	<b>TRANSFORMER SPECIFICATION PARKHILL T.S. DETAIL REQUIREMENTS</b>		Spec. No.	Exhibit 1
			Rev. No.	0
			Date	7/24/12
			Page	1 of 3

TRANSFORMER RATINGS											
Application: (Wind Farm / Solar) AutoTransformer											
Phase	3	Cooling Class	HV Volts		XV Volts		YV Volts		ZV(TV) Volts		Sound Level dBA
Frequency	60		525 kV		121 kV		27.6				
Cooling medium	Oil	Connection	Wye		Wye		delta				
Phasor Diagram	YNa0d1	ONAN	135	MVA	135	MVA	42	MVA		MVA	75@
Oil preservation	Conservator /diaphragm	ONAF	180	MVA	180	MVA	56	MVA		MVA	Top
		ONAF	225	MVA	225	MVA	70	MVA		MVA	ONAF
ADDITIONAL TAP VOLTAGES											
Terminal	Style	Taps or kV					Capacity				
HV	MR	± 10 % (33 Taps ULTC)					Full Capacity ULTC				
XV	N/A	N/A									
PERCENT IMPEDANCE VOLTS			TEMPERATURE RISES			°C	MVA				
%	Windings	At MVA	Winding			≤65	Top ONAF		PD = <300 pC		
10.0	H - X	135 MVA	Metallic Part			≤100	Top ONAF		RIV = < 100 uV		
	H - Y		Metallic Part in contact with paper			≤80	Top ONAF				
	X - Y		Top Oil			≤65	Top ONAF				

Winding and Bushing Ratings										
Terminal	Winding				Bushing					
	MVA	Voltage (kV)	BIL (kV)	Ampere (A)	Class (kV)	BIL (kV)	Ampere (A)	Min Strike Dist		Ext. Creep
								Ph to Ph	Ph to Gnd	
HV Line	225	525	1550		525	1675				
HOXO Neutral			200		36	200				
XV Line	225	121	550		145	650				
XV Neutral										
YV Line	70	27.6	200		36	200				
YV Neutral										

UNUSUAL SERVICE CONDITIONS		FOUNDATION	
Yes x No ( Check one ) – Conform to CSA-C88-M90		Specific Details and Measurements	
Ambient Temp. in °C (Max, Avg, Min)	38, 20, -30	Foundation Type:	
Elevation/Wind Speed	See Exhibit 2	Distance from Center of Foundation:	
Seismic Zone Designation (see Appendix H)	See Exhibit 2	To Segment 1	
Snow/Ice Accumulation (under energized, but no load)	See Exhibit 2	To Segment 2	
Short-time emergency Overloading (except GSU)	See IEEE C57.91-1995 Table 8	To Segment 3	
Long-time emergency Overloading (except GSU)		To Segment 4	
Abnormal harmonic currents solid-state short circuits	no	No Load losses per kW will be evaluated at	
Geomagnetically Induced Current (GIC) location	yes	Load losses per kW will be evaluated at	
High-current isolated-phase bus duct connection	no	Auxiliary losses per kW will be evaluated at	
Parallel operation	yes		
Neutral grounding resistor	no		

Exhibit 1 **NEXTERA ENERGY Transformer Detailed Requirements**

## APPENDIX D      SAMPLE CALCULATION FOR NOISE MODELING

Receiver: -  
 ID: 1  
 X: 452289  
 Y: 4774238  
 Z: 244.5  
 Ground: 240

ISO	Bezeichnung	ID	X	Y	Z	ReflOrd	LxT	LxN	Dist.	Freq	KOb	Dc	Adiv	Agr	Abar	Aatm	Afol	Ahaus	Cmet	RL	LtotT	LtotN
	Top of west transformer	TRTOP1	452733.9	4774657	240.5	0	46.8	46.8	611.13	32	0	0	66.72	-4.53	0	0.02	0	0	0	0	-15.46	-15.46
	Top of west transformer	TRTOP1	452733.9	4774657	240.5	0	66	66	611.13	63	0	0	66.72	-4.53	0	0.07	0	0	0	0	3.69	3.69
	Top of west transformer	TRTOP1	452733.9	4774657	240.5	0	78.1	78.1	611.13	125	0	0	66.72	3.31	0	0.25	0	0	0	0	7.78	7.78
	Top of west transformer	TRTOP1	452733.9	4774657	240.5	0	80.6	80.6	611.13	250	0	0	66.72	0.01	0	0.64	0	0	0	0	13.19	13.19
	Top of west transformer	TRTOP1	452733.9	4774657	240.5	0	86	86	611.13	500	0	0	66.72	-1.36	0	1.18	0	0	0	0	19.42	19.42
	Top of west transformer	TRTOP1	452733.9	4774657	240.5	0	83.2	83.2	611.13	1000	0	0	66.72	-1.36	0	2.24	0	0	0	0	15.56	15.56
	Top of west transformer	TRTOP1	452733.9	4774657	240.5	0	79.4	79.4	611.13	2000	0	0	66.72	-1.36	0	5.91	0	0	0	0	8.09	8.09
