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NaturEner Scores Novel Deal

NaturEner closed a wind financing, the first to use a U.S. Department of the Treasury cash grant.

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El Paso Scours Debt Markets

El Paso will court debt markets to fund its \$3 billion Ruby Express Pipeline project after a fund took a stake in the project.

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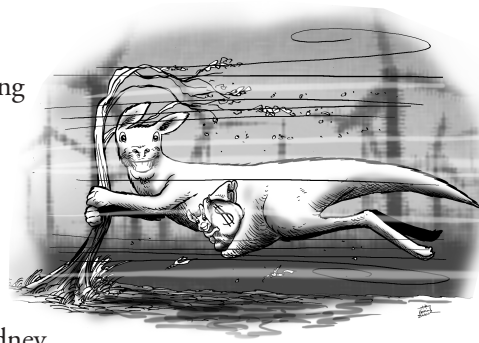
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MACQUARIE GROUP HUNTS BROADLY FOR FINANCING

A Macquarie Capital Wind Fund partnership is talking to Australian, American and European lenders to finance the first phase of its \$2 billion, 1 GW Silverton wind farm in Australia. "We recognize that it's a large deal, but we believe the volume of financing is available. We'll be drawing on all of the relationships of the partners," says Ian Kay, division director at affiliate Macquarie Capital Advisers in Sydney, adding the partners aim to finance the facility with at least 66-75% debt.



(continued on page 7)

Day of the Dolphin

EMIRATES PIPELINE OWNER COMPLETES JUMBO BOND PLACEMENT

Dolphin Energy, the owner of a 226-mile natural gas pipe in the United Arab Emirates, landed a massive refinancing last Monday, including an upsized \$1.25 billion bond issue. The robust bond market allowed banks to scale back their loan commitments to \$1.42 billion.

The \$4.11 billion package refinances a \$3.45 billion bridge loan that expires at month-end and was put in place ahead of securing project financing. The two billion cubic feet per day natural gas pipeline extends from Qatar's North Field to Abu Dhabi.

The project benefitted from no construction risk and is fully operational with investment

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DUKE FEELS OUT BANKS ON WIND

Duke Energy is talking to banks about several wind projects in its 3 GW development pipeline, feeling out the market rather than looking to finance a specific project. With wind development now costing roughly \$2 million per megawatt, the pipeline's price tag could top \$6 billion. The first deal will likely come to fruition in the first quarter of next year.

Duke has reportedly contacted Barclays, BNP Paribas, Dexia Crédit Local and Royal Bank of Scotland. A Duke spokesman says the company is considering its financing options for wind projects, but declined to confirm its participation in lender discussions or make an official available. Bank officials either declined to comment or did not return calls.

The company is particularly interested in wind projects or portfolios with a combination of turbines including Clipper and Suzlon, which have had malfunctions in the past year. Edison Mission Energy, for example, whittled down its wind portfolio this year to

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Check www.iipower.com during the week for breaking news and updates.

At Press Time

Deutsche Bank Flips City Financier To NY

Deutsche Bank has relocated **Bhaswar Chatterjee**, director in project and structured finance in London, to New York. He is working on developing its North American finance and advisory business for utility and infrastructure projects. "We wanted to build out our advisory business because in this market, you have to do a full sweep and be strong across the board," says a bank official.

Chatterjee started in the new position last month and reports to **Bernd Fislage**, managing director and head of project finance and capital advisory in Europe and the Americas in Frankfurt, Germany. He will also be working closely with **Jonathan Yellen**, head of North American infrastructure and project finance. Calls to Chatterjee and Yellen were not immediately returned and a spokeswoman says they were unavailable for comment by press time. Plans to fill Chatterjee's post in London could not be learned.

NaturEner Wraps First Cash Grant Wind Deal

NaturEner has wrapped the first financing based on the assumption that the project will receive funding from the U.S. Department of Treasury's cash grant program. **Morgan Stanley**, which is providing the construction loan, will opt to take the production tax credits on the project, if it does not receive the grant, says a firm official.

The bank is providing a \$125 million loan for the developer to construct a 103.5 MW Glacier 2 wind farm in Ethridge, Mont., and a tax equity takeout of comparable size upon construction completion this fall (PFR, 7/10).

The deal is already providing an example for other wind developers looking to finance projects with the grants, says **Keith Martin**, partner at **Chadbourne & Park** in Washington D.C. He points to an AES deal backing a Pennsylvania wind farm set to close this week and a **Horizon Wind Energy** deal backing an Illinois wind farm set to close this month. Developers and banks are willing to structure the deals based on future cash grants because they have confidence that the Treasury will provide the funds to any qualified project. "This is a directive. [The Treasury] doesn't have a choice on releasing the funds," Martin explains.

