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VIA UPS NEXT DAY AIR

March 1, 2001

The Public Utilities Commission
of Ohio
Docketing Division
180 East Broad Street
Columbus, OH 43215

RE: **Monongahela Power Company,**
dba Allegheny Power
Electric Transition Plan Filing
Case No. 00-02-EL-ETP

Dear Docketing Division:

Enclosed please find the ***Transmission/Distribution Separation Filing of Monongahela Power Company*** pursuant to the above-referenced case. Only one copy of Allegheny Power's map of major transmission facilities and Allegheny Power's system operating diagram (6 pages) is provided due to the volume and cost of reproduction.

Sincerely yours,

Gary A. Jack
Senior Attorney

GAJ:tmw
cc: Parties of Record

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Technician T.M.W Date Processed 3.2.01

ENTRY Item (4), Part 1) –
Discussion of Facilities and FERC's Seven-Factor Test

AP T&D Facilities Classification

Allegheny Power (AP) is preparing to place control of its transmission facilities into the hands of the PJM Office of Interconnection before the end of 2001. This requires a simple identification of the facilities to be controlled; it neither affects ownership of electrical facilities nor requires changes in plant accounting.

Allegheny Power also is contemplating subsequent development of a wholly-owned Transmission Company (TRANSCO) that would own all of its present transmission assets. We presently believe that if there were such a transfer of asset ownership, any resulting net changes in plant accounting would be minor.

Allegheny Power believes that, if separation of existing assets into a TRANSCO is to be accomplished, the initial classification and valuation of transmission and distribution assets should be thorough, and that any subsequent reclassification of existing facilities should be minimized.

The ruleset developed for this purpose is intended to be comprehensive, in order to minimize the need for future changes. Nevertheless, circumstances could change (for example, the interconnection of a new wholesale generator), and require that certain facilities be reclassified. The rules that follow are intended to minimize the need for future reclassifications.

AP's ruleset is not designed or intended to change the existing balance of plant accounting. It is intended to identify facilities for initial PJM control, and possible TRANSCO ownership, and to ensure reliable transmission operation.

FERC's Seven-Factor Test

The FERC "Seven-Factor Test" (SFT) provides the overall distinction between distribution and transmission facilities. The SFT is general in nature, and clearly indicates that there can be exceptions to the general criteria. FERC has provided no guidance as to an acceptable range of interpretation of the general rules. Therefore, additional rules and definitions have been established to guide AP's classification decisions.

AP's T&D Separation Rules

For the purpose of classifying AP's transmission and distribution facilities, the following additional rules apply.

1) Transmission voltages are defined as 100 kV and higher. There are some exceptions. (See Rules 4 and 5.)

2) Network substations are defined as those that are connected to three or more other network substations by lines operating at a transmission voltage.

3) A transmission line operates at transmission voltage and connects two or more network substations.
   a) A transmission line can consist of multiple serial segments due to intervening substations that tap the transmission line to serve distribution load.
   b) A transmission line can consist of three segments that connect three network substations at a junction point.

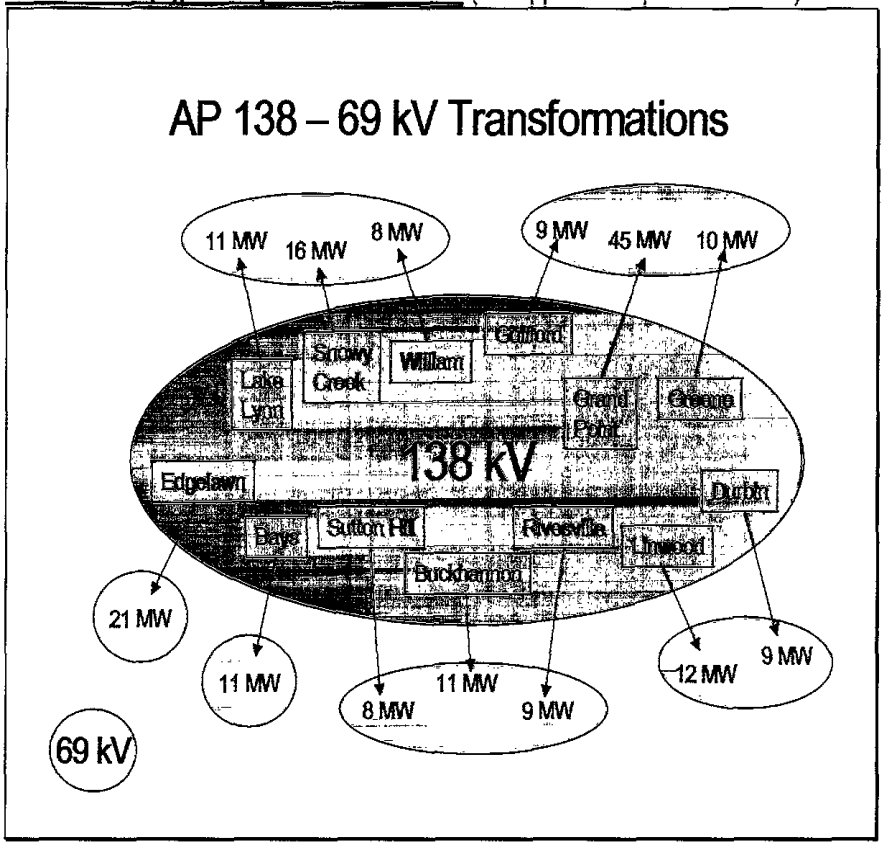
4) Lines and substation facilities that provide a path interconnecting the AP network with another are classified as transmission facilities, regardless of the operating voltage, and even if operated normally open.