	Top of west transformer	TRTOP1	452733.9	4774657	240.5	0	74.2	74.2	611.13	4000	0	0	66.72	-1.36	0	20.03	0	0	0	0	-11.23	-11.23
	Top of west transformer	TRTOP1	452733.9	4774657	240.5	0	65.1	65.1	611.13	8000	0	0	66.72	-1.36	0	71.43	0	0	0	0	-71.74	-71.74
	Top of west transformer	TRTOP1	452732.7	4774656	240.5	0	43.7	43.7	609.74	32	0	0	66.7	-4.52	0	0.02	0	0	0	0	-18.45	-18.45
	Top of west transformer	TRTOP1	452732.7	4774656	240.5	0	62.9	62.9	609.74	63	0	0	66.7	-4.52	0	0.07	0	0	0	0	0.7	0.7
	Top of west transformer	TRTOP1	452732.7	4774656	240.5	0	75	75	609.74	125	0	0	66.7	3.31	0	0.25	0	0	0	0	4.79	4.79
	Top of west transformer	TRTOP1	452732.7	4774656	240.5	0	77.5	77.5	609.74	250	0	0	66.7	0.01	0	0.64	0	0	0	0	10.2	10.2
	Top of west transformer	TRTOP1	452732.7	4774656	240.5	0	82.9	82.9	609.74	500	0	0	66.7	-1.36	0	1.18	0	0	0	0	16.43	16.43
	Top of west transformer	TRTOP1	452732.7	4774656	240.5	0	80.1	80.1	609.74	1000	0	0	66.7	-1.36	0	2.23	0	0	0	0	12.57	12.57
	Top of west transformer	TRTOP1	452732.7	4774656	240.5	0	76.3	76.3	609.74	2000	0	0	66.7	-1.36	0	5.89	0	0	0	0	5.11	5.11
	Top of west transformer	TRTOP1	452732.7	4774656	240.5	0	71.1	71.1	609.74	4000	0	0	66.7	-1.36	0	19.98	0	0	0	0	-14.18	-14.18
	Top of west transformer	TRTOP1	452732.7	4774656	240.5	0	62	62	609.74	8000	0	0	66.7	-1.36	0	71.27	0	0	0	0	-74.57	-74.57
	Top of west transformer	TRTOP1	452730.7	4774657	240.5	0	43.7	43.7	608.61	32	0	0	66.69	-4.52	0	0.02	0	0	0	0	-18.44	-18.44
	Top of west transformer	TRTOP1	452730.7	4774657	240.5	0	62.9	62.9	608.61	63	0	0	66.69	-4.52	0	0.07	0	0	0	0	0.71	0.71
	Top of west transformer	TRTOP1	452730.7	4774657	240.5	0	75	75	608.61	125	0	0	66.69	3.31	0	0.25	0	0	0	0	4.81	4.81
	Top of west transformer	TRTOP1	452730.7	4774657	240.5	0	77.5	77.5	608.61	250	0	0	66.69	0.01	0	0.64	0	0	0	0	10.21	10.21
	Top of west transformer	TRTOP1	452730.7	4774657	240.5	0	82.9	82.9	608.61	500	0	0	66.69	-1.36	0	1.17	0	0	0	0	16.44	16.44
	Top of west transformer	TRTOP1	452730.7	4774657	240.5	0	80.1	80.1	608.61	1000	0	0	66.69	-1.36	0	2.23	0	0	0	0	12.59	12.59
	Top of west transformer	TRTOP1	452730.7	4774657	240.5	0	76.3	76.3	608.61	2000	0	0	66.69	-1.36	0	5.88	0	0	0	0	5.14	5.14
	Top of west transformer	TRTOP1	452730.7	4774657	240.5	0	71.1	71.1	608.61	4000	0	0	66.69	-1.36	0	19.94	0	0	0	0	-14.13	-14.13
	Top of west transformer	TRTOP1	452730.7	4774657	240.5	0	62	62	608.61	8000	0	0	66.69	-1.36	0	71.14	0	0	0	0	-74.42	-74.42
	Top of west transformer	TRTOP1	452735.9	4774656	240.5	0	46.8	46.8	612.27	32	0	0	66.74	-4.53	0	0.02	0	0	0	0	-15.47	-15.47
	Top of west transformer	TRTOP1	452735.9	4774656	240.5	0	66	66	612.27	63	0	0	66.74	-4.53	0	0.07	0	0	0	0	3.68	3.68
	Top of west transformer	TRTOP1	452735.9	4774656	240.5	0	78.1	78.1	612.27	125	0	0	66.74	3.31	0	0.25	0	0	0	0	7.76	7.76
	Top of west transformer	TRTOP1	452735.9	4774656	240.5	0	80.6	80.6	612.27	250	0	0	66.74	0.01	0	0.64	0	0	0	0	13.17	13.17
	Top of west transformer	TRTOP1	452735.9	4774656	240.5	0	86	86	612.27	500	0	0	66.74	-1.36	0	1.18	0	0	0	0	19.4	19.4
	Top of west transformer	TRTOP1	452735.9	4774656	240.5	0	83.2	83.2	612.27	1000	0	0	66.74	-1.36	0	2.24	0	0	0	0	15.54	15.54
	Top of west transformer	TRTOP1	452735.9	4774656	240.5	0	79.4	79.4	612.27	2000	0	0	66.74	-1.36	0	5.92	0	0	0	0	8.06	8.06
	Top of west transformer	TRTOP1	452735.9	4774656	240.5	0	74.2	74.2	612.27	4000	0	0	66.74	-1.36	0	20.06	0	0	0	0	-11.29	-11.29