"It clearly made the deal more interesting for tax equity investors," says **Alfredo Cahuas**, cfo of NaturEner in San Francisco. "It really gives you another tool to finance these projects."

The cash grant, which accounts for 30% of the project's cost, will be available 60 days after the project's completion this fall and will be distributed to Morgan Stanley and NaturEner. The Treasury will begin receiving applications for the grant in August (PFR, 7/17). The terms of the deal, such as pricing and tenor, could not be immediately learned.

Tell Us What You Think!

Do you have questions, comments or criticisms about a story that appeared in *PFR*? Should we be covering more or less of a given area? The staff of *PFR* is committed as ever to evolving with the markets and we welcome your feedback. Feel free to contact **Jeanine Prezioso**, managing editor, at 212-224-3226 or jprezioso@iinews.com.

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Institutional Investor NEWS
INTELLIGENCE FIRST

Geo Advisory Shop Targets Private Equity Funding

Glacier Partners Corp., coming off advising Magma Energy's acquisition of a stake in Icelandic geothermal concern HS Orka, says it is working with two or three major players in the industry to tap private equity to develop geothermal projects in the U.S.

Ignacio Kleiman, managing director, and Charles Arrigo, director, in New York, would not provide further details on the projects. Raising capital has been a challenge across all sectors but especially for geothermal, Arrigo says. "It's tough for geothermal to get capital and it's a capital-intensive industry and not fully understood by the investor community," he told *PFR*.

The New York-based advisory shop helped Magma purchase a 10.78% equity stake in HS Orka for around \$25 million from Geysir Green Energy. The deal is expected to close at the end of September. Glacier is a spin-off of Iceland's Glitnir Bank and announced in March that it partnered in the U.S. with boutique investment bank Pritchard Capital Partners with which it will fully merge by the end of the year (*PFR*, 3/20). Its partner in Iceland is consulting firm Capacent, with which it advised on the Magma transaction. The firm is working on further projects with Geysir but would not disclose them.

El Paso To Tackle Pipe Debt

El Paso is looking to tap debt to fund its \$3 billion Ruby Express Pipeline. The debt is in addition to the \$550-700 million stake taken by Global Infrastructure Partners last week, which El Paso has agreed to match with a cash injection, leaving \$1.6-\$1.9 billion to be debt financed.

The company is in discussions with financial advisor Credit Suisse, for the project, a spokesman says. Kinder Morgan Partners, Sempra Energy and Conoco Phillips issued \$600 million in unsecured notes and secured a revolving credit facility specifically to fund construction of their \$4.4 billion Rockies Express Pipeline and, Bill Ferara, an analyst at Standard & Poor's in New York, notes these could be possible funding avenues for Ruby. A spokesman declined to identify the advisor or the debt options under consideration. Mark Leland, cfo, and bank CS officials did not return calls.

"These are guys that we know well and we know the space well," notes a GIP official, adding El Paso has agreed to take on the construction risk by funding possible cost overruns.

GIP's investment consists of \$405 million in 7% secured notes that will be exchanged for a convertible preferred equity interest at the close of construction financing, a \$145 million preferred equity interest that will be exchanged for a convertible preferred interest in Ruby upon the pipeline's completion and \$150 million convertible preferred

interest that will be used pending the amount of debt raised on the project.

The 675-mile, 42-inch natural gas pipeline will stretch from the Opal Hub in Wyoming and traverse Utah and Nevada to Malin, Ore. Construction will likely start next year with the project slated for operation in 2011.

Sithe To Take Bank Pitches For Ontario Plant

Details on financing Sithe Global's C\$1 billion (\$919 million) 800 MW Southdown natural gas-fired power plant in Mississauga, Ontario are expected to go out to banks this week. Banks had been approached to lend to the project three months ago, one banker says, and now the developer now is ready to tap the markets. The company is looking to finance the project with 80% debt and it is bidding the project into the Ontario Power Authority's tender for an 850 MW combined cycle facility (*PFR*, 1/30).

Bank of Tokyo Mitsubishi, Royal Bank of Scotland, Société Générale and Toronto-Dominion were all reported to be in the running to lead the financing (*PFR*, 5/1). It could not be learned which if any of the banks are the lead.

Officials at the banks did not return calls. A call to Duane Cramer, senior v.p. of Sithe in Toronto, was not returned.

Nacogdoches Deal Lassoes Lenders

At least two lenders have reportedly joined the financing backing American Renewables joint venture partners' \$400 million, 100 MW Nacogdoches biomass project in Sacul, Texas. Calyon is reportedly one of the lenders joining the deal, however, a bank official could not confirm its participation. Baycorp Holdings, Energy Management Inc., and Tyr Energy comprise the partnership and are likely looking for roughly \$300 million in debt for the facility.

