

For September 2013

Natural Gas Highlights

- Petal Gas Storage placed into service its converted storage Cavern No. 12A, within the Petal Salt Dome, in Forrest County, MS. This cavern will provide 5 Bcf of working gas capacity.
- Dominion received authorization to construct and operate its Natrium to Market Project which will provide 185 MMcf/d
 of capacity from a receipt point in Marshall County, WV to an interconnection with TETCO in Greene County, PA.
- Gulf Crossing received authorization to construct and operate a pipeline lateral (Panda Sherman Project), which will provide 125 MMcf/d of firm service to Panda Sherman's proposed 758 megawatt power plant in Grayson County, TX.
- Tennessee received authorization to construct and operate its Rose Lake Expansion Project. This project will provide 230 MMcf/d of firm transportation capacity for two shippers on Tennessee's Line 300 system in northeastern PA.
- Transco requested authorization to construct and operate its Leidy Southeast Project, which will provide 525 MMcf/d
 of capacity from Transco's Leidy Line in PA to various delivery points along its mainline as far south as AL.
- Sabine Pass Liquefaction and Creole Trail Pipeline requested authorization to expand the liquefaction capabilities (Trains 5 and 6) at the existing Sabine Pass LNG terminal in Cameron Parish, LA by 1,400 MMcf/d and to construct and operate pipeline facilities which will provide 1,500 MMcf/d of firm reverse flow capacity to the terminal.

Natural Gas Activities in September 2013

Status	No. of Projects	Storage Capacity (Bcf)	Deliverability (MMcf/d)	Capacity (MMcf/d)	Miles of Pipeline	Compression (HP)		
Pipeline								
Placed in Service	5			168.2	20.0	6,300		
Certificated	4			540.0	41.5	48,041		
Proposed	3			2,625.0	134.3	137,813		
Storage	Storage							
Placed in Service	4	12.1	1,512			9,240		
Certificated	1	1.7	0			0		
Proposed	1	-3.0	-300			0		
LNG (Import & Export)							
Placed in Service	0	0	0			0		
Certificated (Export)	0	0	0			0		
Proposed (Export)	1	0	1,400			0		

Source: Staff Database

Natural Gas Activities through September 30, 2013

Status	No. of Projects	Storage Capacity (Bcf)	Deliverability (MMcf/d)	Capacity (MMcf/d)	Miles of Pipeline	Compression (HP)
Pipeline						
Placed in Service through September 30, 2012	17 13			2,026.7 2,030.6	124.7 222.8	84,140 85,040
Certificated through September 30, 2012	21 18			3,736.6 4,116.8	145.2 194.9	109,591 <mark>92,660</mark>
Storage						
Placed in Service through September 30, 2012	14 11	47.3 72.7	2,882 1,345			56,620 94,305
Certificated through September 30, 2012	12 9	33.3 76.8	766 2,940			9,240 85,755
LNG (Import & Export)						
Placed in Service through September 30, 2012	0 0	0 0	0 0			0 0
Certificated (Export) through September 30, 2012	0 1	0	0 2,600			0 0

Source: Staff Database



For September 2013

Hydropower Highlights (nonfederal)

- Wisconsin Electric Power Company was issued an amendment to its license for its Twin Falls Project No. 11831 which increased the project's total installed capacity from 6.1 to 9.0 MW. The project is located on the Menominee River in Iron and Dickinson counties, MI and Florence County, WI.
- Boyce Hydro Power LLC was issued an amendment to its license for its Sanford Project No. 2785 which increased
 the project's total installed capacity from 3.3 to 3.6 MW. The project is located on the Tittabawassee River in Midland
 County, MI.
- Lock 7 Hydro Partners LLC filed an amendment to its license for its Mother Ann Lee Hydroelectric Project No. 539 to replace the runner of Unit 2, which will increase the project's total installed capacity from 2.040 MW to 2.210 MW.
 The project is located on the Kentucky River in Mercer County, KY.

Hydropower Activities in September 2013

Trydropower Activities in deptember 2010								
	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
5-MW Exemption	0	0	0	0	0	0	0	0
Capacity Amendment	1	0.170	0	0	0	0	1	0.170
Conduit Exemption	0	0	0	0	0	0	0	0
Issued								
License	0	0	0	0	0	0	0	0
5-MW Exemption	0	0	0	0	0	0	0	0
Capacity Amendment	2	3.200	0	0	0	0	2	3.200
Conduit Exemption	0	0	0	0	0	0	0	0
Placed in Service								
License	0	0	0	0	0	0	0	0
5-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 Activities Year to Date (through September 30, 2013)

	Conventional		Pumped Storage		Hydrokinetic		Total No.	Total	
Status	No.	Capacity (MW)	No.	Capacity (MW)	No.	Capacity (MW)	of Projects	Capacity (MW)	
Filed	Filed								
License	8	96.860	0	0	0	0	8	96.860	
5-MW Exemption	1	0.040	0	0	0	0	1	0.040	
Capacity Amendment	1	0.170	0	0	0	0	1	0.170	
Conduit Exemption	4	0.552	0	0	0	0	4	0.552	
Issued									
License	6	19.060	0	0	0	0	6	19.060	
5-MW Exemption	4	1.033	0	0	0	0	4	1.033	
Capacity Amendment	4	10.575	0	0	0	0	4	10.575	
Conduit Exemption	5	0.680	0	0	0	0	5	0.680	
Placed in Service									
License	1	4.400	0	0	0	0	1	4.400	
5-MW Exemption	0	0	0	0	0	0	0	0	
Capacity Amendment	2	0.960	0	0	0	0	2	0.960	
Conduit Exemption	1	0.037	0	0	0	0	1	0.037	