	Top of west transformer	TRTOP1	452735.9	4774656	240.5	0	65.1	65.1	612.27	8000	0	0	66.74	-1.36	0	71.56	0	0	0	0	-71.88	-71.88
	Top of west transformer	TRTOP1	452736.7	4774655	240.5	0	43.7	43.7	612.01	32	0	0	66.74	-4.53	0	0.02	0	0	0	0	-18.48	-18.48
	Top of west transformer	TRTOP1	452736.7	4774655	240.5	0	62.9	62.9	612.01	63	0	0	66.74	-4.53	0	0.07	0	0	0	0	0.67	0.67
	Top of west transformer	TRTOP1	452736.7	4774655	240.5	0	75	75	612.01	125	0	0	66.74	3.31	0	0.25	0	0	0	0	4.76	4.76
	Top of west transformer	TRTOP1	452736.7	4774655	240.5	0	77.5	77.5	612.01	250	0	0	66.74	0.01	0	0.64	0	0	0	0	10.17	10.17
	Top of west transformer	TRTOP1	452736.7	4774655	240.5	0	82.9	82.9	612.01	500	0	0	66.74	-1.36	0	1.18	0	0	0	0	16.39	16.39
	Top of west transformer	TRTOP1	452736.7	4774655	240.5	0	80.1	80.1	612.01	1000	0	0	66.74	-1.36	0	2.24	0	0	0	0	12.53	12.53
	Top of west transformer	TRTOP1	452736.7	4774655	240.5	0	76.3	76.3	612.01	2000	0	0	66.74	-1.36	0	5.91	0	0	0	0	5.06	5.06
	Top of west transformer	TRTOP1	452736.7	4774655	240.5	0	71.1	71.1	612.01	4000	0	0	66.74	-1.36	0	20.06	0	0	0	0	-14.28	-14.28
	Top of west transformer	TRTOP1	452736.7	4774655	240.5	0	62	62	612.01	8000	0	0	66.74	-1.36	0	71.53	0	0	0	0	-74.86	-74.86
	Top of west transformer	TRTOP1	452738.7	4774655	240.5	0	43.7	43.7	613.16	32	0	0	66.75	-4.53	0	0.02	0	0	0	0	-18.49	-18.49
	Top of west transformer	TRTOP1	452738.7	4774655	240.5	0	62.9	62.9	613.16	63	0	0	66.75	-4.53	0	0.07	0	0	0	0	0.65	0.65
	Top of west transformer	TRTOP1	452738.7	4774655	240.5	0	75	75	613.16	125	0	0	66.75	3.31	0	0.25	0	0	0	0	4.74	4.74
	Top of west transformer	TRTOP1	452738.7	4774655	240.5	0	77.5	77.5	613.16	250	0	0	66.75	0.01	0	0.64	0	0	0	0	10.15	10.15
	Top of west transformer	TRTOP1	452738.7	4774655	240.5	0	82.9	82.9	613.16	500	0	0	66.75	-1.36	0	1.18	0	0	0	0	16.37	16.37
	Top of west transformer	TRTOP1	452738.7	4774655	240.5	0	80.1	80.1	613.16	1000	0	0	66.75	-1.36	0	2.24	0	0	0	0	12.51	12.51
	Top of west transformer	TRTOP1	452738.7	4774655	240.5	0	76.3	76.3	613.16	2000	0	0	66.75	-1.36	0	5.93	0	0	0	0	5.03	5.03
	Top of west transformer	TRTOP1	452738.7	4774655	240.5	0	71.1	71.1	613.16	4000	0	0	66.75	-1.36	0	20.09	0	0	0	0	-14.34	-14.34
	Top of west transformer	TRTOP1	452738.7	4774655	240.5	0	62	62	613.16	8000	0	0	66.75	-1.36	0	71.67	0	0	0	0	-75.01	-75.01
	Top of west transformer	TRTOP1	452730.4	4774660	240.5	0	49.8	49.8	610.53	32	0	0	66.71	-4.53	0	0.02	0	0	0	0	-12.44	-12.44
	Top of west transformer	TRTOP1	452730.4	4774660	240.5	0	69	69	610.53	63	0	0	66.71	-4.53	0	0.07	0	0	0	0	6.71	6.71
	Top of west transformer	TRTOP1	452730.4	4774660	240.5	0	81.1	81.1	610.53	125	0	0	66.71	3.31	0	0.25	0	0	0	0	10.8	10.8
	Top of west transformer	TRTOP1	452730.4	4774660	240.5	0	83.6	83.6	610.53	250	0	0	66.71	0.01	0	0.64	0	0	0	0	16.21	16.21
	Top of west transformer	TRTOP1	452730.4	4774660	240.5	0	89	89	610.53	500	0	0	66.71	-1.36	0	1.18	0	0	0	0	22.43	22.43
	Top of west transformer	TRTOP1	452730.4	4774660	240.5	0	86.2	86.2	610.53	1000	0	0	66.71	-1.36	0	2.23	0	0	0	0	18.58	18.58
	Top of west transformer	TRTOP1	452730.4	4774660	240.5	0	82.4	82.4	610.53	2000	0	0	66.71	-1.36	0	5.9	0	0	0	0	11.11	11.11
	Top of west transformer	TRTOP1	452730.4	4774660	240.5	0	77.2	77.2	610.53	4000	0	0	66.71	-1.36	0	20.01	0	0	0	0	-8.19	-8.19
	Top of west transformer	TRTOP1	452730.4	4774660	240.5	0	68.1	68.1	610.53	8000	0	0	66.71	-1.3								

Top of west transformer	TRTOP1	452731.1	4774658	240.5	0	83.2	83.2	609.85	1000	0	0	66.7	-1.36	0	2.23	0	0	0	0	15.58	15.58
