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September 10, 2014

Via Electronic Filing

Ms. Barcy McNeal
Administration/Docketing
Public Utilities Commission of Ohio
180 East Broad Street, 11th Floor
Columbus, OH 43215-3793

Re: NTE Ohio, LLC, OPSB Case No. 14-534-EL-BGN

Dear Ms. McNeal:

Attached for filing in the above-referenced matter is NTE Ohio, LLC's ("NTE") response to Ohio Power Siting Board Staff ("Staff") data requests. The data requests were received by NTE on September 4, 2014.

Please do not hesitate to contact me if you have any questions.

Sincerely,

Sally W. Bloomfield

Attachment

CC: Christina Burri

RESPONSE TO OPSB STAFF DATA REQUESTS

Middletown Energy Center

14-534-EL-BGN

Data Requests Received 9/4/14

Data Request Response 9/10/14

Selected information provided on 9/5/14 is updated as outlined for specific comments below.

Water Supply

2. *The design cases of the preliminary water balance (Figure 02-6) seem to have losses and gains at various points in the system (identified below). Please explain.*
 - *The peak, maximum, average, and minimum design cases (in MGD) had losses at the Battery Limit & Back Flow preventer.*
 - *The minimum design case (in MGD) had losses at the “service water system/wash water” and “cooling tower basin.”*
 - *The average design case (in MGD) had losses at the “HRSB blowdown flash tank and quench water.”*

The attached water balance has been updated to correct for the small rounding discrepancies.

Gas Supply

5. *For each existing natural gas line that you may interconnect with in order to service the proposed site, please state:*
 - a. *the natural gas pipeline company owner;*
 - b. *the name, number, and designator of the pipeline;*
 - c. *the diameter of the pipeline;*
 - d. *the MAOP (maximum allowable operating pressure) of the pipeline;*
 - e. *the normal operating pressure;*
 - f. *the maximum throughput of the pipeline in MMcf per day, corresponding to (d) above; and*
 - g. *the normal throughput of the pipeline in MMcf per day, corresponding to (e) above.*

The following table provides small typographical corrections on owner names, and adds the requested information for the Texas Eastern pipeline.

Natural Gas Pipeline Owner	Tallgrass Energy Partners in JV with Semptra and Phillips 66	Spectra Energy Partners, LP
Name, Number and Designator of Pipeline	Rockies Express Pipeline, LLC	Texas Eastern Transmission
Pipeline Diameter	42"	24"
Pipeline MOAP	1,480 psi	800 psi
Pipeline Normal Operating Pressure	900 – 1,480 psi	575 – 775 psi
Maximum Throughput (MAOP)	1,800 MMcf/day	800 MMcf/day
Normal Throughput	1,100 – 1,800 MMcf/day*	80 – 200 MMcf/day

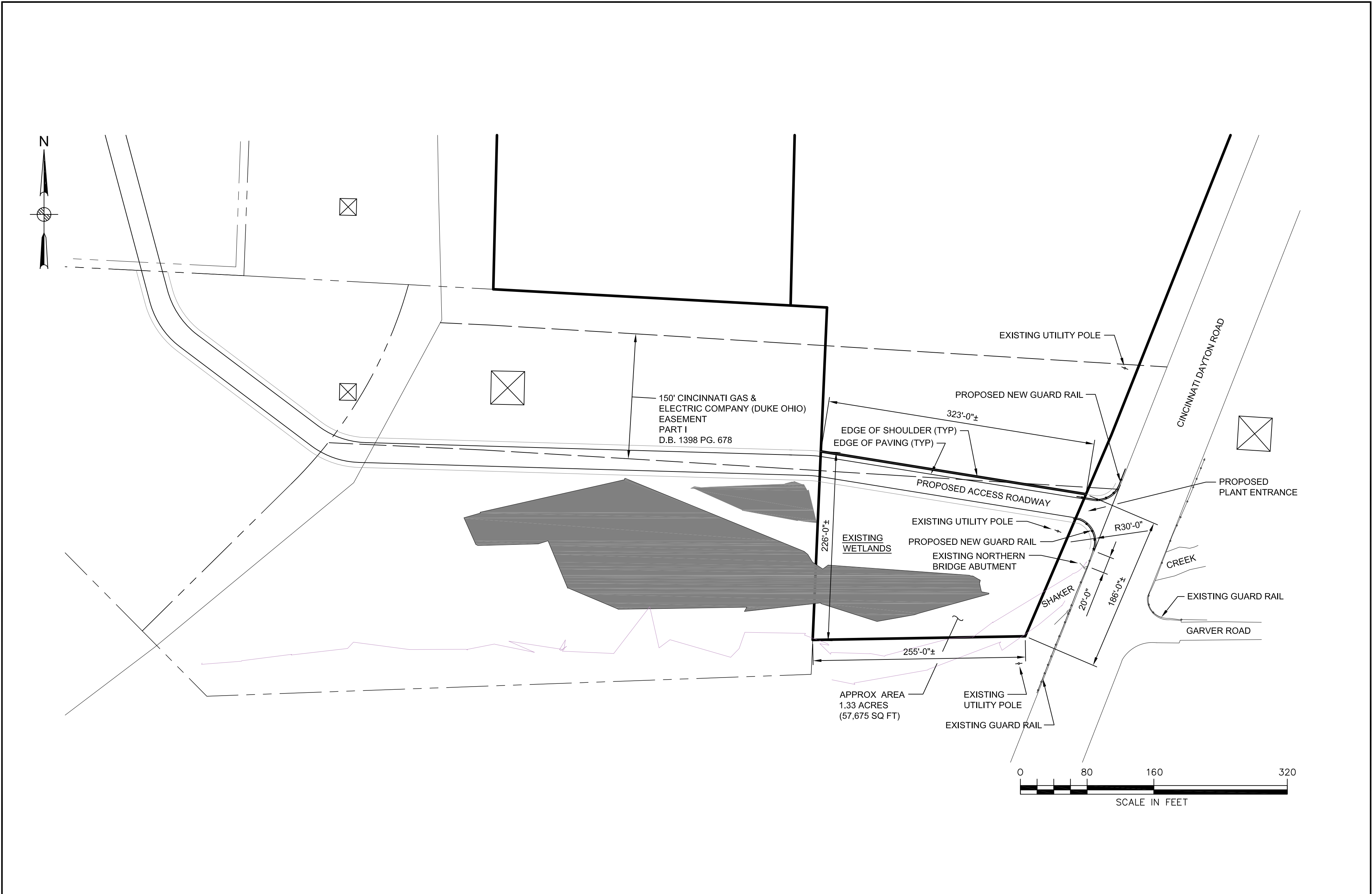
*Variable due to seasonal demands and market conditions (the numbers shown are based on historical values).