Bank of Tokyo Mitsubishi-UFJ and WestLB, are said to be leading the roughly \$300 million financing, though a project financier close to the matter could not immediately confirm WestLB's participation and notes the syndication would likely occur in the fourth quarter. Jim Gordon, president of EMI in Boston, had confirmed WestLB's participation (*PFR*, 7/2), but did not return calls. BoTM and WestLB officials did not return calls and the identity of other lenders in the deal could not be determined.

The sponsor is also considering financing options under the American Recovery and Reinvestment Act (*PFR*, 5/29). Nacogdoches has a 20-year PPA with Austin Energy and construction is slated to start this spring. The plant will go online in 2012.

Hudson Transmission Zeroes In On Leads

Hudson Transmission Partners is expected to choose banks to lead the financing backing its eight-mile, 345 kV line between Ridgefield, N.J., and midtown Manhattan this week. **Royal Bank of Scotland** and **Société Générale** are reportedly in the running, deal watchers note. **Ed Stern**, ceo in Fairfield, Conn., declined to comment and bank officials either declined to comment or did not return calls. The project costs roughly \$500 million to develop.

SocGen booked 15 insurance companies to take pieces of \$550 million worth of 22-year notes backing the Neptune Regional Transmission System developed by sister company **Neptune Power Ventures** (PFR, 3/20).

Hudson is backed by **Energy Investors Funds** and **Starwood Energy Investors**. The project is slated for operation in 2010.

Some Banks Wary On BP, Dominion Fowler Debt

Some lenders considering the \$300 million loan **BP Alternative Energy** and Dominion's Fowler Ridge wind farm think the debt load might be too high.

A project financier with one of the lead banks, **Bank of Tokyo Mitsubishi-UFJ**, **BBVA** and **Société Générale**, acknowledges concern from lenders over the debt sizing expressed at the bank meeting (PFR, 7/17), but notes it is still possible to close the deal this month. Plans to change the debt sizing could not be immediately learned.

The specific purpose of the loan could not be ascertained. Fowler has an operational first 400 MW phase which used 182

Vestas 1.65 MW turbines and 40 **Clipper** 2.5 MW turbines. It has been online since April so lacks a substantial track record.

An issue for some bankers is they are wary of the operational record of Clipper turbines.

Construction on the 199.5 MW second phase, which consists of 133 **General Electric** SLE 1.5 MW turbines, began this month and is slated for operation in 2010. The second phase of the project sells power to two **American Electric Power** subsidiaries and to **Vectren Energy** of Indiana.

European Utilities Mull Pipeline Financing

Bulgarian Energy Holdings, **Dimosia Epichirisi Paroxis Ariou** and Italian utility **Edison** are considering project financing a EUR120 million (\$170 million) natural gas pipeline between Greece and Turkey. The EU is contributing EUR45 million to the project as part of a stimulus package and the remaining costs will be funded with project finance debt or shareholder equity, says **Mark Lewis**, partner at **Paul Hastings** in Washington, D.C., which is advising state-backed BEH on the project.

Formal decisions on financing will be made likely next year, pending environmental and feasibility studies, Lewis notes. Construction on the project is set to begin in 2012 and the pipeline will become operational in 2015. Calls to BEH, Greek natural gas transportation company **DEPA** and **Edison** were not returned.

The 100-mile pipeline would run from Komotini, Greece to Stara Zagora, Bulgaria and carry between 3-5 billion cubic yards of gas. The project is part of a larger initiative to connect the gas transmission networks between Bulgaria, Greece, Italy and Turkey.

Corporate Strategies

Eletrobras Taps Private Placement For Capex

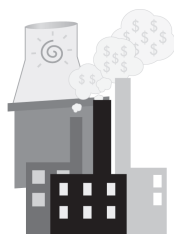
Brazilian state-backed utility **Centro Electricas Brasileiras**—commonly called Eletrobras—has issued \$1 billion of unsecured notes in a private placement to fund its BRL32 billion (\$17 billion) capital expenditure plan. The 10-year, 6.875% notes were placed last week. A portion of the proceeds will also go toward general corporate purposes. **Raquel Krauss**, head of the funding division in Rio De Janeiro, did not respond to e-mails. The reasoning behind the utility's decision to use unsecured notes and a private placement, and the amount of proceeds devoted to the capex could not be learned.