Top of west transformer	TRTOP1	452731.1	4774658	240.5	0	79.4	79.4	609.85	2000	0	0	66.7	-1.36	0	5.89	0	0	0	0	8.12	8.12
Top of west transformer	TRTOP1	452731.1	4774658	240.5	0	74.2	74.2	609.85	4000	0	0	66.7	-1.36	0	19.98	0	0	0	0	-11.17	-11.17
Top of west transformer	TRTOP1	452731.1	4774658	240.5	0	65.1	65.1	609.85	8000	0	0	66.7	-1.36	0	71.28	0	0	0	0	-71.57	-71.57
Top of west transformer	TRTOP1	452733.3	4774659	240.5	0	46.8	46.8	611.81	32	0	0	66.73	-4.53	0	0.02	0	0	0	0	-15.46	-15.46
Top of west transformer	TRTOP1	452733.3	4774659	240.5	0	66	66	611.81	63	0	0	66.73	-4.53	0	0.07	0	0	0	0	3.68	3.68
Top of west transformer	TRTOP1	452733.3	4774659	240.5	0	78.1	78.1	611.81	125	0	0	66.73	3.31	0	0.25	0	0	0	0	7.77	7.77
Top of west transformer	TRTOP1	452733.3	4774659	240.5	0	80.6	80.6	611.81	250	0	0	66.73	0.01	0	0.64	0	0	0	0	13.18	13.18
Top of west transformer	TRTOP1	452733.3	4774659	240.5	0	86	86	611.81	500	0	0	66.73	-1.36	0	1.18	0	0	0	0	19.4	19.4
Top of west transformer	TRTOP1	452733.3	4774659	240.5	0	83.2	83.2	611.81	1000	0	0	66.73	-1.36	0	2.24	0	0	0	0	15.55	15.55
Top of west transformer	TRTOP1	452733.3	4774659	240.5	0	79.4	79.4	611.81	2000	0	0	66.73	-1.36	0	5.91	0	0	0	0	8.07	8.07
Top of west transformer	TRTOP1	452733.3	4774659	240.5	0	74.2	74.2	611.81	4000	0	0	66.73	-1.36	0	20.05	0	0	0	0	-11.26	-11.26
Top of west transformer	TRTOP1	452733.3	4774659	240.5	0	65.1	65.1	611.81	8000	0	0	66.73	-1.36	0	71.51	0	0	0	0	-71.82	-71.82
Top of west transformer	TRTOP1	452736.6	4774659	240.5	0	46.8	46.8	614.74	32	0	0	66.77	-4.54	0	0.02	0	0	0	0	-15.5	-15.5
Top of west transformer	TRTOP1	452736.6	4774659	240.5	0	66	66	614.74	63	0	0	66.77	-4.54	0	0.07	0	0	0	0	3.65	3.65
Top of west transformer	TRTOP1	452736.6	4774659	240.5	0	78.1	78.1	614.74	125	0	0	66.77	3.31	0	0.25	0	0	0	0	7.73	7.73
Top of west transformer	TRTOP1	452736.6	4774659	240.5	0	80.6	80.6	614.74	250	0	0	66.77	0.01	0	0.64	0	0	0	0	13.14	13.14
Top of west transformer	TRTOP1	452736.6	4774659	240.5	0	86	86	614.74	500	0	0	66.77	-1.36	0	1.19	0	0	0	0	19.36	19.36
Top of west transformer	TRTOP1	452736.6	4774659	240.5	0	83.2	83.2	614.74	1000	0	0	66.77	-1.36	0	2.25	0	0	0	0	15.5	15.5
Top of west transformer	TRTOP1	452736.6	4774659	240.5	0	79.4	79.4	614.74	2000	0	0	66.77	-1.36	0	5.94	0	0	0	0	8	8
Top of west transformer	TRTOP1	452736.6	4774659	240.5	0	74.2	74.2	614.74	4000	0	0	66.77	-1.36	0	20.15	0	0	0	0	-11.4	-11.4
Top of west transformer	TRTOP1	452736.6	4774659	240.5	0	65.1	65.1	614.74	8000	0	0	66.77	-1.36	0	71.85	0	0	0	0	-72.21	-72.21
Top of west transformer	TRTOP1	452738.8	4774660	240.5	0	46.8	46.8	616.7	32	0	0	66.8	-4.54	0	0.02	0	0	0	0	-15.52	-15.52
Top of west transformer	TRTOP1	452738.8	4774660	240.5	0	66	66	616.7	63	0	0	66.8	-4.54	0	0.08	0	0	0	0	3.62	3.62
Top of west transformer	TRTOP1	452738.8	4774660	240.5	0	78.1	78.1	616.7	125	0	0	66.8	3.31	0	0.25	0	0	0	0	7.7	7.7
Top of west transformer	TRTOP1	452738.8	4774660	240.5	0	80.6	80.6	616.7	250	0	0	66.8	0.01	0	0.64	0	0	0	0	13.11	13.11
Top of west transformer	TRTOP1	452738.8	4774660	240.5	0	86	86	616.7	500	0	0	66.8	-1.36	0	1.19	0	0	0	0	19.33	19.33
Top of west transformer	TRTOP1	452738.8	4774660	240.5	0	83.2	83.2	616.7	1000	0	0	66.8	-1.36	0	2.26	0	0	0	0	15.46	15.46
Top of west transformer	TRTOP1	452738.8	4774660	240.5	0	79.4	79.4	616.7	2000	0	0	66.8	-1.36	0	5.96	0	0	0	0	7.96	7.96
