

For June 2016

Natural Gas Highlights

- Texas Gas received authorization to place into service its Southern Indiana Market Lateral Project which will provide 53.5 MMcf/d of capacity to serve SABIC Innovative Plastics's existing chemical manufacturing plant and planned cogeneration plant in Mt. Vernon, IN.
- Kaiser-Frontier Midstream received authorization to place into service the Southern Segment of its Silo Pipeline
 Project. This segment completes the project and will provide capacity to an interconnection with Wyoming Interstate
 Company at the Cheyenne Hub in Weld County, CO.
- Kern River received authorization to place into service its Summerlin Pipe Replacement Project which will replace a segment of its pipeline in Clark County, NV with thicker wall pipe in order to comply with a class location change by DOT and PHMSA.
- WBI Energy Transmission placed into service facilities in ND that will provide 18 MMcf/d of capacity from the Bakken area to an interconnection with Northern Border in McKenzie County, ND.
- First ECA Midstream received authorization to own, operate, and maintain an existing pipeline located in Clearfield
 and Elk Counties PA, as an interstate pipeline. This pipeline will provide 152 MMcf/d of bi-directional capacity from
 producing areas to Dominion and National Fuel with further deliveries to NRG REMA, LLC's power plant located in
 Shawville, PA.
- Southern Natural received authorization to construct and operate its SNG Zone 3 Expansion Project which will provide 235 MMcf/d of capacity to its existing system in GA, TN, SC, and FL to serve markets in the Southeastern U.S.
- Elba Express Pipeline received authorization to construct and operate its EEC Expansion Project which will provide 769 MMcf/d of north-to-south capacity on its existing system to serve Southern LNG's Elba Island export terminal located on Elba Island, GA.
- Elba Liquefaction and Southern LNG received authorization to construct and operate an LNG export terminal at Southern LNG's existing import terminal on Elba Island in Chatham County, GA. The export terminal will provide 350 MMcf/d of deliverability from two trains.
- Dominion Carolina Gas received authorization to construct and operate its Columbia to Eastover Project which will
 provide 18 MMcf/d of capacity to serve International Paper Company's pulp and paper mill located in Richmond
 County, SC.
- Northern Natural received authorization to construct and operate its Gaines County Crossover Compressor Project located in Gaines County, TX which will provide 210 MMcf/d of capacity to meet customer requirements in Northern Natural's Field Area.
- Gulf South received authorization to construct and operate its Coastal Bend Header Project which will provide 1,420 MMcf/d of capacity to serve the Freeport LNG export facility on Quintana Island in Brazoria County, TX.
- Impulsora Pipeline received authorization to vacate a portion of the pipeline facilities previously authorized but not yet constructed at the International Boundary between the U.S. and Mexico located in Webb County, TX.
- MoGas Pipeline received authorization to abandon jurisdictional pipeline facilities in MO and IL by transfer of
 ownership to an affiliate, CorEnergy Pipeline, and to lease the facilities back for continued operation by MoGas
 Pipeline.
- The Commission granted a service area determination to allow Pike County to continue to own and operate a 6-inch diameter gas distribution pipeline at the PA/NY border. The Commission also found that Pike County qualifies as a LDC for purposed of Section 311.
- East Cheyenne Gas Storage received authorization to expand, in part, the certificated boundaries of the East Cheyenne Gas Storage Project reservoirs in the West Peetz and Lewis Creek fields located in Logan County, CO.
- Northern Natural requests authorization to construct and operate its Northern Lights 2017 Expansion Project which would increase its system in Isanti, Sherburne, and Rice Counties, MN by 75.9 MMcf/d to serve market needs in MN.
- TransCameron Pipeline requests authorization to amend its proposal to construct and operate pipeline facilities to provide capacity to the proposed Venture Global Calcasieu Pass LNG export terminal in Cameron Parish, LA.
 TransCameron Pipeline would remove its proposed West Lateral and increase the capcity of the pipeline by 225 MMcf/d to 2,125 MMcf/d.
- Texas Eastern requests authorization to construct and operate its Bayway Lateral Project which would provide 300 MMcf/d of capacity to service Phillips 66 Company's Bayway Refinery and Cogen Technologies Linden Venture's cogeneration plant located in Linden, NJ.
- Driftwood LNG and Driftwood LNG Pipeline commenced the Commission's pre-filing process to construct and operate an LNG export terminal near Carlyss, Calcasieu Parish, LA, and associated pipeline facilities which would provided 4,000 MMcf/d of capacity to the proposed terminal. The Driftwood LNG terminal would provide 4,000 MMcf/d of export deliverability.