5) Facilities providing the primary path to the transmission network to interconnect a generation source that produces power for the wholesale market are classified as transmission facilities, regardless of generating capacity or operating voltage.

6) Capacitors installed on transmission busses are transmission facilities. Radial lines operating at transmission voltages, and substations served by such radial lines, are transmission facilities if a shunt capacitor, or other reactive support device, operating at transmission voltage is present on the substation bus.

7) Transformers connecting voltage levels, both (or all) of which are transmission voltages, are transmission facilities. Transformers connecting transmission facilities to lower voltage levels do so for delivery of power to the distribution system, and are therefore distribution facilities.

ENTRY Item (4), Part 2) – Load-flow Data (In support of separation rules.)



Local Distribution Networks

This diagram is a transcription of the results of AP's 2000 Summer base case power flow study. (Results are tabulated in the following eight pages.) System conditions in the base case are normal, and all confirmed regional transactions are included.

[Lake Lynn / Snowy Creek / William], [Guilford / Grand Point / Greene], [Linwood / Durbin], and [Sutton Hill / Buckhannon / Rivesville] are all multiple supply points for local 69 kV networks. As the diagram shows, there are substantial power flows into each of these four local networks at every supply point; no power flows out. Operating experience confirms that the study results are correct, and are consistent with AP's design and operation of bulk power supply facilities serving local distribution. AP's local distribution networks are unaffected by regional power flows under normal operating circumstances. These facts verify that AP's proposed nomination of transmission and distribution facilities is consistent with FERC's "Seven Factor Test."

The transformations at Edgelawn and Bays are purely radial; that is, the 69 kV facilities in those areas have no other connections to the higher-voltage network.

ENTRY Item (4), Part 2) – Load-flow Data

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS/E FRI, FEB 09 2001 13:20
2000 SUMMER MON POWER WITH WVP AND SUBTRANSMISSION AREAS

OUTPUT FOR AREA 1 [APS A]

BUS DATA								LINE DATA							
FROM BUS	NAME	AREA ZONE	VOLT PU/KV	ANGLE	GEN MW/MVAR	LOAD MW/MVAR	SHUNT MW/MVAR	TO BUS	NAME	CKT	AREA	MW	MVAR	TRANSFORMER RATIO	TRANSFORMER ANGLE	RATING A %I	RATING A MVA
8386	ALPINE 69.0	1	0.977	-37.8	0.0	2.7	0.0										
		98	67.43		0.0	0.4	0.0	8467	ALPINE T69.0	1	1	-2.7	-0.4			7	39
8387	AMBOY 69.0	1	0.976	-37.2	0.0	2.0	0.0										
		98	67.37		0.0	1.0	0.0	8400	SNOW C 69.0	1	1	-2.4	1.6			8	37
								8403	WILLIAM 69.0	1	1	0.4	-2.5			7	37
8388	BAYARD 69.0	1	0.975	-37.9	0.0	0.4	0.0										
		98	67.29		0.0	0.3	0.0	8401	STONY RT69.0	1	1	-2.0	-3.7			11	39
								8466	N BRAN T69.0	1	1	1.5	3.4			10	39
8389	BLACKWTR69.0	1	0.980	-37.5	0.0	2.0	0.0										
		98	67.59		0.0	0.6	0.0	8403	WILLIAM 69.0	1	1	-2.0	-0.6			6	39
8390	BUFF CL 69.0	1	0.978	-38.1	0.0	0.7	0.0										
		98	67.50		0.0	0.0	0.0	8401	STONY RT69.0	1	1	-1.5	4.3			11	41
								8402	STONY R 69.0	1	1	0.8	-4.3			11	41
8391	CASCADE 69.0	1	0.959	-36.9	0.0	9.8	0.0										
		98	66.16		0.0	7.4	0.0	8448	PRESCO 69.0	1	1	-9.8	-7.4			30	43
8392	CHER RGT69.0	1	0.974	-37.9	0.0	0.0	0.0										
		98	67.19		0.0	0.0	0.0	8393	CHER RG 69.0	1	1	3.0	1.5			8	41
								8394	GRANT CT69.0	1	1	-1.1	-3.3			9	41
								8456	GORMAN 69.0	1	1	-1.9	1.8			4	63
8393	CHER RG 69.0	1	0.972	-38.0	0.0	2.5	0.0										
		98	67.09		0.0	1.2	0.0	8392	CHER RGT69.0	1	1	-3.0	-1.5			8	41
								8465	KUHN 69.0	1	1	0.5	0.3			2	41
8394	GRANT CT69.0	1	0.974	-37.9	0.0	0.0	0.0										
		98	67.19		0.0	0.0	0.0	8392	CHER RGT69.0	1	1	1.1	3.3			9	41
								8466	N BRAN T69.0	1	1	-1.2	-3.3			9	41
								8495	GRANT C 69.0	1	1	0.0	0.0			0	41
8395	LAKE LYN69.0	1	0.979	-35.7	0.0	0.0	0.0										
		98	67.57		0.0	0.0	0.0	8067	LAKE LYN 138	72	90	-10.7	-4.5	0.995UN		34	35
								8448	PRESCO 69.0	1	1	10.7	4.5			20	58
8396	N BRAN 69.0	1	0.975	-37.9	0.0	0.4	0.0										
		98	67.25		0.0	0.2	0.0	8466	N BRAN T69.0	1	1	-0.4	-0.2			1	39
8397	OAKLAND 69.0	1	0.974	-37.5	0.0	2.2	0.0										
		98	67.20		0.0	0.8	0.0	8400	SNOW C 69.0	1	1	-5.8	0.5			15	39
								8456	GORMAN 69.0	1	1	3.6	-1.3			10	39
8398	ROWLEB 69.0	1	0.962	-37.2	0.0	2.8	0.0										
		98	66.38		0.0	1.4	0.0	8399	ROWLEB T69.0	1	1	-2.8	-1.4			8	41