Top of west transformer	TRTOP1	452738.8	4774660	240.5	0	74.2	74.2	616.7	4000	0	0	66.8	-1.36	0	20.21	0	0	0	0	-11.49	-11.49
Top of west transformer	TRTOP1	452738.8	4774660	240.5	0	65.1	65.1	616.7	8000	0	0	66.8	-1.36	0	72.08	0	0	0	0	-72.46	-72.46
Top of west transformer	TRTOP1	452734.6	4774660	240.5	0	46.8	46.8	613.61	32	0	0	66.76	-4.53	0	0.02	0	0	0	0	-15.49	-15.49
Top of west transformer	TRTOP1	452734.6	4774660	240.5	0	66	66	613.61	63	0	0	66.76	-4.53	0	0.07	0	0	0	0	3.66	3.66
Top of west transformer	TRTOP1	452734.6	4774660	240.5	0	78.1	78.1	613.61	125	0	0	66.76	3.31	0	0.25	0	0	0	0	7.74	7.74
Top of west transformer	TRTOP1	452734.6	4774660	240.5	0	80.6	80.6	613.61	250	0	0	66.76	0.01	0	0.64	0	0	0	0	13.15	13.15
Top of west transformer	TRTOP1	452734.6	4774660	240.5	0	86	86	613.61	500	0	0	66.76	-1.36	0	1.18	0	0	0	0	19.38	19.38
Top of west transformer	TRTOP1	452734.6	4774660	240.5	0	83.2	83.2	613.61	1000	0	0	66.76	-1.36	0	2.24	0	0	0	0	15.52	15.52
Top of west transformer	TRTOP1	452734.6	4774660	240.5	0	79.4	79.4	613.61	2000	0	0	66.76	-1.36	0	5.93	0	0	0	0	8.03	8.03
Top of west transformer	TRTOP1	452734.6	4774660	240.5	0	74.2	74.2	613.61	4000	0	0	66.76	-1.36	0	20.11	0	0	0	0	-11.35	-11.35
Top of west transformer	TRTOP1	452734.6	4774660	240.5	0	65.1	65.1	613.61	8000	0	0	66.76	-1.36	0	71.72	0	0	0	0	-72.06	-72.06
Top of west transformer	TRTOP1	452733.9	4774661	240.5	0	43.7	43.7	613.87	32	0	0	66.76	-4.53	0	0.02	0	0	0	0	-18.5	-18.5
Top of west transformer	TRTOP1	452733.9	4774661	240.5	0	62.9	62.9	613.87	63	0	0	66.76	-4.53	0	0.07	0	0	0	0	0.65	0.65
Top of west transformer	TRTOP1	452733.9	4774661	240.5	0	75	75	613.87	125	0	0	66.76	3.31	0	0.25	0	0	0	0	4.73	4.73
Top of west transformer	TRTOP1	452733.9	4774661	240.5	0	77.5	77.5	613.87	250	0	0	66.76	0.01	0	0.64	0	0	0	0	10.14	10.14
Top of west transformer	TRTOP1	452733.9	4774661	240.5	0	82.9	82.9	613.87	500	0	0	66.76	-1.36	0	1.18	0	0	0	0	16.36	16.36
Top of west transformer	TRTOP1	452733.9	4774661	240.5	0	80.1	80.1	613.87	1000	0	0	66.76	-1.36	0	2.25	0	0	0	0	12.5	12.5
Top of west transformer	TRTOP1	452733.9	4774661	240.5	0	76.3	76.3	613.87	2000	0	0	66.76	-1.36	0	5.93	0	0	0	0	5.01	5.01
Top of west transformer	TRTOP1	452733.9	4774661	240.5	0	71.1	71.1	613.87	4000	0	0	66.76	-1.36	0	20.12	0	0	0	0	-14.37	-14.37
Top of west transformer	TRTOP1	452733.9	4774661	240.5	0	62	62	613.87	8000	0	0	66.76	-1.36	0	71.75	0	0	0	0	-75.1	-75.1
Top of west transformer	TRTOP1	452731.9	4774661	240.5	0	43.7	43.7	612.75	32	0	0	66.75	-4.53	0	0.02	0	0	0	0	-18.49	-18.49
Top of west transformer	TRTOP1	452731.9	4774661	240.5	0	62.9	62.9	612.75	63	0	0	66.75	-4.53	0	0.07	0	0	0	0	0.66	0.66
Top of west transformer	TRTOP1	452731.9	4774661	240.5	0	75	75	612.75	125	0	0	66.75	3.31	0	0.25	0	0	0	0	4.74	4.74
Top of west transformer	TRTOP1	452731.9	4774661	240.5	0	77.5	77.5	612.75	250	0	0	66.75	0.01	0	0.64	0	0	0	0	10.15	10.15
Top of west transformer	TRTOP1	452731.9	4774661	240.5	0	82.9	82.9	612.75	500	0	0	66.75	-1.36	0	1.18	0	0	0	0	16.38	16.38
Top of west transformer	TRTOP1	452731.9	4774661	240.5	0	80.1	80.1	612.75	1000	0	0	66.75	-1.36	0	2.24	0	0	0	0	12.52	12.52
Top of west transformer	TRTOP1	452731.9	4774661	240.5	0	76.3	76.3	612.75	2000	0	0	66.75	-1.36	0	5.92	0	0	0	0	5.04	5.04
Top of west transformer	TRTOP1	452731.9	4774661	240.5	0	71.1	71.1	612.75	4000	0	0	66.75	-1.36	0	20.08	0	0	0	0	-14.32	-14.32
Top of west transformer	TRTOP1	452731.9	4774661	240.5	0	62	62	612.75	8000	0	0	66.75	-1.36	0	71.62	0	0	0	0	-74.96	-74.96
