



**TRANSMISSION LINE DATA**

TOTAL LENGTH OF TRANSMISSION LINES	41.785
WIDTH OF RIGHT OF WAY	50
TOTAL RIGHT OF WAY THRU CULTIVATED LAND	28.178
TOTAL RIGHT OF WAY THRU WOODLAND	13.607
CONDITION OF RIGHT OF WAY THRU WOODLAND	BAD 43.70
CONDITION OF RIGHT OF WAY THRU WOODLAND	MEDIUM 8.637
RIGHT OF WAY CLEARED IN 1956	3.350

DRAWN BY: BAKER DATE: 12-1-49  
 EASTERN GAS & FUEL ASSOCIATES  
 COAL DIVISION  
 SONMAN, PA.  
 MAP SHOWING  
 SUB-STATIONS & TRANSFORMERS  
 OF SONMAN MINES  
 SCALE: 1" = 500'  
 1-50-49  
**W-36**

**DATA ON COMPANY OWNED AND POWER COMPANY TRANSFORMERS**

LETTER	LOCATION	MAKE	KVA	PHASE	POLARITY	SPEC.	TYPE	VOLTS-H.T.	VOLTS-L.T.	CYCLES	RISE °C	GAL. OIL	SERIAL NUMBER	REMARKS
A	SONMAN PLANT	GENERAL ELECTRIC	75	I	ADD.	A	6900	220/440	60				1818281 1818287 1818288	E. G. AND F. A.
B	LITZINGER FARM	GENERAL ELECTRIC	100	I	ADD.	B	6900	110/220	60				3387541 1802970	E. G. AND F. A.
C	LYNCH FARM	GENERAL ELECTRIC	150	I	ADD.	H	6900	103/206	60				1793133 1793132 1793134	E. G. AND F. A.
D	BOLAND FARM	GENERAL ELECTRIC	75	I	ADD.	A	6900	220/440	60	56			1560870 1560871 1560872	E. G. AND F. A.
E	SYBERT FARM	GENERAL ELECTRIC	50	I	ADD.	A	6900	105/210	60				4813648 6813649 6813647	E. G. AND F. A.
F	ITZELL FARM	GENERAL ELECTRIC	150	I	ADD.	H	6900	103/206	60	55	85		1828312 1828311 1828313	E. G. AND F. A.
G	SHARP HOIST	WESTINGHOUSE	333	I	ADD.	A	6900	220/440	60				2201891 2201892 2201893	E. G. AND F. A.
H	E-SEAM FAN	PITTSBURGH	100	I	ADD.	A	6900	220/440	60				695027 695028 695029	E. G. AND F. A.
I	NORTH DIP	WESTINGHOUSE	800	I	ADD.	H	6900	220/440	60				8635083 8635082 8635084	E. G. AND F. A.
J	K-SEAM PUMP	PITTSBURGH	200	I	ADD.	A	6900	220/440	60				701161 701162 701164	E. G. AND F. A.
K	MULLEN FARM	GENERAL ELECTRIC	150	I	ADD.	A	6900	220/440	60				472854 472855 390882	E. G. AND F. A.
L	NEIL TRACT	WESTINGHOUSE	50	I	ADD.	A	6900	105/210	60				392899 392878 454823	E. G. AND F. A.
M	POWER FARM	WESTINGHOUSE	150	I	ADD.	H	6900	103/206	60				1560873 1560874 1560875	E. G. AND F. A.
N	KRISKO FARM	GENERAL ELECTRIC	75	I	ADD.	H	6900	220/440	60				7813341 7813339 7813343	E. G. AND F. A.
O	WILMORE FARM	GENERAL ELECTRIC	150	I	ADD.	H	6900	103/206	60				2201894 2201895 2201896	E. G. AND F. A.
P	PORTAGE BORO	WESTINGHOUSE	200	I	ADD.	A	6900	220/440	60				620195 620196 620197	E. G. AND F. A.
Q	WILMORE FARM	GENERAL ELECTRIC	150	I	ADD.	H	6900	103/206	60				4394881 4394882 4394883	E. G. AND F. A.