8399 ROWLEB T69.0	1	0.966	-37.0	0.0	0.0	0.0												
	98	66.65		0.0	0.0	0.0	8398 ROWLEB	69.0	1	1	2.8	1.3				8	41
							8400 SNOW C	69.0	1	1	-2.1	-4.0				8	58
							8448 PRESCO	69.0	1	1	-0.7	2.7				5	58
8400 SNOW C 69.0	1	0.976	-36.9	0.0	5.2	0.0												
	98	67.37		0.0	2.6	-4.7	8118 SNOW C	138	1	90	-15.6	0.9	1.019UN			60	27
							8387 AMBOY	69.0	1	1	2.4	-1.7				8	37
							8397 OAKLAND	69.0	1	1	5.8	-0.7				15	39
							8399 ROWLEB T	69.0	1	1	2.1	3.7				8	58
8401 STONY RT69.0	1	0.977	-37.9	0.0	0.0	0.0												
	98	67.38		0.0	0.0	0.0	8388 BAYARD	69.0	1	1	2.0	3.6				11	39
							8390 BUFF CL	69.0	1	1	1.5	-4.4				12	41
							8467 ALPINE T	69.0	1	1	-3.5	0.8				9	39
8402 STONY R 69.0	1	0.979	-38.2	0.0	0.8	0.0												
	98	67.59		0.0	0.3	-4.5	8390 BUFF CL	69.0	1	1	-0.8	4.3				11	41
8403 WILLIAM 69.0	1	0.981	-37.4	0.0	0.0	0.0												
	98	67.67		0.0	0.0	-4.8	8136 WILLIAM	138	2	90	-7.9	2.6	1.019UN			42	20
							8387 AMBOY	69.0	1	1	-0.3	2.3				6	37
							8389 BLACKWTR	69.0	1	1	2.0	0.5				6	39
							8467 ALPINE T	69.0	1	1	6.2	-0.6				16	39
8404 ADRIAN 69.0	1	0.982	-35.5	0.0	0.2	0.0												
	99	67.79		0.0	0.1	0.0	8405 BUCKHAN	69.0	1	1	-4.1	-1.3				11	38
							8411 GAME FRM	69.0	1	1	3.9	1.2				11	38
8405 BUCKHAN 69.0	1	0.987	-35.3	0.0	0.0	0.0												
	99	68.12		0.0	0.0	-5.4	8018 BUCKHAN	138	1	90	-10.6	-1.2	0.995UN			31	35
							8404 ADRIAN	69.0	1	1	4.1	1.2				11	38
							8407 CENTUR	69.0	1	1	-0.7	2.9				8	37
							8415 ROANOK	69.0	1	1	7.1	2.5				20	37
8406 BURNSV 69.0	1	0.957	-36.8	0.0	5.1	0.0												
	99	66.06		0.0	2.3	0.0	8410 FRAMET T	69.0	1	1	-0.6	-0.2				2	37
							8415 ROANOK	69.0	1	1	-4.5	-2.1				14	37
8407 CENTUR 69.0	1	0.984	-35.1	0.0	4.0	0.0												
	99	67.91		0.0	3.1	0.0	8405 BUCKHAN	69.0	1	1	0.7	-3.1				9	37
							8408 ELK C	69.0	1	1	-4.7	0.0				13	37
8408 ELK C 69.0	1	0.987	-34.8	0.0	0.5	0.0												
	99	68.12		0.0	0.2	0.0	8407 CENTUR	69.0	1	1	4.7	-0.1				13	37
							8412 LAMP PL	69.0	1	1	-5.2	-0.1				14	37
8409 FRAMET 69.0	1	0.955	-36.9	0.0	2.8	0.0												
	99	65.92		0.0	1.2	0.0	8410 FRAMET T	69.0	1	1	-2.8	-1.2				8	38
8410 FRAMET T69.0	1	0.958	-36.7	0.0	0.0	0.0												
	99	66.13		0.0	0.0	0.0	8406 BURNSV	69.0	1	1	0.6	-0.2				2	37
							8409 FRAMET	69.0	1	1	2.8	1.0				8	38
							8413 OTTER	69.0	1	1	-3.5	-0.9				10	38
8411 GAME FRM69.0	1	0.979	-35.7	0.0	3.9	0.0												
	99	67.56		0.0	1.3	0.0	8404 ADRIAN	69.0	1	1	-3.9	-1.3				11	38
8412 LAMP PL 69.0	1	0.998	-33.4	0.0	3.7	0.0												
	99	68.84		0.0	0.3	-4.4	8408 ELK C	69.0	1	1	5.3	-0.5				14	37

