

For August 2015

Natural Gas Highlights

- Transco received authorization to place into service the remaining facilities of its Virginia Southside Expansion Project which will provide the remaining 20 MMcf/d of capacity out of the authorized 270 MMcf/d on its system from NJ to NC.
- Texas Eastern received authorization to place into service the remaining portion (181 MMcf/d) of its U2GC Project which will provide 425 MMcf/d authorized capacity from receipt points in PA to an interconnection with Panhandle Eastern near Gas City, IN.
- Southern Star received authorization under the Commission's prior notice proceeding to construct and operate its Line XMAA Expansion Project which will provide 24 MMcf/d of capacity on its Line XMAA in MO for one shipper with markets in Boone County, MO.
- Dominion received authorization to construct, and operate its Clarington Project which will provide 250 MMcf/d of capacity for one shipper on its system from an interconnection in Lightburn, WV to delivery points in Monroe County, OH.
- Kaiser-Frontier Midstream received authorization to construct and operate pipeline facilities to its existing system and
 to operate this pipeline (Silo Pipeline) as a jurisdictional pipeline. These facilities will provide an additional 5 MMcf/d
 of capacity from its Silo Gas Processing Plant in Laramie County, WY to an interconnection with WIC in Weld County,
 CO.
- Texas Gas received authorization to construct and operate its Ohio-Louisiana Access Project which will provide 626
 MMcf/d of transportation capacity for shippers from IN to new markets in the Midwest and South.
- The Commission vacated the certificate issued to PetroLogistics (now Boardwalk Storage) to construct and operate storage Cavern 28 at its existing Choctaw Hub Storage facility in Iberville Parish, LA. The storage facility would have provided 10.7 Bcf of working gas capacity.
- WBI Energy Transmission requests authorization under the Commission's prior-notice procedures to construct and operate facilities in ND that would provide 18 MMcf/d of capacity from the Bakken area to an interconnection with Northern Border in McKenzie County, ND.
- Southern Natural requests authorization under the Commission's prior-notice procedures to construct and operate its South Main Expansion Project which would provide 5 MMcf/d of capacity for one shipper to serve municipal gas systems located across Southern Natural's South Georgia Lateral.
- Leader One Energy requests authorization to vacate the certificate issued to construct and operate the Leader One Gas Storage Project which would provide 11 Bcf of working gas at a storage facility located in Adams County, CO.

Natural Gas Activities in August 2015

Status	No. of Projects	Storage Capacity (Bcf)	Deliverability (MMcf/d)	Capacity (MMcf/d)	Miles of Pipeline	Compression (HP)			
Pipeline									
Placed in Service	2			201.0	98.0	21,830			
Certificated	4			905.0	31.4	27,245			
Proposed	2			23.2	0.0	2,180			
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	t)								
Placed in Service	0	0	0			0			
Certificated (Import/Export)	0	0	0			0			
Proposed (Export)	0	0	0			0			

Source: Staff Database



For August 2015

Natural Gas Activities through August 31, 2015

January through August 31, 2014

Status	No. of Projects	Storage Capacity (Bcf)	Deliverability (MMcf/d)	Capacity (MMcf/d)	Miles of Pipeline	Compression (HP)		
Pipeline								
Placed in Service through August 31, 2014	15 9			5,230.7 888.2	194.5 73.9	127,925 30,950		
Certificated through August 31, 2014	24 22			6,711.0 6,176.6	326.5 228.6	234,818 221,623		
Storage								
Placed in Service through August 31, 2014	3 5	3.4 17.25	53 110			0 4,800		
Certificated through August 31, 2014	2 3	2.7 1.2	0 0			0 2,500		
LNG (Import & Export)	LNG (Import & Export)							
Placed in Service through August 31, 2014	0 0	0 0	0 0			0 <mark>0</mark>		
Certificated (Import/Export) through August 31, 2014	1 3	0 3.4	1,400 4,060			0		

Source: Staff Database

Hydropower Highlights (nonfederal)

- 5440 Hydro, Inc. was issued a small-hydro exemption from licensing for the proposed 0.6 MW Brooklyn Dam Hydroelectric Project No. 13806. The project will be located on the Upper Ammonoosuc River in Coos County, NH.
- The City of Brainerd Public Utilities Commission filed an amendment application to install a new 0.600 MW unit at its
 existing 3.342 MW Brainerd Hydroelectric Project No. 2533. The project is located on the Mississippi River in Crow
 Wing County, MN.