Top of west transformer	TRTOP1	452739	4774656	240.5	0	46.8	46.8	614.39	32	0	0	66.77	-4.54	0	0.02	0	0	0	0	-15.49	-15.49
Top of west transformer	TRTOP1	452739	4774656	240.5	0	66	66	614.39	63	0	0	66.77	-4.54	0	0.07	0	0	0	0	3.65	3.65
Top of west transformer	TRTOP1	452739	4774656	240.5	0	78.1	78.1	614.39	125	0	0	66.77	3.31	0	0.25	0	0	0	0	7.73	7.73
Top of west transformer	TRTOP1	452739	4774656	240.5	0	80.6	80.6	614.39	250	0	0	66.77	0.01	0	0.64	0	0	0	0	13.14	13.14
Top of west transformer	TRTOP1	452739	4774656	240.5	0	86	86	614.39	500	0	0	66.77	-1.36	0	1.18	0	0	0	0	19.37	19.37
Top of west transformer	TRTOP1	452739	4774656	240.5	0	83.2	83.2	614.39	1000	0	0	66.77	-1.36	0	2.25	0	0	0	0	15.5	15.5
Top of west transformer	TRTOP1	452739	4774656	240.5	0	79.4	79.4	614.39	2000	0	0	66.77	-1.36	0	5.94	0	0	0	0	8.01	8.01
Top of west transformer	TRTOP1	452739	4774656	240.5	0	74.2	74.2	614.39	4000	0	0	66.77	-1.36								

Top of west transformer	TRTOP1	452740.4	4774657	240.5	0	49.8	49.8	616.19	32	0	0	66.79	-4.54	0	0.02	0	0	0	0	-12.51	-12.51
Top of west transformer	TRTOP1	452740.4	4774657	240.5	0	69	69	616.19	63	0	0	66.79	-4.54	0	0.07	0	0	0	0	6.64	6.64
Top of west transformer	TRTOP1	452740.4	4774657	240.5	0	81.1	81.1	616.19	125	0	0	66.79	3.31	0	0.25	0	0	0	0	10.71	10.71
Top of west transformer	TRTOP1	452740.4	4774657	240.5	0	83.6	83.6	616.19	250	0	0	66.79	0.01	0	0.64	0	0	0	0	16.13	16.13
Top of west transformer	TRTOP1	452740.4	4774657	240.5	0	89	89	616.19	500	0	0	66.79	-1.36	0	1.19	0	0	0	0	22.35	22.35
Top of west transformer	TRTOP1	452740.4	4774657	240.5	0	86.2	86.2	616.19	1000	0	0	66.79	-1.36	0	2.25	0	0	0	0	18.48	18.48
Top of west transformer	TRTOP1	452740.4	4774657	240.5	0	82.4	82.4	616.19	2000	0	0	66.79	-1.36	0	5.95	0	0	0	0	10.98	10.98
Top of west transformer	TRTOP1	452740.4	4774657	240.5	0	77.2	77.2	616.19	4000	0	0	66.79	-1.36	0	20.19	0	0	0	0	-8.46	-8.46
Top of west transformer	TRTOP1	452740.4	4774657	240.5	0	68.1	68.1	616.19	8000	0	0	66.79	-1.36	0	72.02	0	0	0	0	-69.39	-69.39
Top of west transformer	TRTOP2	452776.4	4774648	238.63	0	48.4	48.4	636.97	32	0	0	67.08	-4.59	4.77	0.02	0	0	0	0	-18.84	-18.84
Top of west transformer	TRTOP2	452776.4	4774648	238.63	0	67.6	67.6	636.97	63	0	0	67.08	-4.59	4.77	0.08	0	0	0	0	0.3	0.3
Top of west transformer	TRTOP2	452776.4	4774648	238.63	0	79.7	79.7	636.97	125	0	0	67.08	3.32	1.46	0.26	0	0	0	0	7.63	7.63
Top of west transformer	TRTOP2	452776.4	4774648	238.63	0	82.2	82.2	636.97	250	0	0	67.08	-0.01	4.78	0.66	0	0	0	0	9.73	9.73
Top of west transformer	TRTOP2	452776.4	4774648	238.63	0	87.6	87.6	636.97	500	0	0	67.08	-1.38	4.78	1.23	0	0	0	0	15.93	15.93
Top of west transformer	TRTOP2	452776.4	4774648	238.63	0	84.8	84.8	636.97	1000	0	0	67.08	-1.38	4.79	2.33	0	0	0	0	12.01	12.01
Top of west transformer	TRTOP2	452776.4	4774648	238.63	0	81	81	636.97	2000	0	0	67.08	-1.38	4.82	6.16	0	0	0	0	4.37	4.37
Top of west transformer	TRTOP2	452776.4	4774648	238.63	0	75.8	75.8	636.97	4000	0	0	67.08	-1.38	4.86	20.87	0	0	0	0	-15.6	-15.6
Top of west transformer	TRTOP2	452776.4	4774648	238.63	0	66.7	66.7	636.97	8000	0	0	67.08	-1.38	4.94	74.45	0	0	0	0	-78.36	-78.36
Top of west transformer	TRTOP2	452779	4774646	238.47	0	48.4	48.4	637.62	32	0	0	67.09	-4.59	4.77	0.02	0	0	0	0	-18.85	-18.85
Top of west transformer	TRTOP2	452779	4774646	238.47	0	67.6	67.6	637.62	63	0	0	67.09	-4.59	4.77	0.08	0	0	0	0	0.29	0.29
Top of west transformer	TRTOP2	452779	4774646	238.47	0	79.7	79.7	637.62	125	0	0	67.09	3.32	1.46	0.26	0	0	0	0	7.62	7.62
