

OCS 1.03:

How many of the 200 capacity resource portfolios referenced in line 57 of Mr. Mierzwa's testimony include some form of on-system storage (as defined in 1.02, above)? For each, please:

- a. Identify the NGDC;
- b. Identify on-system storage by name and location;
- c. Indicate whether the NGDC owns and/or operates each identified storage facility; and
- d. Describe the benefits of such storage to the identified NGDC.

RESPONSE:

The capacity resource portfolios referenced by Mr. Mierzwa are identified in Attachment 1.03, as are the on-system storage facilities operated or owned by the NGDC, and the number of occasions Mr. Mierzwa has reviewed the NGDC's annual design day forecast. The benefits of on-system storage to each identified NGDC is that it assists in meeting the projected design day demands of the NGDC's customers. The name and location of each on-system storage facility is not maintained by Mr. Mierzwa. See Attachment 1.03 for additional detail.

Annual Design Peak

NGDC	Number of Reviews	On-System Storage			Facility Name/Location
		Underground Storage	LNG	Propane	
National Fuel Gas Distribution Corporation	17	—	—	—	
PECO Energy Company	2	—	x	—	
Peoples Gas Company	15	x	—	—	
Peoples Natural Gas Company	23	x	—	—	
Peoples Natural Gas Company – Equitable Division	21	—	—	—	
Philadelphia Gas Works	6	—	x	—	Richmond/Passyunk
UGI Central Penn Gas	14	—	x ⁽¹⁾	—	
UGI Penn Natural Gas	13	—	—	x ⁽²⁾	
UGI Utilities – Gas Division	28	—	x ⁽²⁾	—	
Delmarva Power & Light	6	—	x	—	
Chesapeake Utilities Corporation – Delaware Division	6	—	—	x	
Nicor Gas Company	16*	x	—	—	
The Peoples Gas Light and Coke Company	11*	x	—	—	
North Shore Gas Company	11*	x	—	—	
Piedmont Natural Gas Company (Tennessee)	4	—	x	—	
Chattanooga Gas Company	2	—	x	—	
Atmos Energy Corporation (Tennessee)	1	—	—	—	
Vectren Energy Delivery North	11*	x	—	x	
Vectren Energy Delivery South	11*	x	—	—	
Citizens Gas & Coke Utility	11*	x	x	—	
Northern Indiana Public Service Company	12*	x	x	—	

Annual Design Peak

NGDC	Number of Reviews	On-System Storage			Facility Name/Location
		Underground Storage	LNG	Propane	
Fitchburg Gas and Electric Light Company d/b/a Unutil	2	—	x	x	Westminster/Lunenburg
Boston Gas Company and Colonial Gas Company d/b/a National Grid	1	—	x	x	(3)
Liberty Utilities	2	—	x	—	Charles St. Fall River
The Berkshire Gas Company	1	—	x	x	(4)
NSTAR Gas Company d/b/a Eversource Energy	2	—	x	—	Hopkinton/Acushnet
Bay State Gas Company d/b/a Columbia Gas of Massachusetts	2	x	x	—	(5)
Duke Energy Ohio	6	—	—	x	Eastern Avenue
Columbia Gas of Ohio	5	—	—	—	
Vectren Energy Delivery of Ohio	3	—	—	x	
Dominion East Ohio Gas	3	x	—	—	
West Ohio Gas Company	1	—	—	—	
National Gas & Oil Company	1	x	—	—	
Ohio Gas Company	1	—	—	—	
Pike and Eastern Natural Gas Companies	1	—	—	—	

*Estimated

(1) On-system but owned and operated by a third party.

(2) On-system but owned and operated by an affiliate.

(3) Commercial Point, Lynn, Salem, Tewksbury, South Yarmouth, Wareham, Haverhill.

(4) Pittsfield, Greenfield, North Adams, Whately.

(5) LNG-Easton, Lawrence, Ludlow, Marshfield. Propane-Meadowlane, Lawrence, North Hampton, West Springfield.