo., has tabled a proposal from **Iberdrola Renewables** for a 20-year PPA to provide to **Columbia Water & Light** 20 MW of wind energy at $29 per MWh from the 146 MW Farmers City wind project in Atchison County, Mo.
- **TradeWind Energy** has signed 20-year PPAs with the **Grand River Dam Authority** in Oklahoma for the 136 MW Mustang Run project in Osage County, Okla., and the 98 MW Breckinridge Project near Enid, Okla.
- **TSGW Solar** is set to enter a 25-year offtake agreement and master lease agreement with **Hawaiian Telecom** for 7.5 MW of rooftop solar energy at 78 sites on Oahu, Big Island, Maui and Kauai.
- **SunEdison Government Solutions** plans to sign a 20-year PPA with **Long Island Power Authority** at a rate of $0.1688 per kWh for its 2 MW ground mounted project on the site of capped Cutchogue landfill in Southold, N.Y.
- **Washington Gas Energy Systems**, a subsidiary of WGL **Holdings**, has signed a 20-year PPA with Santa Clara County, Calif., for its 2.6 MW Bloom Energy project that will use natural gas and biogas.

Abengoa Blueprints *(Continued from page 1)*

The initial portfolio will consist of 11 contracted renewable, conventional and transmission assets in the U.S., Mexico, Peru, Chile, Uruguay, Brazil and Spain. The generation assets total 1,010 MW. The transmission assets span 1,018 miles, according to the F-1. The assets had $2.895 billion in project finance debt at the end of 2013.

The renewable subset totals 710 MW and includes concentrating solar facilities in the U.S. and Spain as well as a wind farm in Uruguay. The assets were chosen to give the fleet technological and geographical diversity.

The portfolio also includes a preferred equity stake in Abengoa subsidiary **Abengoa Concessoes Brasil Holding**, which develops and owns assets, primarily transmission lines, in Brazil.

Initial Abengoa Yield Portfolio

Asset	Size, Type	Location	Offtaker	Contract Years Remaining
Solana	280 MW Solar CSP	Arizona	Arizona Public Service	29
Mojave	280 MW Solar CSP	California	Pacific Gas & Electric	25
ACT	300 MW Gas-Fired	Mexico	Pemex	19
ATN	362 Miles Transmission	Peru	Peru	27
ATS	569 Miles Transmission	Peru	Peru	30
Quadra 1, Quadra 2	81 Miles Transmission	Chile	Sierra Gorda	21
Palmucho	6 miles Transmission	Chile	Endesa	23
Palmatir	50 MW Wind	Uruguay	Uruguay	20
Solaben 2*	50 MW CSP Solar	Spain	Spain	24
Solaben 3*	50 MW CSP Solar	Spain	Spain	24

**Itochu Corp. owns 30% of each*

Source: U.S. Securities and Exchange Commission

Abengoa Yield will have a right of first offer on contracted assets that the parent might look to sell. Abengoa owns $4.5 billion assets, including water desalination or treatment facilities, that could be put up for sale. Abengoa has flagged 10 assets that potentially could be sold to the yieldco, in 2015 and 2016.

– Holly Fletcher

Georgia PSC *(Continued from page 1)*

2015, and the other section is for up to 215 MW for a facility to be in service by the end of 2016. The Commission's order requires the ASI Prime RFP be open to all bidders, including Southern Co. and its subsidiaries, and consider any and all financial structures.

ASI winning bids will garner a 20-year power purchase agreement, while ASI-Prime winners will secure a 15-, 20-, 25- or 30-year contract depending on the project.

Based on the expected response from the marketplace, **Georgia Power** intends to first select proposals to fill ASI-Prime with up to 425 MW and thereafter select proposals to fill ASI with up to 70 MW.

The company received a robust response to the 2013 ASI solicitation, which included multiple bids priced significantly under the price cap of $120/MWh and **Southern Co.** expects to receive highly competitive bids from the market, according to documents tendered at the PSC. Each bidder is responsible for costs of all new facilities up to the point of interconnection with the transmission or distribution system. Officials at **Southern Co.** in Atlanta declined to reveal the identity of any previous bidders.

Proposals are due at the independent evaluator by April 30. The Commission is expected to make a decision regarding the RFP by Dec. 16, 2014.

Calls placed to **Lauren McDonald**, **Jr**. at the PSC, **Christopher Keller** at Southern Power and **Harry Judd** at Accion were not returned by press time.

– Nicholas Stone

MISO Results *(Continued from page 1)*

roughly 136.9 GW of resources cleared MISO's auction.

Dynegy could have used its sizeable fleet to push prices higher under MISO rules depending on its bidding strategy, say an analyst and other observers. While the prices are the result of a deeper basket of factors, how Dynegy bid its facilities, and to what extent the generation has contracts, plays an outsize role in pricing in some of the zones and thus piqued the interest of generation owners.

MISO is the less enigmatic neighbor to the more robust PJM — a characteristic that has put more electrons heading east on transmission lines — but a few factors could increase the amount of MISO generation that stays in MISO in the coming years.

PJM is exercising stricter limitations on MISO imports — measures that have historically been in place but are currently being strengthened, say generation owners that currently straddle the border. Imports from MISO into PJM for the 2016-2017 capacity auction resulted in lower prices, taking some generation owners and developers by surprise (PI, 5/31). While pricing in MISO did increase it's not plush enough to keep generation owners from exploring transmission avenues into PJM, says one investor.

Additionally, capacity pricing in MISO is expected to be pushed higher on coal-fired closures under mercury and air toxics standards from the U.S. **Environmental Protection Agency**.

M&A and financing efforts in MISO have been hit and miss over the last few years as demand remained slack. Several auctions have been shelved and in some cases auctions have been launched, pulled, re-launched then sent to refinancing. The uncertainty about MISO was reflected most recently with **Rockland Capital**'s decision to finance the acquisition of three Ameren facilities totaling 1,166 MW with a $50 million loan from **GE Energy Financial Services** backed solely by the one plant in PJM (PI, 4/9).

While the results of the recent auction "won't send people running" to existing generation, they will create modest interest in areas that have been traditionally been quiet, including **Entegra Power Groups**' 2.2 GW Union Station combined cycle in El Dorado, Ark.

Entegra has been queuing up a sale of a 550 MW unit of its Union Station facility where zonal pricing notched in at $16.44 per MW/day (PI, 3/28). The shop had been expected to start the sale midway through the first quarter but teasers from advisor **Bank of America Merrill Lynch** have not hit the street despite some investors questioning their whereabouts. The auction is expected to tee off now that capacity pricing is in.

MISO officials did not respond to interview requests through a spokeswoman. Officials and spokeswomen for Dynegy, Tenaska and Entegra either declined to comment or didn't respond to inquiries.

– Holly Fletcher