**SUB-STATIONS**

NO.	LOCATION	KIND	KW	KVA	H.P.	VOLTS	PHASE	CYCLES	AMPS	R.P.M.	FORM	TYPE	SERIAL NO.	REMARKS
1	SONMAN PLANT	G.E. ROTARY CONVERTER SYN.	800			275	3	60	778	1200	F	H.C.G.	1052581	E. G. B-SEAMS
2	LITZINGER FARM	G.E. ROTARY CONVERTER SYN.	300			275	3	60	1092	1200	F	H.C.G.	384411	E. G. B-SEAMS
3	LYNCH FARM	G.E. SYN. MOTOR	250			435	3	60	1092	1200	F	H.C.G.	5086313	E. G. B-SEAMS
4	BOLAND FARM	G.E. SYN. MOTOR	150			435	3	60	1092	1200	F	H.C.G.	401811	E. G. B-SEAMS
5	SYBERT FARM	G.E. SYN. MOTOR	150			435	3	60	1092	1200	F	H.C.G.	830079	E. G. B-SEAMS
6	ITZELL FARM	G.E. SYN. MOTOR	150			435	3	60	1092	1200	F	H.C.G.	1238777	E. G. B-SEAMS
7	MARSHAL FARM	W.H. RECTIFIER SET	400			275	3	60	572	1200	G	A.T.I.	3748811	E. G. B-SEAMS
8	POWER FARM	G.E. GENERATOR	300			275	3	60	1100	1200	G	H.C.G.	1177220	E. G. B-SEAMS
9	BRONKHORST	G.E. SYN. GENERATOR	300			275	3	60	545	1200	F	H.C.G.	4006842	E. G. B-SEAMS
10	DESTROYED BY FIRE 1931													
11	KRISKO FARM	WESTINGHOUSE M.S.	800			150	3							E. G. B-SEAMS
12	KRISKO FARM	GE RC	300											

**MOTOR-GENERATOR, CONVERTER AND RECTIFIER DATA**

NO.	LOCATION	KIND	KW	KVA	H.P.	VOLTS	PHASE	CYCLES	AMPS	R.P.M.	FORM	TYPE	SERIAL NO.	REMARKS
1	SONMAN PLANT	G.E. ROTARY CONVERTER SYN.	800			275	3	60	778	1200	F	H.C.G.	1052581	E. G. B-SEAMS
2	LITZINGER FARM	G.E. ROTARY CONVERTER SYN.	300			275	3	60	1092	1200	F	H.C.G.	384411	E. G. B-SEAMS
3	LYNCH FARM	G.E. SYN. MOTOR	250			435	3	60	1092	1200	F	H.C.G.	5086313	E. G. B-SEAMS
4	BOLAND FARM	G.E. SYN. MOTOR	150			435	3	60	1092	1200	F	H.C.G.	401811	E. G. B-SEAMS
5	SYBERT FARM	G.E. SYN. MOTOR	150			435	3	60	1092	1200	F	H.C.G.	830079	E. G. B-SEAMS
6	ITZELL FARM	G.E. SYN. MOTOR	150			435	3	60	1092	1200	F	H.C.G.	1238777	E. G. B-SEAMS
7	MARSHAL FARM	W.H. RECTIFIER SET	400			275	3	60	572	1200	G	A.T.I.	3748811	E. G. B-SEAMS
8	POWER FARM	G.E. GENERATOR	300			275	3	60	1100	1200	G	H.C.G.	1177220	E. G. B-SEAMS
9	BRONKHORST	G.E. SYN. GENERATOR	300			275	3	60	545	1200	F	H.C.G.	4006842	E. G. B-SEAMS
10	DESTROYED BY FIRE 1931													
11	KRISKO FARM	WESTINGHOUSE M.S.	800			150	3							E. G. B-SEAMS
12	KRISKO FARM	GE RC	300											

**LEGEND**

- HOPE HOLE
- WATER HOLE
- POWER HOLE
- SUB-STATIONS
- TRANSFORMERS (K.G. DIV.)
- TRANSFORMERS (POWER CO.)
- POWER TRANSMISSION LINES (K.G. DIV.)
- POWER TRANSMISSION LINES (POWER CO.)

**FAN DATA SHAFT MINE**

LOCATION	MAKE	KIND	SERIAL TYPE	CU FT MIN	HP	VOLTS	AMPS	PH.	CYC.	SERIAL NO.	RPM
SONMAN PLANT	JEFFREY AERODYNE	BLOWER	6270 BH-60	80,000	285	2200	48.3	3	60	2245608	900
PORTAGE BORO	JEFFREY AERODYNE	EXHAUST	7785 BH-48	60,000	200	2200	51	3	60	2850348	350

**FAN DATA SLOPE MINE**

LOCATION	MAKE	KIND	SERIAL TYPE	CU FT MIN	HP	VOLTS	AMPS	PH.	CYC.	SERIAL NO.	RPM
PORTAGE BORO	JEFFREY AERODYNE	EXHAUST	5513 BH-60	133,000	350	2200	83.0	3	60	1415646	600
SONMAN PLANT	JEFFREY AERODYNE	EXHAUST	9088 BH-60	62,000	150	2200	51	3	60	UFB83008	740