"I would definitely call it ambitious," says **Marcos Barbosa**, an analyst at **Fitch Ratings Service** in Sao Paulo, of the 2009-2012 capex, adding the company will likely come to market at the

beginning of next year as it plans to fund at least 30% of the capex with debt issues. Operational revenues will fund another 30% of the plan and loans from **Banco Nacional de Desenvolvimento Econômico e Social**, multilaterals and private lenders will fill in the remaining costs.

The lion's share of the plan, roughly BRL14.7 billion is devoted to generation projects, including the 3,150 MW Rio Madeira and 3,300 MW Jirau hydroelectric projects in the Amazon and the 1 GW Angra III nuclear reactor near Rio De Janeiro. The projects are slated for operation between 2012 and 2014. BRL6.3 billion will go toward transmission and the remaining funds under the capex will go toward distribution and other projects.

Credit Suisse was the sole bookrunner on the deal. Fitch rates the notes BBB-. The capex is part of the government's efforts to increase capacity by 6.5 GW to meet projected demand by 2012.



Generation Auction & Sale Calendar

Following is a directory of ongoing generation asset sales. The accuracy of the information, which is derived from many sources, is deemed reliable but cannot be guaranteed. To report new auctions or changes in the status of a sale, please call Jeanine Prezioso at (212) 224-3226 or e-mail jprezioso@iinews.com.

Seller	Plants	Location	MW	Plant Type	Advisor	Status/Comments
AES	Warrior Run	Cumberland, Md.	205	Coal	Goldman Sachs	Shopping PJM assets (PFR, 5/21).
	Red Oak	Sayreville, N.J.	832	Gas		
	Ironwood	South Lebanon Township, Pa.	720	Gas		
	Amman East	Jordan	370	Gas	Citi, HSBC	Quietly marketing Middle East portfolio along with a few one-off assets (PFR, 2/23).
	Barka	Muscat, Oman	456 (35%)	Gas		Bids submitted by around 10 parties for portfolio (PFR, 6/15).
	Ras Laffan	Qatar	756 (55%)	Gas		
	Lal Pir	Punjab, Pakistan	362 (55%)	Oil		
	Pak-Gen	Punjab, Pakistan	365 (55%)	Oil		
	Cartagena	Cartagena, Spain	1,200	Gas		
	Kilroot	near Carrickfergus, Northern Ireland	560	Coal and Oil		
	Various	U.S.	1,174	Wind	N/A	Looking for joint venture partner for wind business (PFR, 3/16).
	Hulunbeier	Inner Mongolia, China	50 (49%)	Wind		
	InnoVent	France	30 (40%)	Wind		
	Hargicourt	Hargicourt, France	12 (40%)	Wind		
	Hescamps	Hescamps, France	5 (40%)	Wind		
	Pléchâtel	Pléchâtel, France	4 (40%)	Wind		
	Various	Bulgaria, China, France and Scotland	410 development	Wind		
	Various	Latin America	TBA	Various	TBA	Tipped that assets are for sale (PFR, 5/18).
AIG Financial Products	Bruce Mansfield	Shippingport, Pa.	830 (80%)	Coal	Commonwealth Capital Advisors	Shopping interest in Unit 1 with sale likely to close before year-end (PFR, 12/1).
Allco Finance Group	Various	New Zealand	538	Wind	N/A	Prepped to sell by end of third quarter (PFR, 6/23).
Allied Waste Industries	Trinity Oaks	Trinity Oaks, Texas	3.2	Landfill	N/A	Fortistar to acquire with financing to be provided by Catepillar Financial Services (PFR, 11/24).
American Shoreline	N/A	Texas, Mexico	3,000 development	Wind	N/A	Spinnaker Energy planning to purchase (PFR, 2/9).