8413 OTTER	69.0	1	0.958	-36.7	0.0	4.6	0.0	8414 RIVESVL	69.0	1	1	-9.0	4.7		27	37
		99	66.13		0.0	2.0	0.0	8410 FRAMET T	69.0	1	1	3.5	0.9		10	38
								8416 SUTTN H	69.0	1	1	-8.1	-2.8		23	38
8414 RIVESVL	69.0	1	0.998	-33.2	0.0	21.3	0.0											
		99	68.84		0.0	4.4	0.0	8104 RIVESVL	138	10	90	-17.5	0.1		44	40
								8104 RIVESVL	138	8	90	-12.8	0.2		64	20
								8412 LAMP PL	69.0	1	1	9.1	-4.7		27	37
8415 ROANOK	69.0	1	0.968	-36.4	0.0	2.6	0.0											
		99	66.80		0.0	0.9	0.0	8405 BUCKHAN	69.0	1	1	-7.1	-2.8		21	37
								8406 BURNSV	69.0	1	1	4.5	1.9		13	37
8416 SUTTN H	69.0	1	0.965	-36.4	0.0	0.0	0.0											
		99	66.62		0.0	0.0	0.0	8123 SUTTN H	138	1	90	-8.1	-2.8	0.995UN	25	35
								8413 OTTER	69.0	1	1	8.1	2.8		23	38
8448 PRESCO	69.0	1	0.962	-36.9	0.0	0.0	0.0											
		98	66.38		0.0	0.0	0.0	8391 CASCADE	69.0	1	1	9.9	7.4		30	43
								8395 LAKE LYN	69.0	1	1	-10.6	-4.5		21	58
								8399 ROWLEB T	69.0	1	1	0.7	-2.9		5	58
8456 GORMAN	69.0	1	0.973	-37.9	0.0	1.7	0.0											
		98	67.16		0.0	0.8	0.0	8392 CHER RGT	69.0	1	1	1.9	-1.9		4	63
								8397 OAKLAND	69.0	1	1	-3.6	1.1		10	39
8465 KUHN	69.0	1	0.972	-38.0	0.0	0.5	0.0											
		98	67.07		0.0	0.4	0.0	8393 CHER RG	69.0	1	1	-0.5	-0.4		2	41
8466 N BRAN T	69.0	1	0.975	-37.9	0.0	0.0	0.0											
		98	67.25		0.0	0.0	0.0	8388 BAYARD	69.0	1	1	-1.5	-3.4		10	39
								8394 GRANT CT	69.0	1	1	1.2	3.3		9	41
								8396 N BRAN	69.0	1	1	0.4	0.2		1	39
8467 ALPINE T	69.0	1	0.978	-37.8	0.0	0.0	0.0											
		98	67.46		0.0	0.0	0.0	8386 ALPINE	69.0	1	1	2.7	0.3		7	39
								8401 STONY RT	69.0	1	1	3.5	-0.9		9	39
								8403 WILLIAM	69.0	1	1	-6.1	0.5		16	39
8495 GRANT C	69.0	1	0.974	-37.9	0.0	0.0	0.0											
		98	67.19		0.0	0.0	0.0	8394 GRANT CT	69.0	1	1	0.0	0.0		0	41

OUTPUT FOR AREA 92 [ELKINS]

FROM BUS	NAME	AREA ZONE	VOLT PU/KV	ANGLE	GEN MW/MVAR	LOAD MW/MVAR	SHUNT MW/MVAR	TO BUS	NAME	CKT	AREA	MW	MVAR	TRANSFORMER RATIO	TRANSFORMER ANGLE	RATING %I	RATING A MVA
8165	DURBIN 69.0	92	0.970	-37.5	0.0	0.4	0.0										
		92	66.94		0.0	0.2	0.0	8033	DURBIN 138	1	90	-9.4	2.5	0.958RG		28	35
								8166	FRANK 69.0	1	92	7.0	-3.1			21	38
								8182	TROUT R 69.0	1	92	2.0	0.5			5	38
8166	FRANK 69.0	92	0.970	-37.9	0.0	4.3	0.0										
		92	66.90		0.0	0.9	-4.7	8165	DURBIN 69.0	1	92	-7.0	3.1			21	38
								8174	MONTEREY69.0	1	92	2.8	0.7			8	38
8170	ISNER CK69.0	92	0.930	-37.2	0.0	9.8	0.0										
		92	64.16		0.0	4.2	0.0	8172	LOUGHS L69.0	1	92	-9.8	-4.2			30	38
8171	LINWOOD 69.0	92	0.985	-37.5	0.0	0.0	0.0										
		92	67.96		0.0	0.0	0.0	8071	LINWOOD 138	1	90	-12.1	5.2	1.019UN		35	38
								8177	SNOWS T 69.0	1	92	12.1	-5.2			16	85
8172	LOUGHS L69.0	92	0.938	-36.9	0.0	0.0	0.0										
		92	64.70		0.0	0.0	0.0	8073	LOUGHS L 138	1	90	-14.2	-5.2	1.044UN		46	35
								8170	ISNER CK69.0	1	92	9.8	4.2			30	38
								8183	TYGART 69.0	1	92	4.4	1.0			13	38
8173	MARL 69.0	92	0.976	-39.9	0.0	5.2	0.0										
		92	67.34		0.0	1.2	0.0	50	NEW_BUS 69.0	1	89	3.0	-2.9			11	38
								8180	THORN CT69.0	1	92	-8.3	1.8			23	38
8174	MONTEREY69.0	92	0.961	-38.3	0.0	2.7	0.0										
		92	66.32		0.0	1.1	0.0	8166	FRANK 69.0	1	92	-2.7	-1.1			8	38
8177	SNOWS T 69.0	92	0.987	-38.2	0.0	0.0	0.0										
		92	68.10		0.0	0.0	0.0	8171	LINWOOD 69.0	1	92	-12.0	5.2			16	85
								8178	SNOWS 69.0	1	92	2.1	-3.7			7	63
								8179	MARL T 69.0	1	92	9.9	-1.5			16	63
8178	SNOWS 69.0	92	0.988	-38.3	0.0	2.1	0.0										
		92	68.17		0.0	0.6	-4.3	8177	SNOWS T 69.0	1	92	-2.1	3.7			7	63
8179	MARL T 69.0	92	0.986	-38.4	0.0	0.0	0.0										
		92	68.04		0.0	0.0	0.0	8177	SNOWS T 69.0	1	92	-9.9	1.4			16	63
								8180	THORN CT69.0	1	92	9.9	-1.4			26	38
8180	THORN CT69.0	92	0.982	-38.9	0.0	0.0	0.0										
		92	67.79		0.0	0.0	0.0	8173	MARL 69.0	1	92	8.3	-1.9			23	38
								8179	MARL T 69.0	1	92	-9.9	1.4			26	38
								8181	THORN C 69.0	1	92	1.5	0.5			4	41
8181	THORN C 69.0	92	0.981	-38.9	0.0	1.5	0.0										
		92	67.70		0.0	0.6	0.0	8180	THORN CT69.0	1	92	-1.5	-0.6			4	41
8182	TROUT R 69.0	92	0.967	-37.7	0.0	2.0	0.0										
		92	66.74		0.0	0.7	0.0	8165	DURBIN 69.0	1	92	-2.0	-0.7			6	38