Source: Staff Database



For September 2013

Electric Generation Highlights

- Basin Electric Power Cooperative's 45 MW natural gas-fired Pioneer Generating Station Phase 1 in Williams County,
 ND is online. Phase 2, with 90 MW, is expected to come online in January 2014.
- GreenWhey Energy's 3.2 MW biomass fueled project in Polk County, WI is online. GreenWhey's two anaerobic
 digesters convert wastewater from the area cheese processing plants into electricity which is sold under long-term
 contract to Xcel Energy.
- Three solar plants with a total of 5.6 MW capacity in NC are online: 1) 2 MW Central Farm 2 in Robeson County; 2)
 1.6 MW Innovative Solar 1 & 2 in Buncombe County; and 3) FLS Energy Inc.'s 2 MW Taylor Solar Farm in Robeson County. The power generated from these facilities is sold to Progress Energy Carolinas under long-term contracts.

New Generation In-Service (New Build and Expansion)

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	Sep	otember 2013		ry – September 3 Cumulative	January – September 2012 Cumulative				
Primary Fuel Type	No. of Units	Installed Capacity (MW)	No. of Installed Capacity Units (MW)		No. of Units	Installed Capacity (MW)			
Coal	0	0	2	1,543	3	2,359			
Natural Gas	1	45	51	5,854	91	5,079			
Nuclear	0	0	0	0	1	0			
Oil	0	0	7	27	38	73			
Water	0	0	11	116	10	8			
Wind	1	2	9	961	87	5,043			
Biomass	3	5	57	192	102	413			
Geothermal Steam	0	0	1	14	9	148			
Solar	5	7	146	1,935	228	1,091			
Waste Heat	0	0	2	76	1	3			
Other	2	0	3	0	4	0			
Total	12	58	289	10,717	574	14,217			

Source: Data derived from Ventyx Global LLC, Velocity Suite.

Total Installed Operating Generating Capacity

	Installed Capacity (GW)	% of Total Capacity
Coal	336.38	28.94%
Natural Gas	487.96	41.98%
Nuclear	106.78	9.19%
Oil	47.15	4.06%
Water	96.66	8.32%
Wind	60.15	5.18%
Biomass	15.20	1.31%
Geothermal Steam	3.78	0.33%
Solar	6.27	0.54%
Waste Heat	1.14	0.10%
Other	0.80	0.07%
Total	1,162.27	100.00%

Source: Data derived from Ventyx Global LLC, Velocity Suite.



For September 2013

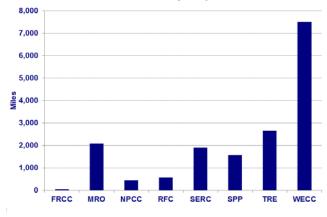
Electric Transmission Highlights

- Lower Colorado River Authority has completed the 140 mile, 345 kV Big Hill Kendall Transmission Project. The \$345 million project is a part of the Competitive Renewable Energy Zone initiative (CREZ) in TX.
- ITC Transmission has completed the 62 mile, 345 kV Bauer Rapson Transmission Project. The project is a part of the Thumb Loop in MI.
- Southern California Edison Co has completed the 15 mile, 115 kV Devers Mirage Transmission Project in CA.
- Lincoln Electric System has completed the 2 mile, 115 kV 30th & A 56th & Everett Transmission Project. The project is part of the Central Lincoln Reliability Project line in NE.

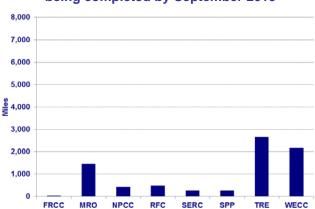
		Trans	Proposed Transmission Projects In-Service by September 2015							
Voltage (kV)	September 2013	September 2012	January – December 2012 Cumulative	High Probability of Completion	All					
(100)	Line Length (miles)									
≤230	17.0	77.2	107.7	1,072.8	1,162.6	4,337.1				
345	202.0	0.0	1,749.6	1,086.6	4,822.4	6,740.7				
500	0.0	0.0	176.0	187.5	1,772.7	5,690.8				
Total U.S.	219.0	77.2	2,033.3	2,346.9	7,757.7	16,768.6				

Sources: Data derived from Staff Database and U.S. Electric Transmission Projects ©2013 The C Three Group, LLC

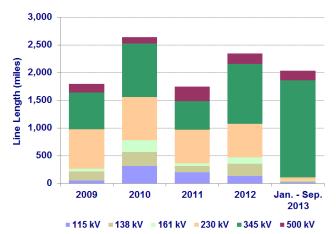
All Transmission Projects with a Proposed In-Service Date by September 2015



Transmission Projects with a High Probability of being completed by September 2015



New Transmission Projects by Voltage



Sources: Data derived from Staff Database and U.S. Electric Transmission Projects ©2013 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.