ArcLight Capital Partners	Hobbs Generating	near Hobbs, N.M.	600	Gas	Credit Suisse	Selling newly commercial asset (PFR, 10/3).
	Juniper Generating	near Bakersfield, Calif.	298	Gas	Barclays Capital	Indicative bids taken mid-Sept. for portfolio of nine assets (PFR, 10/3).
Astoria Project Partners	Astoria	Astoria, N.Y.	575	Gas	Merrill Lynch	Buyers looking to sell undetermined amount of equity in plants (PFR, 7/20).
	Astoria II	Astoria, N.Y.	500 development	Gas		
Babcock & Brown	South Trent	Nolan and Taylor Counties, Texas	101	Wind	Marathon Capital	First round bids taken March 6 (PFR, 3/2).
	Majestic I	near Panhandle, Texas	80	Wind		Diamond Castle Holdings in running to purchase (PFR, 4/20).
	Majestic II	near Panhandle, Texas	unknown	Wind		Riverstone bought 4 GW of development assets.
	Butler Ridge	Wisconsin	54	Wind		
	Wessington Springs	South Dakota	50	Wind		
	Gulf Winds	Kenedy County, Texas	238	Wind		
BARD Engineering	BARD Offshore 1	off coast of northwest Germany	400 development	Wind	UniCredit HVB	Looking to sell offshore farm in development (PFR, 2/9).
British Petroleum	N/A	Port Talbot, Wales	870 development	Gas	N/A	Shopping 100% interest in development (PFR, 9/12).
Caithness Energy (DCE)	Shepherd's Flat	Gilliam and Morrow Counties, Ore.	909 development	Wind	Citigroup	Teasers dispatched (PFR, 10/20).
Centrica	Lynn and Inner Dowsing	off Lincolnshire coast, U.K.	194	Wind	N/A	Looking to sell once portfolio refinanced (PFR, 6/1).
Chermac Energy	Various	Texas, N.M., Okla., Kan.	675 development	Wind	NorthWinds Advisors	Looking for buyers (PFR, 5/4).
City of Victorville	Victorville 2	Southern California Logistics Airport, Calif.	570 development	Gas/Solar	Goldman Sachs	Teasers dispatched (PFR, 6/30). Took informal bids June 26 (PFR, 7/13).
Cobisa Corp.	Cobisa-Greenville	Dallas-Fort Worth, Texas	1,750	Gas	Pace Global Energy Services	Company facing financing troubles (PFR, 6/22).
Colmac Energy	N/A	near Mecca, Calif.	47	Biomass	Bodington & Co.	Sale iced due to financial markets (PFR, 1/19).
Connectiv Energy	Various	PJM Interconnection	3,700	Various	Credit Suisse	Status unclear.
Con Ed Development	Genor	Puerto Barrios, Guatemala	42 (49.5%)	Oil		Industry Funds Management did not acquire.
	Ada Cogeneration	Ada, Mich.	29 (48%)	Gas		Partner is Olympus Power.
Constellation Energy	West Valley	West Valley, Utah	200	Gas	N/A	Planning to sell to MidAmerican Energy Holdings Co. (PFR, 12/8) even though merger has been canceled.
Complete Energy Holdings	La Paloma	McKittrick, Calif.	1,022	Gas	JPMorgan	Has agreed to merge with GSC Acquisition Co. in \$1.3B deal (PFR, 5/16). Pending shareholder vote.
	Batesville	Batesville, Miss.	837	Gas		
Coram Energy	N/A	Tehachapi, Calif.	15 repowering	Wind	Marathon Capital	Seeking buyers for portfolio (PFR, 3/9).
	N/A	Tehachapi, Calif.	93	Wind		
	N/A	Knob Hill, Vancouver Island, B.C.	393	Wind		
	N/A	Banks Island, B.C.	525	Wind		
	N/A	Porcher Island, B.C.	198	Wind		
	N/A	McCauley Island, B.C.	233	Wind		
Corona Power	Sunbury Generating	Shamokin Dam, PA	432	Coal, oil, diesel	Merrill Lynch	Soliciting equity to complete \$250M of upgrades (PFR, 12/24/07).