FROM BUS	NAME	AREA ZONE	VOLT PU/KV	ANGLE	GEN MW/MVAR	LOAD MW/MVAR	SHUNT MW/MVAR	TO BUS	NAME	CKT	AREA	MW	MVAR	TRANSFORMER RATIO	TRANSFORMER ANGLE	RATING A %I	RATING A MVA
8183	TYGART 69.0	92	0.925	-37.6	0.0	4.3	0.0										
		92	63.85		0.0	1.3	0.0	8172	LOUGHS L69.0	1	92	-4.3	-1.3			13	38

OUTPUT FOR AREA 96 [PARKERSB]

FROM BUS	NAME	AREA ZONE	VOLT PU/KV	ANGLE	GEN MW/MVAR	LOAD MW/MVAR	SHUNT MW/MVAR	TO BUS	NAME	CKT	AREA	MW	MVAR	TRANSFORMER RATIO	TRANSFORMER ANGLE	RATING A %I	RATING A MVA
8292	EDGELAWN69.0	96	0.966	-28.7	0.0	0.0	0.0										
		96	66.66		0.0	0.0	0.0	8036	EDGELAWN 138	1	90	-21.2	-11.5	0.995UN		71	35
								8484	MINERL W69.0	1	96	21.2	11.5			56	44
8293	ELIZAB 69.0	96	0.932	-30.3	0.0	3.0	0.0										
		96	64.27		0.0	1.8	0.0	8483	ELIZAB T69.0	1	96	-3.0	-1.8			9	41
8312	PALESTIN69.0	96	0.931	-30.4	0.0	3.0	0.0										
		96	64.22		0.0	1.4	0.0	8483	ELIZAB T69.0	1	96	-3.0	-1.4			8	44
8319	SLATE 69.0	96	0.937	-30.1	0.0	5.8	0.0										
		96	64.69		0.0	2.5	0.0	8318	SLATE 34.0	1	96	2.8	0.9	0.975LK		42	8
								8482	SLATE T 69.0	1	96	-8.6	-3.4			22	44
8482	SLATE T 69.0	96	0.939	-30.0	0.0	0.0	0.0										
		96	64.82		0.0	0.0	0.0	8319	SLATE 69.0	1	96	8.6	3.4			22	44
								8483	ELIZAB T69.0	1	96	6.1	3.0			16	44
								8484	MINERL W69.0	1	96	-14.7	-6.4			38	44
8483	ELIZAB T69.0	96	0.933	-30.3	0.0	0.0	0.0										
		96	64.35		0.0	0.0	0.0	8293	ELIZAB 69.0	1	96	3.0	1.7			9	41
								8312	PALESTIN69.0	1	96	3.0	1.3			8	44
								8482	SLATE T 69.0	1	96	-6.0	-3.1			16	44
8484	MINERL W69.0	96	0.956	-29.1	0.0	6.2	0.0										
		96	65.99		0.0	4.7	0.0	8292	EDGELAWN69.0	1	96	-21.0	-11.3			56	44
								8482	SLATE T 69.0	1	96	14.8	6.6			38	44

OUTPUT FOR AREA 97 [SOUTHERN]

FROM BUS	NAME	AREA ZONE	VOLT PU/KV	ANGLE	GEN MW/MVAR	LOAD MW/MVAR	SHUNT MW/MVAR	TO BUS	NAME	CKT	AREA	MW	MVAR	TRANSFORMER RATIO	TRANSFORMER ANGLE	RATING A %I	RATING A MVA
8345	BAYS 69.0	97	0.929	-37.0	0.0	2.4	0.0										
		97	64.08		0.0	1.1	0.0	8009	BAYS 138	1	90	-10.9	-5.1	1.024UN		65	20
								8365	JULIAN 69.0	1	97	8.5	4.0			16	63
8351	BROOKS R69.0	97	0.921	-37.4	0.0	5.5	0.0										
		97	63.58		0.0	2.1	0.0	8365	JULIAN 69.0	1	97	-5.5	-2.1			10	63
8365	JULIAN 69.0	97	0.922	-37.4	0.0	2.9	0.0										
		97	63.62		0.0	2.0	0.0	8345	BAYS 69.0	1	97	-8.4	-4.1			16	63

8351 BROOKS R69.0 1 97 5.5 2.1 10 63

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS/E FRI, FEB 09 2001 14:26
2000 SUMMER MON POWER WITH WVP AND SUBTRANSMISSION AREAS

BUS DATA								LINE DATA									
FROM BUS	NAME	AREA ZONE	VOLT PU/KV	ANGLE	GEN MW/MVAR	LOAD MW/MVAR	SHUNT MW/MVAR	TO BUS	NAME	CKT	AREA	MW	MVAR	TRANSFORMER RATIO	TRANSFORMER ANGLE	RATING A %I	RATING A MVA
8105	RIVESVL 11.5	90	1.053	-23.4	80.0	0.0	0.0										
		90	12.10		33.8R	0.0	0.0	8104	RIVESVL	138 8	90	80.0	33.8			172	48
8106	RIVESVL 13.8	90	1.040	-27.3	53.0	0.0	0.0										
		90	14.35		33.8R	0.0	0.0	8104	RIVESVL	138 10	90	53.0	33.8			81	75