Hydropower Project Activities in August 2015

Status	Conventional		Pumped Storage		Hydrokinetic		Total No.	Total	
	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	1	0.600	0	0	0	0	1	0.600	
Conduit Exemption	0	0	0	0	0	0	0	0	
Issued									
License	0	0	0	0	0	0	0	0	
10-MW Exemption	1	0.600	0	0	0	0	1	0.600	
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



For August 2015

Hydropower Project Activities Year to Date (through August 31, 2015)

	Conventional		Pumped Storage		Hydrokinetic		Total No.	Total	
Status	No.	Capacity (MW)	No.	Capacity (MW)	No.	Capacity (MW)	of Projects	Capacity (MW)	
Filed	Filed								
License	2	5.600	1	240.000	0	0	3	245.600	
10-MW Exemption	1	0.192	0	0	0	0	1	0.192	
Capacity Amendment	1	0.600	0	0	0	0	1	0.600	
Conduit Exemption	0	0	0	0	0	0	0	0	
Issued									
License	3	17.250	0	0	0	0	3	17.250	
10-MW Exemption	1	0.600	0	0	0	0	1	0.600	
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	1	21.250	0	0	1	21.250	
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

Electric Generation Highlights

- Green Pastures Wind I LLC's 150 MW Green Pastures Wind Phase 1 Project in Knox County, TX is online.
- Rising Tree Wind Farm III LLC's 99 MW Rising Tree Wind Farm Phase 3 Project in Kern County, CA is online. Rising Tree Wind Farm now has 198 MW total capacity. The power generated is sold to Southern California Edison Co. under long-term contract.
- North Star Solar LLC's 62.5 MW North Star Solar Phase 1 Project in Fresno County, CA is online. The power generated is sold to Pacific Gas & Electric Co. under long-term contract.
- Solar Star California XIX LLC's 85 MW Antelope Valley I Solar Phase 6 Project in Kern County, CA is online. Antelope Valley I now has 310 MW total capacity. The power generated is sold to Southern California Edison Co. under long-term contract.
- Solar Star California XX LLC's 43 MW Solar Star II Phase 6 Project in Kern County, CA is online. Solar Star II now
 has 276 MW in total capacity. The power generated is sold to Southern California Edison Co. under long-term
 contract.
- BNB Texas Solar LLC's 30 MW Barilla Solar Phase 3 Project in Pecos County, TX is online. Barilla Solar now has 80 MW total capacity.
- Victor Dry Farm Ranch A LLC's 5 MW Victor Dry Farm Ranch A Solar Project in San Bernardino County, CA is online.
 The power generated is sold to Southern California Edison Co. under long-term contract.
- Victor Dry Farm Ranch B LLC's 5 MW Victor Dry Farm Ranch B Solar Project in San Bernardino County, CA is online.
 The power generated is sold to Southern California Edison Co. under long-term contract.
- Indiana Municipal Power Agency's 3 MW Peru Solar Farm in Miami County, IN is online.
- Public Service Company of Colorado's 626 MW natural gas-fired Cherokee Expansion Project in Adams County, CO
- Balko wind LLC's 300 MW Balko Wind Project in Beaver County, OK is online. The power generated is sold to Public Service Co. of Oklahoma and Western Farmers Electric Cooperative under long-term contracts.
- K4 Wind Farm LLC's 176.9 MW Pilot Hill Wind Expansion Project in Kankakee County, IL is online. The power generated is sold to Microsoft Corp. under long-term contract.
- Route 66 Wind Power Co.'s 150 MW Pullman Road Wind Phase 1 Project in Armstrong County, TX is online.