Generation Auction & Sale Calendar (cont'd)

Seller	Plants	Location	MW	Plant Type	Advisor	Status/Comments
CP Power Investments (Starwood Energy Investors II and Tyr Capital)	Panoche	Firebaugh, Calif.	49	Gas	N/A	Looking for new offtakers or buyers for facilities (PFR, 7/28).
	Vaca-Dixon	Vacaville, Calif.	49	Gas		
DKRW Wind	Various	U.S.	6 GW development	Wind	Marathon Capital	Looking for strategic partner (PFR, 12/29).
DTE Energy	East China	East China, Mich.	320	Gas	N/A	Seller exploring options, including outright sale.
Dynergy	Sandy Creek	Riesel, Texas	900 (32%)	Coal	Barclays Capital	Company tapped advisor to run sale process (PFR, 3/2).
	Plum Point	Osceola, Ark.	665 (21%)	Coal		
EarthFirst Canada	Dokie Ridge	Chetwynd, B.C.	300 construction	Wind	N/A	GE EFS and Plutonic Power are considering purchasing project (PFR, 6/15).
Electrabel	Langerlo	Langerlo, Belgium	556	Coal	N/A	E.ON agreed to acquire plants in asset swap deal (PFR, 12/22).
	Vilvoorde	Vilvoorde, Belgium	385	Gas		
Energy Future Holdings (Luminant)	Sandow 4	Milam Co., Texas	545 (50%)	Coal	Credit Suisse	Reportedly planning to sell stakes to Perennial Power Holdings (PFR, 2/18).
	Sandow 5		581 (50%)	Coal		
Energy Investors Funds	Crockett Cogeneration	Crockett, Calif.	240	Gas	N/A	EIF put stakes of assets on block (PFR, 6/29).
	Hamakua	Hawaii	60	Biomass		
	Glen Park	near Watertown, Conn.	32	Hyrdo		
	Mustang Station	Denver City, Texas	490	Gas		
	Black Hawk	Borger, Texas	230	Gas		
Energy Investors Funds and Waterside Power Power Development Corp.		Stamford, Conn.	72	Oil	Barclays Capital	ArcLight Capital Partners planning to buy (PFR, 2/23).
Entergy Corp.	50% stake in Top	Worth County, Iowa	40	Wind	New Harbor	Seller wants about \$520M for the assets. Bidders shortlisted to four players: two financial, two infrastructure (PFR, 6/18/07).
	Deer Wind Ventures	Carsen County, Texas	40			
	RS Cogen	Lake Charles, La.	212	Gas		
	Roy S. Nelson	Westlake, La.	60	Gas/Oil		
	Warren Power	Vicksburg, Miss.	225	Gas		
	Harrison	Marshall, Texas	335	Gas		
	Independence	Newark, Ark.	121	Coal		
	Robert Ritchie	Helena, Ark.	544	Gas/Oil		
E.ON	Lippendorf	Nukieritzsch, Germany	446	Coal	N/A	Signed MOU with EnBW to purchase to increase competition in sector (PFR, 12/22).
	Bexback	Bexback, Germany	79	Coal		
	Farge	Bremen, Germany	350	Coal	N/A	Electrabel will acquire through asset swap (PFR, 12/22).
	Zolling	Zolling, Germany	449	Coal		
	Unknown	Zolling, Germany	20 (50%)	Biomass	N/A	Agreed to sell 300 MW of hydro to Verbund.
	Trausnitz	Trausnitz, Germany	2	Hydro		
	Tanzmühle	Tanzmühle, Germany	3	Hyrdo		
	Various	Bavaria, Germany	300	Hydro		
Exergy Development Group	Various	Upper Midwest, Northwest	3,600	Wind	Marathon Capital	Sale process has been reignited.
First Wind	Stetson	Danforth, Maine	57	Wind	Credit Suisse	Newly operational asset on the block (PFR, 3/2).
	Sheffield	Vermont	40 development	Wind		
	Various	North America	3,000 pipeline	Wind	JPMorgan, Credit Suisse, Goldman Sachs	Hunting buyers (PFR, 3/9). Company filed S-1 to IPO as UPC Wind.
Fishermen's Energy	N/A	off coast of Atlantic City, N.J.	350 development	Wind	N/A	Consortium planning to add institutional partner to project (PFR, 7/20).
FPC Development	Shady Oaks	Lee County, Ill.	120 development	Wind	N/A	Mainstream Renewable Power purchased (PFR, 6/22).
	Green River	Lee County, Ill.	467 development	Wind		
	Boone County	Boone County, Ill.	200 development	Wind		
FPL Energy	Posdef	Stockton, Calif.	44	Coal/Petcoke	New Harbor	DTE is buying through a subsidiary (PFR, 2/2).
	Tesla	Tracy, Calif.	1,120	Gas/Steam	Credit Suisse	
Gas Natural	Hermosillo	Sonora, Mexico	250 MW	Gas/Steam	TBA	Looking for advisor for portfolio sale (PFR, 5/25).
	Naco Nogales	Sonora, Mexico	300 MW	Gas/Steam	TBA	
	Tuxpan III and IV	Veracruz, Mexico	1 GW	Gas/Steam	TBA	
	Unknown	Norte-Durango, Mexico	450 MW	Gas/Steam	TBA	
	Central Saltillo	Coahuila, Mexico	248 MW	Gas/Steam	TBA	
	Central Anáhuac/Rio Bravo II	Tamaulipas, Mexico	495 MW	Gas/Steam	TBA	
	Central Lomas de Real/Rio Bravo III	Tamaulipas, Mexico	495 MW	Gas/Steam	TBA	
	Central Valle Hermoso/rio Bravo IV	Tamaulipas, Mexico	500 MW	Gas/Steam	TBA	
Gas Natural, Mitsubishi Corp.	Electricidad Aguila	Altamira, Mexico	495 MW	Gas/Steam	TBA	Gas Natural looking to sell its 51% stake in the JV project (PFR, 5/25).
General Electric	Baglan Bay	Port Talbot, Wales	510	Gas	Lexicon Partners	Process to be re-ignited in October.
	Panther Creek	Nesquehoning, Pa.	94	Waste Coal	N/A	Looking for buyers (PFR, 2/26).
	Colton Power	Colton, Calif.	80	Gas	N/A	Sale shelved.
Gregory Power Partners	Gregory	Gregory, Texas	400	Gas	N/A	Sale iced due to credit crisis (PFR, 1/26).
Iberdrola	Russell Station	Greece, N.Y.	275	Coal	N/A	Will mandate advisor once auction schedule finalized by NYPSC (PFR, 12/29).
	Allegheny Station	Hume, N.Y.	62	Gas		
	Unknown	New York	18	Gas		
	Unknown	New York	18	Gas		