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS/E FRI, FEB 09 2001 14:55
2000 SUMMER BASE - P.E. LOAD = 2600 MW - 12-20-99

OUTPUT FOR AREA 1 [APS A] PE AREA

FROM BUS	NAME	AREA ZONE	VOLT PU/KV	ANGLE	GEN MW/MVAR	LOAD MW/MVAR	SHUNT MW/MVAR	TO BUS	NAME	CKT	AREA	MW	MVAR	TRANSFORMER RATIO	TRANSFORMER ANGLE	RATING %I	RATING A MVA
375	CREE 69.0	1	0.969	-74.5	0.0	45.0	0.0										
		9	66.87		0.0	14.8	0.0	404	GRANDPOI69.0	1	1	-45.0	-14.8				
404	GRANDPOI69.0	1	0.972	-74.2	0.0	0.0	0.0										
		9	67.09		0.0	0.0	0.0	64	01GRANDP 138	1	1	-45.1	-15.1	0.956UN		55	90
								375	CREE 69.0	1	1	45.1	15.1				
406	GREENE 69.0	1	0.980	-72.1	0.0	0.0	0.0										
		9	67.64		0.0	0.0	0.0	65	01GREENE 138	1	1	-10.3	-2.1	0.956UN		32	34
								493	SALEM 69.0	1	1	10.3	2.1			13	85
408	GUILFORD69.0	1	0.985	-71.9	0.0	0.0	0.0										
		9	67.97		0.0	0.0	0.0	66	01GUILFD 138	1	1	-8.5	-4.2	0.956UN		30	32
								487	ROUTE 3069.0	1	1	8.5	4.2			11	85
487	ROUTE 3069.0	1	0.980	-72.3	0.0	6.2	0.0										
		9	67.63		0.0	2.0	0.0	408	GUILFORD69.0	1	1	-8.5	-4.1			11	85
								493	SALEM 69.0	1	1	2.3	2.1			4	85
493	SALEM 69.0	1	0.979	-72.4	0.0	12.6	0.0										
		9	67.52		0.0	4.2	0.0	406	GREENE 69.0	1	1	-10.3	-2.1			13	85
								487	ROUTE 3069.0	1	1	-2.3	-2.1			4	85
561	OAKLAND 69.0	1	0.961	-34.6	0.0	2.1	0.0										
		10	66.34		0.0	0.7	0.0	562	GORMAN 69.0	1	1	6.1	1.5			17	38
								8400	SNOWY CK69.0	1	1	-8.2	-2.2			23	38
562	GORMAN 69.0	1	0.960	-34.7	0.0	2.0	0.0										
		10	66.23		0.0	1.5	0.0	561	OAKLAND 69.0	1	1	-6.1	-1.6			17	38
								8392	CHR RG T69.0	1	1	4.1	0.1			7	61
8386	ALPINE 69.0	1	0.961	-35.0	0.0	3.2	0.0										
		10	66.31		0.0	0.0	0.0	8401	ST RIV T69.0	1	1	3.2	2.3			11	38
								8403	WILLIAM 69.0	1	1	-6.4	-2.3			19	38
8387	AMBOY 69.0	1	0.967	-34.3	0.0	2.2	0.0										
		10	66.75		0.0	1.1	0.0	8400	SNOWY CK69.0	1	1	-5.3	0.9				
								8403	WILLIAM 69.0	1	1	3.1	-1.9				
8388	BAYARD 69.0	1	0.957	-35.1	0.0	0.4	0.0										
		10	66.05		0.0	0.2	0.0	8396	N BRANCH69.0	1	1	0.4	1.9			5	38
								8401	ST RIV T69.0	1	1	-0.8	-2.1			6	38
8389	BLACKWTR69.0	1	0.966	-34.9	0.0	2.0	0.0										
		10	66.64		0.0	0.6	0.0	8403	WILLIAM 69.0	1	1	-2.0	-0.6				
8390	BUFFALO 69.0	1	0.957	-35.2	0.0	1.1	0.0										
		10	66.02		0.0	0.0	0.0	8401	ST RIV T69.0	1	1	-2.3	-0.4			6	41
								8402	STONY RV69.0	1	1	1.3	0.4			3	41
8391	CASCADE 69.0	1	0.968	-33.4	0.0	10.9	0.0										
		10	66.81		0.0	2.5	0.0	8395	LAKE LYN69.0	1	1	-14.7	-1.5				