Top of west transformer	TRTOP2	452779	4774646	238.47	0	82.2	82.2	637.62	250	0	0	67.09	-0.01	4.78	0.67	0	0	0	0	9.72	9.72
Top of west transformer	TRTOP2	452779	4774646	238.47	0	87.6	87.6	637.62	500	0	0	67.09	-1.38	4.78	1.23	0	0	0	0	15.92	15.92
Top of west transformer	TRTOP2	452779	4774646	238.47	0	84.8	84.8	637.62	1000	0	0	67.09	-1.38	4.79	2.33	0	0	0	0	12.01	12.01
Top of west transformer	TRTOP2	452779	4774646	238.47	0	81	81	637.62	2000	0	0	67.09	-1.38	4.81	6.16	0	0	0	0	4.36	4.36
Top of west transformer	TRTOP2	452779	4774646	238.47	0	75.8	75.8	637.62	4000	0	0	67.09	-1.38	4.84	20.89	0	0	0	0	-15.61	-15.61
Top of west transformer	TRTOP2	452779	4774646	238.47	0	66.7	66.7	637.62	8000	0	0	67.09	-1.38	4.91	74.53	0	0	0	0	-78.41	-78.41
Top of west transformer	TRTOP2	452773.7	4774648	238.85	0	51.5	51.5	634.83	32	0	0	67.05	-4.58	2.5	0.02	0	0	0	0	-13.53	-13.53
Top of west transformer	TRTOP2	452773.7	4774648	238.85	0	70.7	70.7	634.83	63	0	0	67.05	-4.58	2.94	0.08	0	0	0	0	5.17	5.17
Top of west transformer	TRTOP2	452773.7	4774648	238.85	0	82.8	82.8	634.83	125	0	0	67.05	3.31	0.79	0.26	0	0	0	0	11.34	11.34
Top of west transformer	TRTOP2	452773.7	4774648	238.85	0	85.3	85.3	634.83	250	0	0	67.05	-0.01	3.92	0.66	0	0	0	0	13.63	13.63
Top of west transformer	TRTOP2	452773.7	4774648	238.85	0	90.7	90.7	634.83	500	0	0	67.05	-1.37	4.28	1.22	0	0	0	0	19.47	19.47
Top of west transformer	TRTOP2	452773.7	4774648	238.85	0	87.9	87.9	634.83	1000	0	0	67.05	-1.37	4.52	2.32	0	0	0	0	15.34	15.34
Top of west transformer	TRTOP2	452773.7	4774648	238.85	0	84.1	84.1	634.83	2000	0	0	67.05	-1.37	4.67	6.13	0	0	0	0	7.57	7.57
Top of west transformer	TRTOP2	452773.7	4774648	238.85	0	78.9	78.9	634.83	4000	0	0	67.05	-1.37	4.78	20.8	0	0	0	0	-12.41	-12.41
Top of west transformer	TRTOP2	452773.7	4774648	238.85	0	69.8	69.8	634.83	8000	0	0	67.05	-1.37	4.9	74.2	0	0	0	0	-75.02	-75.02
Top of west transformer	TRTOP2	452772.2	4774650	238.91	0	49.8	49.8	635.15	32	0	0	67.06	-4.58	1.9	0.02	0	0	0	0	-14.61	-14.61
Top of west transformer	TRTOP2	452772.2	4774650	238.91	0	69	69	635.15	63	0	0	67.06	-4.58	2.02	0.08	0	0	0	0	4.41	4.41
Top of west transformer	TRTOP2	452772.2	4774650	238.91	0	81.1	81.1	635.15	125	0	0	67.06	3.31	0.09	0.26	0	0	0	0	10.36	10.36
Top of west transformer	TRTOP2	452772.2	4774650	238.91	0	83.6	83.6	635.15	250	0	0	67.06	-0.01	2.58	0.66	0	0	0	0	13.29	13.29
Top of west transformer	TRTOP2	452772.2	4774650	238.91	0	89	89	635.15	500	0	0	67.06	-1.37	3.04	1.22	0	0	0	0	19.03	19.03
Top of west transformer	TRTOP2	452772.2	4774650	238.91	0	86.2	86.2	635.15	1000	0	0	67.06	-1.37	3.57	2.32	0	0	0	0	14.61	14.61
Top of west transformer	TRTOP2	452772.2	4774650	238.91	0	82.4	82.4	635.15	2000	0	0	67.06	-1.37	4.04	6.14	0	0	0	0	6.52	6.52
Top of west transformer	TRTOP2	452772.2	4774650	238.91	0	77.2	77.2	635.15	4000	0	0	67.06	-1.37	4.42	20.81	0	0	0	0	-13.74	-13.74
Top of west transformer	TRTOP2	452772.2	4774650	238.91	0	68.1	68.1	635.15	8000	0	0	67.06	-1.37	4.72	74.24	0	0	0	0	-76.56	-76.56
Top of west transformer	TRTOP2	452771.8	4774652	238.89	0	36.7	36.7	636.28	32	0	0	67.07	-4.59	0	0.02	0	0	0	0	-25.81	-25.81
Top of west transformer	TRTOP2	452771.8	4774652	238.89	0	55.9	55.9	636.28	63	0	0	67.07	-4.59	0	0.08	0	0	0	0	-6.66	-6.66
Top of west transformer	TRTOP2	452771.8	4774652	238.89	0	68	68	636.28	125	0	0	67.07	3.32	0	0.26	0	0	0	0	-2.65	-2.65