For a complete listing of active Generation Auction & Sale Calendar, please go to iipower.com

Project Finance Deal Book

Deal Book is a matrix of energy project finance deals that PFR is tracking in the energy sector. The entries below are of new deals or deals where there has been change in their parameters or status. To report updates or provide additional information on the status of financings, please call Jeanine Prezioso at (212) 224-3226 or e-mail jprezioso@iineews.com.

Live Deals: North America

Sponsor	Project	Location	Lead(s)	Loan	Loan Amount	Tenor	Notes
American Renewables El Paso	Nacogdoches (100 MW Wind)	Sacul, Texas	BoTM/Union Bank, WestLB	TBA	TBA	TBA	Two banks reportedly joined the deal (see story, page 3). Sponsor mulls debt options (see story, page 3).
	Ruby Express Pipeline (675 Mile Natural Gas Pipeline)	Wyoming to Oregon	Credit Suisse	TBA	TBA	TBA	
First Wind	Stetson Expansion (25.5 MW Wind)	Danforth, Maine	Alberta Investment Management	Term Loan	\$115M	8.5-yr	Deal wrapped (PFR, 7/27).
NaturEner	Rim Rock (309 MW)	Glacier and Toole Counties, Mont.	HSB Nordbank	TBA	\$76M	1-yr	Deal wrapped (PFR, 7/27).
Pattern Energy	Hatchet Ridge (101 MW Wind)	Redding, Calif.	TBA	TBA	TBA	TBA	Received financing for 103.5 MW Glacier 2 wind farm (see story, page 2).
			Calyon, LBBW, Natixis, UBoC, SocGen, WestLB	Term Loan	\$200M	7-yr	Deal wrapped (PFR, 7/27).
Sithe Global	Southdown (800 MW Combined Cycle)	Mississauga, Ontario	TBA	TBA	TBA	TBA	Details on financing to go out to banks next week (see story, page 3).
Terra-Gen Power	Various (831 MW Renewables)	Various	Citibank	Term B Loan Working Cap Letter	\$250M \$25M	TBA TBA	Sponsor stepped back due to pricing (PFR, 7/27).

Live Deals: Europe/Middle East

Sponsor	Project	Location	Lead(s)	Loan	Loan Amount	Tenor	Notes
Bulgarian Energy Holdings, Dimosia Epichrisi Paroxis Ariou, Edison	Unknown (100-mile Pipeline)	Bulgaria to Greece	TBA	TBA	TBA	TBA	EU providing EUR45M for the project (see story, page 4).
Dolphin Energy	Dolphin (226 Mile Natural Gas Pipeline)	Qatar to Abu Dhabi	RBS	Refinancing	\$1.42B	10-yr	Deal wrapped (see story, page 1).

For a complete listing of the Project Finance Deal Book, please go to iipower.com.

EMIRATES PIPELINE

(continued from page 1)

grade offtakers. "Not every project will have the credit strength of Dolphin," notes a banker. "We have yet to see what the bond market can do on a more challenging project."

The 144a Reg S 10-year bonds were priced to yield 5.888%, 337.5 bps over U.S. Treasuries. Dolphin upsized the bond deal as the pricing "was well inside the all-in pricing of the bank facility," says a banker familiar with the deal.

Some 25 banks were involved in new loan with some financing from Italian export credit union SACE. Commercial banks were originally expected to commit \$2.6 billion to the financing. Four banks took the largest tickets though sizes could not be learned: Royal Bank of Scotland, Société Générale, First Gulf Bank and National Bank of Abu Dhabi. Pricing on the 10-year debt is 275 bps over LIBOR for the first three years, and steps up to 300 bps over LIBOR for the next three years and then to 350 bps for the remainder of the loan.

The financing also includes a \$218 million SACE loan, backed by Société Générale, Calyon, Europe Arab Bank, HSBC and Standard Chartered. That portion was originally expected to be \$400 million. Financing was rounded out with a co-sponsors loan of \$1.225 billion. Abu Dhabi's state-owned Mubadala Development owns 51% of project company Dolphin Energy, as

do oil and gas companies Total and Occidental Petroleum each holding a 24.5% stake, the latter two providing the sponsors' loan.