							8399 RWLSBG T69.0	1	1	3.8	-1.0				
8392 CHR RG T69.0	1	0.957	-35.1	0.0	0.0	0.0									
	10	66.01		0.0	0.0	0.0	562 GORMAN 69.0	1	1	-4.1	-0.3			7	61
							8393 CHRRY RG69.0	1	1	3.7	2.1			11	41
							8394 GRANT PC69.0	1	1	0.0	0.0			0	41
							8396 N BRANCH69.0	1	1	0.3	-1.7			5	38
8393 CHRRY RG69.0	1	0.955	-35.1	0.0	3.7	0.0									
	10	65.88		0.0	2.1	0.0	8392 CHR RG T69.0	1	1	-3.7	-2.1			11	41
8394 GRANT PC69.0	1	0.957	-35.1	0.0	0.0	0.0									
	10	66.01		0.0	0.0	0.0	8392 CHR RG T69.0	1	1	0.0	0.0			0	41
8395 LAKE LYN69.0	1	0.982	-31.7	0.0	0.0	0.0									
	10	67.77		0.0	0.0	0.0	17 01LK LYN 138	1	1	-14.8	-1.6	1.000UN		43	35
							8391 CASCADE 69.0	1	1	14.8	1.6				
8396 N BRANCH69.0	1	0.957	-35.1	0.0	0.7	0.0									
	10	66.03		0.0	0.2	0.0	8388 BAYARD 69.0	1	1	-0.4	-1.9			5	38
							8392 CHR RG T69.0	1	1	-0.3	1.7			5	38
8398 ROWLESBG69.0	1	0.964	-34.0	0.0	4.1	0.0									
	10	66.49		0.0	0.9	0.0	8399 RWLSBG T69.0	1	1	-4.1	-0.9				
8399 RWLSBG T69.0	1	0.968	-33.8	0.0	0.0	0.0									
	10	66.77		0.0	0.0	0.0	8391 CASCADE 69.0	1	1	-3.8	0.8				
							8398 ROWLESBG69.0	1	1	4.1	0.8				
							8400 SNOWY CK69.0	1	1	-0.3	-1.6				
8400 SNOWY CK69.0	1	0.971	-33.8	0.0	5.3	0.0									
	10	67.00		0.0	2.6	-4.7	242 01SNWY C 138	1	1	-19.2	-0.1	1.019UN		66	30
							561 OAKLAND 69.0	1	1	8.2	2.1			23	38
							8387 AMBOY 69.0	1	1	5.3	-1.0				
							8399 RWLSBG T69.0	1	1	0.3	1.2				
8401 ST RIV T69.0	1	0.958	-35.1	0.0	0.0	0.0									
	10	66.10		0.0	0.0	0.0	8386 ALPINE 69.0	1	1	-3.2	-2.4			11	38
							8388 BAYARD 69.0	1	1	0.8	2.1			6	38
							8390 BUFFALO 69.0	1	1	2.3	0.3			6	41
8402 STONY RV69.0	1	0.956	-35.2	0.0	1.3	0.0									
	10	65.99		0.0	0.4	0.0	8390 BUFFALO 69.0	1	1	-1.3	-0.4			3	41
8403 WILLIAM 69.0	1	0.967	-34.8	0.0	0.0	0.0									
	10	66.73		0.0	0.0	-4.6	263 01WILLIA 138	1	1	-5.4	0.3	1.019UN		14	39
							8386 ALPINE 69.0	1	1	6.4	2.2			18	38
							8387 AMBOY 69.0	1	1	-3.0	1.6				
							8389 BLACKWTR69.0	1	1	2.0	0.5				

ENTRY Item (4), Part 3) – Maps

- Allegheny Power's map, "MAJOR TRANSMISSION FACILITIES – As of December 31, 2000", is provided as an attachment. It is a geographic representation of key regional facilities, including AP's electrical facilities down to the 69 kV level.

- AP's "SYSTEM OPERATING DIAGRAM" also is attached. This six-page schematic diagram represents AP's high-voltage electrical facilities and key facilities of systems surrounding AP. The diagram has been color-enhanced to illustrate AP's proposed nomination of transmission facilities.

  Transmission facilities are colored green. Distribution facilities, and facilities owned by others are black. The names of substations whose operation will be controlled by PJM (and that might be transferred to a TRANSCO) are highlighted in green. Those substations that would remain under the ownership of the distribution company, but contain transmission facilities, are highlighted in yellow. The names of substations owned by others are not highlighted.

ENTRY Item (4), Part 4) – Accounting Decisions, Specific Accounts, and Cost Separations

Accounting Decisions

The book value of AP's transmission and distribution facilities in Ohio, as presently allocated by accounts, is summarized in the table below. Even though it is premature to be making a thorough cost separation (owing to the fact that ownership by a TRANSCO is a consideration yet to be concluded), an estimate of the value of facilities that might be transferred is included.

AP currently views the possible transfer of transmission facilities ownership to a TRANSCO in terms of transferring each line and substation in its entirety. Certain substations that would be transferred include distribution facilities. Certain substations that would remain with the distribution company include transmission facilities. In these cases there would be an arrangement for leasing pertinent facilities from one company to the other in order to provide appropriate allocation of costs.