Tennessee withdrew its proposal to construct and operate its Northeast Energy Direct Project which would have provided 1,200 MMcf/d of capacity from Troy, PA to Wright, NY and 1,300 MMcf/d of capacity from Wright, NY to Dracut MA.

Natural Gas Activities in June 2016

Status	No. of Projects	Storage Capacity (Bcf)	Deliverability (MMcf/d)	Capacity (MMcf/d)	Miles of Pipeline	Compression (HP)				
Pipeline	Pipeline									
Placed in Service	4			71.7	46.7	1,380				
Certificated	7			2,804.0	113.6	289,534				
Proposed	4			4,600.9	82.1	166,900				
Storage	Storage									
Placed in Service	0	0.0	0.0			0				
Certificated	0	0.0	0.0			0				
Proposed	0	0.0	0.0			0				
LNG (Import & Export)									
Placed in Service	0	0	0			0				
Certificated (Import/Export)	1	0	350			0				
Proposed (Export)	1	15.5	4,000			0				

Source: Staff Database

Natural Gas Activities through June 30, 2016

January through June 30, 2015

Status	No. of Projects	Storage Capacity (Bcf)	Deliverability (MMcf/d)	Capacity (MMcf/d)	Miles of Pipeline	Compression (HP)
Pipeline						
Placed in Service through June 30, 2015	15 10			2,670.3 3,080.7	138.8 67.5	89,695 106,095
Certificated Through June 30, 2015	33 18			13,001.9 5,531.0	977.7 282.2	976,659 207,573
Storage						
Placed in Service through June 30, 2015	0 2	0.0 2.4	0 53			0 0
Certificated through June 30, 2015	0 2	0.0 2.7	0			0
LNG (Import & Export)						
Placed in Service Through June 30, 2015	1 0	0 0	700 <mark>0</mark>			0 0
Certificated (Import/Export) through June 30, 2015	3 1	10.2 <mark>0</mark>	2,841 1,400			0 0

Source: Staff Database



For June 2016

Hydropower Highlights (nonfederal)

• The Alaska Department of Fish and Game filed a conduit exemption application for the proposed 0.330 MW Hidden Falls Lake Hydroelectric Project No. 14785. The project would be located near the City of Sitka in Sitka Borough, AK.

Hydropower Project Activities in June 2016

	Conventional		Pumped Storage		Hydrokinetic		Total No.	Total	
Status	No.	Capacity (MW)	No.	Capacity (MW)	No.	Capacity (MW)	of Projects	Capacity (MW)	
Filed	Filed								
License	0	0	0	0	0	0	0	0	
10-MW Exemption	0	0	0	0	0	0	0	0	
Capacity Amendment	0	0	0	0	0	0	0	0	
Conduit Exemption	1	0.330	0	0	0	0	1	0.330	
Issued									
License	0	0	0	0	0	0	0	0	
10-MW Exemption	0	0	0	0	0	0	0	0	
Capacity Amendment	0	0	0	0	0	0	0	0	
Conduit Exemption	0	0	0	0	0	0	0	0	
Placed in Service	Placed in Service								
License	0	0	0	0	0	0	0	0	
10-MW Exemption	0	0	0	0	0	0	0	0	
Capacity Amendment	0	0	0	0	0	0	0	0	
Conduit Exemption	0	0	0	0	0	0	0	0	

Source: Staff Database

Hydropower Project Activities Year to Date (through June 30, 2016)