Additional Information


Two access road alternatives off of Cincinnati Dayton Road were included in the application. The attached drawing reflects the selected configuration for access in that location.

STREAM DATA TABLE

Description	Stream No	Peak Flow Case 1A		Max Flow Case 1A		Avg Flow MHI Case 127		Min Flow MHI Case 119		Notes
Ambient Condition (DB / WB)		97.7 / 79.7		97.7 / 79.7		55.4 / 48.3		35.4 / 32.0		
		gpm	mgd	gpm	mgd	gpm	mgd	gpm	mgd	
Water at Battery Limit & Back flow preventer	1	3,234.3	4.657	2,837.7	4.086	1,533.2	2.208	1,258.2	1.811	
Potable/Sanitary usage	2	2.0	0.003	2.0	0.003	2.0	0.003	2.0	0.003	
Sanitary waste	3	2.0	0.003	2.0	0.003	2.0	0.003	2.0	0.003	
Water to RO/EDI units	4	51.2	0.074	51.2	0.074	38.3	0.055	38.7	0.056	
Recovered water from RO/EDI unit	5	6.4	0.009	6.4	0.009	4.8	0.007	4.8	0.007	
DM Water to Storage tank	6	44.8	0.065	44.8	0.065	33.5	0.048	33.9	0.049	
Make-up to Steam cycle	7	44.8	0.065	44.8	0.065	33.5	0.048	33.9	0.049	
Steam sampling losses	8A	6.0	0.009	6.0	0.009	6.0	0.009	6.0	0.009	
Misc losses	8B	5.0	0.007	5.0	0.007	5.0	0.007	5.0	0.007	
Steam cycle Blowdown	9	33.8	0.049	33.8	0.049	22.5	0.032	22.9	0.033	
Steam vent losses	10	8.1	0.012	8.1	0.012	5.4	0.008	5.5	0.008	
Water from flash tank	11	49.7	0.072	49.7	0.072	33.1	0.047	33.6	0.049	
Service water system	12	3,183.1	4.583	2,786.5	4.012	1,494.9	2.153	1,219.5	1.755	
Make-up to fire water system	13	-	-	-	-	-	-	-	-	
Service water to CT make-up, CTG evap cooler & wash water	14	3,183.1	4.583	2,786.5	4.012	1,494.9	2.153	1,219.5	1.755	
Service/Wash water	15	29.0	0.042	29.0	0.042	21.0	0.030	21.2	0.030	
Quench water to HRSG Blowdown	16	24.0	0.035	24.0	0.035	16.0	0.023	16.2	0.023	
Water to Waste water collection sump	17	5.0	0.007	5.0	0.007	5.0	0.007	5.0	0.007	
Wash/Oily water to Oily water separator	18	5.0	0.007	5.0	0.007	5.0	0.007	5.0	0.007	
Make-up to CTG Evap Cooler	19	55.3	0.080	55.3	0.080	27.7	0.041	-	-	
CTG inlet evaporative cooler evaporation	20	36.9	0.053	36.9	0.053	18.4	0.027	-	-	
CTG inlet evap cooler blowdown	21	18.4	0.027	18.4	0.027	9.2	0.014	-	-	2
CT make-up	22	3,098.8	4.462	2,702.1	3.890	1,446.2	2.083	1,198.2	1.725	
CT Evaporation loss	23	2,380.0	3.427	2,380.0	3.427	1,280.0	1.843	1,060.0	1.526	
CT Drift loss	24	8.8	0.013	8.8	0.013	8.8	0.013	8.8	0.013	3
CT Blowdown	25	784.6	1.129	387.9	0.558	204.6	0.294	167.9	0.241	1
Water disposal to City of Middletown	26	797.6	1.148	400.9	0.577	217.6	0.313	180.9	0.260	



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<div><p>400 Blue Hill Drive Suite 100, North Lobby Westwood, MA 02090 United States</p><p>T +1 (781) 915-0015 F +1 (781) 915-0001 W www.mottmac.com</p></div>	<div><p>Middletown Energy Center an NTE Energy Project</p></div>	Notes	Rev	Date	Drawn	Description	Ch'k'd	App'd	Title PROPOSED PLANT ENTRANCE / ACCESS ROADWAY ARRANGEMENT SKETCH	Drawn	-
			A	09/04/14		FOR INFORMATION ONLY				Checked	-
			B	09/08/14		FOR INFORMATION ONLY				Approved	-
									Scale at ANSI C 1" = 80'-0"		
									Drawing Number 334954OH-MSK-002	Date 09/03/14	Rev B

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Case No(s). 14-0534-EL-BGN

Summary: Reply responses to Staff data requests electronically filed by Teresa Orahood on behalf of Sally Bloomfield