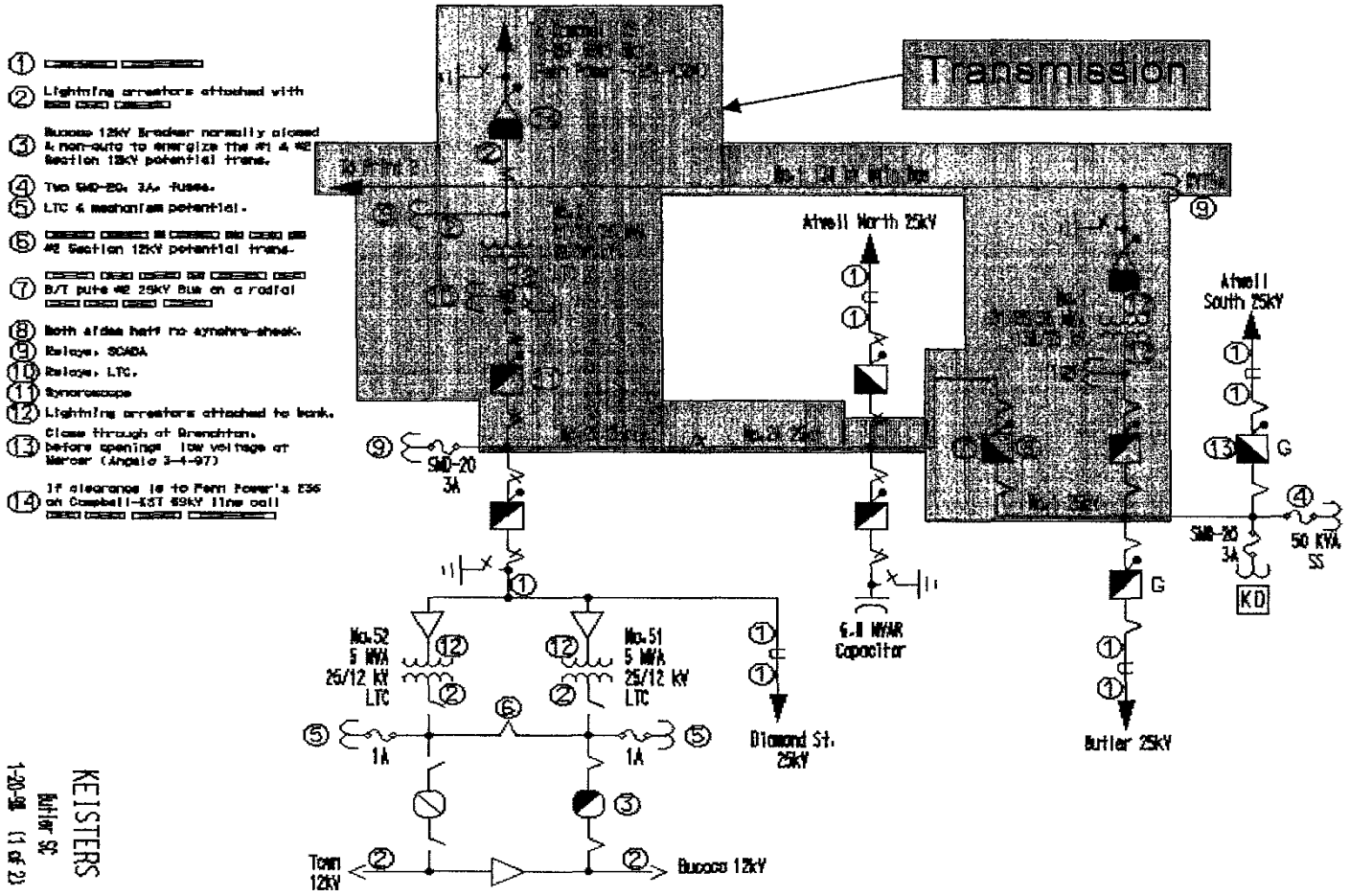
Substations that include both transmission and distribution facilities present an accounting challenge to ownership transfers and the lease-back concept. Accounting records, particularly for older facilities, do not permit a high degree of resolution of the costs represented by the items of hardware in a substation. It would be very taxing to examine the common facilities in every substation (control building, battery, fence, lighting, etc.) and develop a precise separation of costs. AP proposes to classify substations as, for example, 80/20 (80% transmission, 20% distribution), 70/30, etc. This is about the limit of resolution of accounting records. Using good judgment and applying percentages in moderate increments should facilitate the process of cost separation if it ever becomes necessary to implement a transfer of ownership and partial lease-back.

Cost Separations – Ohio

Asset Type	Current Book Value ($000)		Value if Assigned to a TRANSCO ($000)		Net Change to Transmission
	Transmission	Distribution	Transmission	Distribution	
Substations	$5,016	$6,984	$4,768	$7,232	($248)
Lines	$6,556	$0	$6,461	$95	($95)

The net change in T&D accounts due to a possible transfer of assets to a TRANSCO is estimated to be approximately $343,000, which is 1.8% of the current book value of all AP T&D assets in Ohio. This small shift from transmission to distribution would result from application of the FERC Seven Factor Test and AP's asset classification ruleset.

ENTRY Item (4), Part 5) – Other Justification



ENTRY Item (4), Part 5) – Other Justification

The substation diagram above is an illustration of AP's T&D Separation Rule #4, *"Lines and substation facilities that provide a path interconnecting the AP network with another are classified as transmission facilities, regardless of the operating voltage, and even if operated normally open."* The facilities highlighted in green above would be nominated as transmission.

The AP and Penn Power transmission networks are interconnected at Keisters SS. The transmission path is through the Keisters 138-25 kV transformer, a portion of the 25 kV bus, and then through the 25-69 kV transformer.

Although there are other low-voltage paths elsewhere that interconnect AP with neighboring companies, all those paths have a negligible response to regional power flows. The Keisters path is moderately responsive, and occasionally has figured in transfer constraints. Network reconfiguration is usually sufficient to alleviate any operating security problems that occur at Keisters.

Facilities in substations that interconnect wholesale generators to the AP transmission network by way of a lower-voltage path would be nominated as transmission in a manner analogous to the separation illustrated for Keisters.

CERTIFICATE OF SERVICE

The undersigned hereby certifies that the foregoing ***Transmission/Distribution Separation Filing of Monongahela Power Company*** was served on or about the 1st day of March, 2001, via e-mail upon the following:

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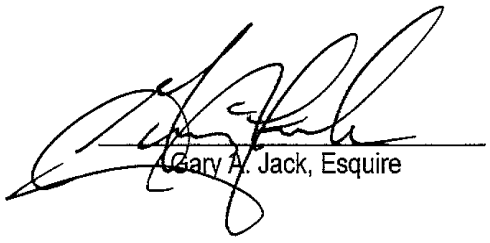

Gary A. Jack, Esquire

OVERSIZE DOCUMENT(S)

CASE NUMBER 00-02-EL-ETP NUMBER OF IMAGES 7

DESCRIPTION

00912AA.DGN
00913AA.DGN
00914AA.DGN
00915AA.DGN
000916AA.DGN
000917AA.DGN
050581AA.DGN

REMOVED BY _____
DATE _____
SENT OUT _____

REVISED 3/14/89