	Conventional		Pumpe	Pumped Storage		rokinetic	Total No.	Total	
Status	No.	Capacity (MW)	No.	Capacity (MW)	No.	Capacity (MW)	of Projects	Capacity (MW)	
Filed	Filed								
License	2.5	50.049	0.5	300.000	0	0	3	350.049	
10-MW Exemption	0	0	0	0	0	0	0	0	
Capacity Amendment	1	0.100	0	0	0	0	1	0.100	
Conduit Exemption	2	0.530	0	0	0	0	2	0.530	
Issued									
License	5	44.262	0	0	0	0	5	44.262	
10-MW Exemption	1	0.220	0	0	0	0	1	0.220	
Capacity Amendment	3	6.310	0	0	0	0	3	6.310	
Conduit Exemption	0	0	0	0	0	0	0	0	
Placed in Service	Placed in Service								
License	3	198.600	0	0	0	0	3	198.600	
10-MW Exemption	0	0	0	0	0	0	0	0	
Capacity Amendment	2	23.600	0	0	0	0	2	23.600	
Conduit Exemption	0	0	0	0	0	0	0	0	

Source: Staff Database



For June 2016

Electric Generation Highlights

- Panda Patriot LLC's 944 MW natural gas-fired Panda Patriot Project in Lycoming County, PA is online. Fifty percent
 of the power generated is sold to PJM Interconnection LLC under long-term contract.
- Golden Spread Electric Cooperative, Inc.'s 404 MW natural gas-fired Elk Station Expansion Project in Floyd County, TX is online.
- Wolverine Power Supply Corp.'s 227 MW natural gas-fired Alpine Power Plant Phase 2 Expansion Project in Otsego County, MI is online.
- Brigham Young University Idaho's 5.6 MW natural gas-fired Central Energy Plant Project in Madison County, ID is online. The power generated is sold to Rocky Mountain Power under long-term contact.
- McCoy Solar LLC's 39.6 MW McCoy Solar Energy Phase 8 Expansion Project in Riverside County, CA is online. The
 power generated is sold to Southern California Edison Co. under long-term contract.
- Georgia Power Co.'s 30 MW Fort Benning Solar Project in Chattahoochee County, GA is online. The power generated is sold to the U.S. Army under long-term contract.
- Ridgeline Energy LLC's 20 MW Frontier I Solar Project in Stanislaus County, CA is online. The power generated is sold to the City of Palo Alto under long-term contract.
- Fresh Air Energy II LLC's 20 MW Meadows PV I Solar Project in Martin County, NC is online. The power generated is sold to Dominion Energy Inc. under long-term contract.
- Ameresco Inc.'s 18.6 MW Fort Detrick Solar Project in Frederick County, MD is online. The power generated is sold to the U.S. Army under long-term contract.
- Solar Glynn LLC's 18 MW Solar Glynn Project in Glynn County, GA is online.
- American Solar Greenworks LLC's 15 MW American Solar Greenworks Project in Los Angeles County, CA is online.
 The power generated is sold to Southern California Edison under long-term contract.
- SR Jenkins LLC's 13 MW SR Jenkins Fort Lupton Solar Project in Weld County, CO is online. The power generated is sold to United Power Inc. under long-term contract.
- Grindstone Solar LLC's 7 MW Grindstone Solar Project in Vigo County, IN is online. The power generated is sold to Duke Energy Indiana under long-term contract.
- GroSolar's 2.85 MW Tannery Row Landfill Solar Project in Oneida County, NY is online. The power generated is sold to the City of Rome under long-term contract.
- Indianapolis Power and Light's 20 MW Harding Street Battery Storage Project in Marion County, IN is online.
- South Plains Wind Energy II LLC's 300 MW South Plains Wind Phase II Expansion Project in Flyod County, TX is online.
- Gunsight Mountain Wind Energy LLC's 120 MW Gunsight Mountain Wind Project in Howard County, TX is online.