For August 2015

- Red Horse Wind 2 LLC's 85 MW Red Horse 2 Wind and Solar Project in Cochise County, AZ is online. This hybrid
 project consists of 42.5 MW of solar and 42.5 MW of wind generation. The power generated is sold to Tucson Electric
 Power under long-term contract.
- Breckinridge Wind Project LLC's 98.8 MW Breckinridge Wind Project in Garfield County, OK is online. The power generated is sold to Grand River Dam Authority under long-term contract.

New Generation In-Service (New Build and Expansion)

	August 2015			y – August 2015 umulative	January – August 2014 Cumulative	
Primary Fuel Type	No. of Installed Units Capacity (MW)		No. of Units	Installed Capacity (MW)	No. of Units	Installed Capacity (MW)
Coal	0	0	1	3	1	30
Natural Gas	1	626	34	3,182	38	5,693
Nuclear	0	0	0	0	9	181
Oil	0	0	7	10	13	59
Water	0	0	19	149	13	181
Wind	9	1,017	30	3,336	29	1,405
Biomass	1	27	15	242	55	97
Geothermal Steam	0	0	1	45	7	36
Solar	30	449	160	1,326	228	1,753
Waste Heat	0	0	0	0	2	68
Other *	1	0	7	0	7	22
Total	42	2,119	274	8,294	402	9,526

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 Installed Operating Generating Capacity

	Installed Capacity (GW)	% of Total Capacity
Coal	308.16	26.47%
Natural Gas	499.07	42.86%
Nuclear	107.02	9.19%
Oil	45.02	3.87%
Water	100.06	8.59%
Wind	69.20	5.94%
Biomass	16.63	1.43%
Geothermal Steam	3.91	0.34%
Solar	13.32	1.14%
Waste Heat	1.15	0.10%
Other *	0.77	0.07%
Total	1,164.32	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.

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



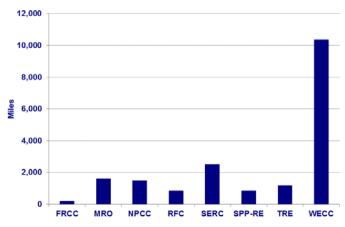
For August 2015

Electric Transmission Highlights

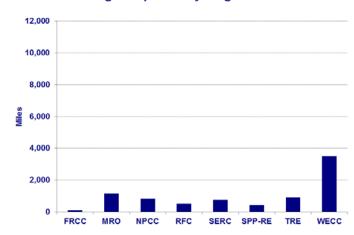
In October 2015, Duke Energy Progress plans to announce the final path of the 40 mile, 230 kV Campobello – Asheville Transmission Line. The \$320 million interstate transmission project will connect NC and SC.

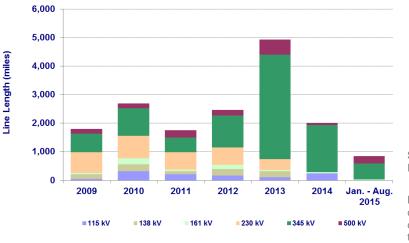
		Trans	Proposed Transmission Projects In-Service by August 2017			
Voltage (kV)	August 2015	August 2014	High Probability of Completion	All		
(KV)			Line	Length (miles)		
≤230	0.0	46.0	116.4	1,218.5	3,493.5	6,546.2
345	0.0	0.0	556.7	1,659.8	2,498.8	5,053.6
500	0.0	0.0	256.0	70.0	2,205.9	7,533.9
Total U.S.	0.0	46.0	929.1	2,948.3	8,198.2	19,133.7

All Transmission Projects with a Proposed In-Service Date by August 2017



Transmission Projects with a High Probability of being completed by August 2017





Sources: Transmission data derived from Staff Database and U.S. Electric Transmission Projects ©2015 The C Three Group, LLC

Disclaimer: This Report contains analyses, presentations and conclusions that may be based on or derived from the data sources cited, but do not necessarily reflect the positions or recommendations of the data providers.