Bond managers included Royal Bank of Scotland as left lead, BNP Paribas, Abu Dhabi Commercial Bank and National Bank of Abu Dhabi (PFR, 6/5). The bonds were rated Aa3 by Moody's Investors Service and A+ by Fitch Ratings.

—Jeanine Prezioso

MACQUARIE GROUP

(continued from page 1)

Macquarie Capital Wind is owned by the Macquarie Capital Group and Portuguese developer Martifer Renewables. Epuron, a New South Wales-based subsidiary of German developer Conergy, is the 50:50 JV partner in Silverton. The partners have several relationship project finance banks. Barclays Capital and Dresdner Kleinwort underwrote \$3.6 billion to fund the acquisition of Puget Energy by a Macquarie Infrastructure Partners-led consortium (PFR, 6/13/08). HSH Nordbank has worked with Conergy on several solar deals in Spain (PFR, 5/8). Bank officials either declined to comment or did not return calls, and the identity of potential lenders could not be immediately learned.

Phase I of the project, which is located in the Barrier Ranges 400 miles west of Sydney, is estimated to cost roughly \$900 million, bringing the debt portion to \$600-675 million. The

partners plan to come to market with a large-scale club deal at the end of this quarter with an eye to securing financing by year-end. Remaining costs will be funded with equity from the partners' prospective balance sheets and possibly from a third party, Kay says, declining to elaborate or identify the potential investor.

The developer is reviewing bids from two turbine manufacturers and expects to have a supply agreement in the next two months, Kay adds. He declined to identify potential turbine suppliers. Permitting has been secured for 529 turbine sites and construction is slated for the first quarter of next year, with the first phase going online in 2011 and remaining phases becoming operational in the next few years.

—Sara Rosner

DUKE FEELS

(continued from page 1)

\$202 million from \$500 million last year when banks balked at some of the Suzlon and Clipper-powered projects (PFR, 10/31). A Duke spokesman did not return a call. Clipper and Suzlon officials did not return calls.

Duke has experience and credibility. Lenders may look for ways to mitigate technology risk. Diluting the number of Clipper and Suzlon turbines by adding them to a larger portfolio or increasing debt maintenance reserve requirements would be two ways to do so.

Wouter Van Kempen, president of subsidiary **Duke Energy Generation Services**, has said the company is aiming for a portfolio financing (PFR, 5/29), that would include the 70 MW North Allegheny wind farm in Blair and Cambria Counties, Pa. The company is also developing the 51 MW Kit Carson project near Burlington, Colo., and the 42 MW Silver Sage project in Cheyenne, Wyo., and the 99 MW Campbell Hill project in Casper, Wyo.

—S.R.

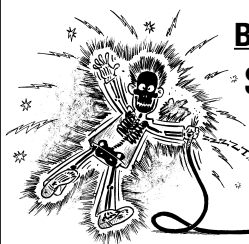
Quote Of The Week

"It clearly made the deal more interesting for tax equity investors." —**Alfredo Cahuas**, cfo at **NaturEner**, on the company wrapping a wind financing factoring in a U.S. **Department of the Treasury** cash grant (see story, page 2).

One Year Ago In Power Finance & Risk

An investigation by New York Attorney General **Andrew Cuomo** into alleged improper dealing with public officials and anti-competitive practices at **Noble Environmental Power** had stalled the \$750 million syndication backing its 2008 wind portfolio. [The sponsor landed eight lead banks and pulled in 10 more lenders to close the deal (PFR, 8/15). The inquiry was dropped late last year.]

Alternating Current



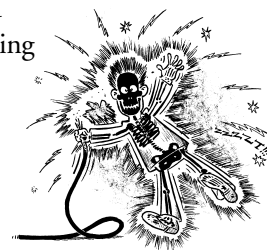
Blimp it out

Spanish Co. Turns To Solar-Powered Flight

While airline ticket prices have bottomed out, so has the 'service,' which has become synonymous with cramped legroom, stingy snacks and lost luggage. Valencia, Spain-based **Turtle Airships** is offering a comfortable, solar-powered blimp where patrons can "Eat in a flying restaurant!" and "Dance in the Clouds!" according to the company's Web site www.turtleships.com.

This is definitely not your grandmother's **Goodyear**. The spacious craft, which Turtle calls an airship, will more likely resemble a cruise ship in the sky, with state rooms, showers, dining rooms, libraries and, yes, dance floors. The airships, which are covered with and powered by super-light photovoltaic cells, are amphibious and capable of docking in harbors and resting on land.

The only problem is funding, which the company lacks, but hopes to remedy by developing and showboating a remote control prototype. If you thought getting a \$350 million wind financing through the credit committee was tough, try this one.



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