For June 2016

New Generation In-Service (New Build and Expansion)

		June 2016		ry – June 2016 umulative	January – June 2015 Cumulative		
Primary Fuel Type	No. of Units	Installed Capacity (MW)	No. of Units	Installed Capacity (MW)	No. of Units	Installed Capacity (MW)	
Coal	0	0	0	0	1	3	
Natural Gas	7	1,587	47	6,598	42	2,180	
Nuclear	0	0	0	0	0	0	
Oil	3	5	5	12	7	10	
Water	0	0	24	190	18	150	
Wind	3	420	23	2,199	20	2,324	
Biomass	0	0	18	47	21	226	
Geothermal Steam	0	0	0	0	1	45	
Solar	19	218	143	1,883	130	803	
Waste Heat	0	0	0	0	0	0	
Other *	1	0	4	0	6	0	
Total	33	2,230	264	10,928	246	5,741	

Sources: Data derived from Velocity Suite, ABB Inc. and The C Three Group LLC which include plants with nameplate capacity of 1 MW or greater. The data may be subject to update.

Total Available Installed Generating Capacity

	Installed Capacity (GW)	% of Total Capacity
Coal	295.99	25.26%
Natural Gas	507.02	43.27%
Nuclear	107.06	9.14%
Oil	44.95	3.84%
Water	100.28	8.56%
Wind	76.17	6.50%
Biomass	16.69	1.42%
Geothermal Steam	3.88	0.33%
Solar	17.73	1.51%
Waste Heat	1.16	0.10%
Other*	0.77	0.07%
Total	1,171.70	100.00%

Sources: Data derived from Velocity Suite, ABB Inc. and The C Three Group LLC which include plants with nameplate capacity of 1 MW or greater. The data may be subject to update.

Electric Transmission Highlights

- Duquesne Light Holdings has completed the 6.5 mile, 345 kV Carson Brunot Island Transmission Project. The underground project cost approximately \$85.1 million and is located in PA.
- Arizona Public Service Co. has completed the 43.0 mile, 500 kV Palo Verde Delaney-Sun Valley Morgan -Pinnacle Peak Transmission Project. The \$60 million project is located in AZ.

^{* &}quot;Other" includes purchased steam, tires, and miscellaneous technology such as batteries, fuel cells, energy storage, and fly wheel.

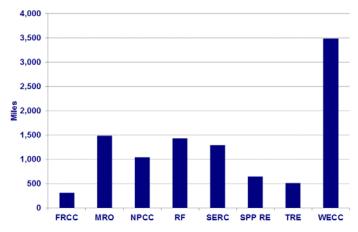


For June 2016

		Trans	Proposed Transmission Projects In-Service by June 2018							
Voltage (kV)	June 2016	June 2015	High Probability of Completion	All						
(1.7)	Line Length (miles)									
≤230	0.0	192.4	97.4	644.3	1,969.5	3,993.5				
345	6.5	121.8	6.9	1,223.5	1,715.6	2,846.5				
500	43.0	0.0	43.0	336.0	402.9	3,374.9				
Total U.S.	49.5	314.2	147.3	2,203.8	4,088.0	10,214.9				

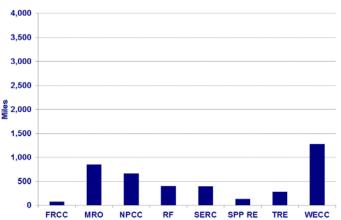
Sources: Data derived from Staff Database and U.S. Electric Transmission Projects ©2016 The C Three Group, LLC.

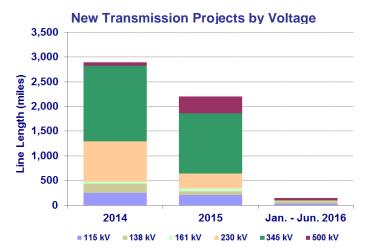
All Transmission Projects with a Proposed In-Service Date by June 2018



being completed by June 2018

Transmission Projects with a High Probability of





Sources: Data derived from Staff Database and U.S. Electric Transmission Projects ©2016 The C Three Group, LLC.

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