Top of west transformer	TRTOP2	452771.8	4774652	238.89	0	70.5	70.5	636.28	250	0	0	67.07	-0.01	0	0.66	0	0	0	0	2.77	2.77
Top of west transformer	TRTOP2	452771.8	4774652	238.89	0	75.9	75.9	636.28	500	0	0	67.07	-1.37	0	1.23	0	0	0	0	8.98	8.98
Top of west transformer	TRTOP2	452771.8	4774652	238.89	0	73.1	73.1	636.28	1000	0	0	67.07	-1.38	0	2.33	0	0	0	0	5.08	5.08
Top of west transformer	TRTOP2	452771.8	4774652	238.89	0	69.3	69.3	636.28	2000	0	0	67.07	-1.38	0	6.15	0	0	0	0	-2.54	-2.54
Top of west transformer	TRTOP2	452771.8	4774652	238.89	0	64.1	64.1	636.28	4000	0	0	67.07	-1.38	0	20.85	0	0	0	0	-22.45	-22.45
Top of west transformer	TRTOP2	452771.8	4774652	238.89	0	55	55	636.28	8000	0	0	67.07	-1.38	0	74.37	0	0	0	0	-85.06	-85.06
Top of west transformer	TRTOP2	452772.2	4774653	238.85	0	32.2	32.2	636.82	32	0	0	67.08	-4.59	0	0.02	0	0	0	0	-30.32	-30.32
Top of west transformer	TRTOP2	452772.2	4774653	238.85	0	51.4	51.4	636.82	63	0	0	67.08	-4.59	0	0.08	0	0	0	0	-11.18	-11.18
Top of west transformer	TRTOP2	452772.2	4774653	238.85	0	63.5	63.5	636.82	125	0	0	67.08	3.32	0	0.26	0	0	0	0	-7.17	-7.17
Top of west transformer	TRTOP2	452772.2	4774653	238.85	0	66	66	636.82	250	0	0	67.08	-0.01	0	0.66	0	0	0	0	-1.75	-1.75
Top of west transformer	TRTOP2	452772.2	4774653	238.85	0	71.4	71.4	636.82	500	0	0	67.08	-1.38	0	1.23	0	0	0	0	4.46	4.46
Top of west transformer	TRTOP2	452772.2	4774653	238.85	0	68.6	68.6	636.82	1000	0	0	67.08	-1.38	0	2.33	0	0	0	0	0.56	0.56
Top of west transformer	TRTOP2	452772.2	4774653	238.85	0	64.8	64.8	636.82	2000	0	0	67.08	-1.38	0	6.15	0	0	0	0	-7.07	-7.07
Top of west transformer	TRTOP2	452772.2	4774653	238.85	0	59.6	59.6	636.82	4000	0	0	67.08	-1.38	0	20.87	0	0	0	0	-26.98	-26.98
Top of west transformer	TRTOP2	452772.2	4774653	238.85	0	50.5	50.5	636.82	8000	0	0	67.08	-1.38	0	74.43	0	0	0	0	-89.65	-89.65
Top of west transformer	TRTOP2	452777.9	4774649	238.47	0	48.1	48.1	638.92	32	0	0	67.11	-4.59	2.71	0.02	0	0	0	0	-17.17	-17.17
Top of west transformer	TRTOP2	452777.9	4774649	238.47	0	67.3	67.3	638.92	63	0	0										



Top of west transformer	TRTOP2	452775.6	4774651	238.61	0	87.3	87.3	638.48	500	0	0	67.1	-1.38	3.74	1.23	0	0	0	0	16.57	16.57
Top of west transformer	TRTOP2	452775.6	4774651	238.61	0	84.5	84.5	638.48	1000	0	0	67.1	-1.38	4.16	2.34	0	0	0	0	12.25	12.25
Top of west transformer	TRTOP2	452775.6	4774651	238.61	0	80.7	80.7	638.48	2000	0	0	67.1	-1.38	4.47	6.17	0	0	0	0	4.3	4.3
Top of west transformer	TRTOP2	452775.6	4774651	238.61	0	75.5	75.5	638.48	4000	0	0	67.1	-1.38	4.7	20.92	0	0	0	0	-15.87	-15.87
Top of west transformer	TRTOP2	452775.6	4774651	238.61	0	66.4	66.4	638.48	8000	0	0	67.1	-1.38	4.9	74.63	0	0	0	0	-78.88	-78.88
Top of west transformer	TRTOP2	452780.4	4774649	238.26	0	51.1	51.1	640.96	32	0	0	67.14	-4.6	4.77	0.02	0	0	0	0	-16.25	-16.25
Top of west transformer	TRTOP2	452780.4	4774649	238.26	0	70.3	70.3	640.96	63	0	0	67.14	-4.6	4.77	0.08	0	0	0	0	2.89	2.89
Top of west transformer	TRTOP2	452780.4	4774649	238.26	0	82.4	82.4	640.96	125	0	0	67.14	3.32	1.46	0.26	0	0	0	0	10.21	10.21
Top of west transformer	TRTOP2	452780.4	4774649	238.26	0	84.9	84.9	640.96	250	0	0	67.14	-0.01	4.78	0.67	0	0	0	0	12.31	12.31
Top of west transformer	TRTOP2	452780.4	4774649	238.26	0	90.3	90.3	640.96	500	0	0	67.14	-1.38	4.78	1.24	0	0	0	0	18.5	18.5
Top of west transformer	TRTOP2	452780.4	4774649	238.26	0	87.5	87.5	640.96	1000	0	0	67.14	-1.38	4.8	2.34	0	0	0	0	14.58	14.58
Top of west transformer	TRTOP2	452780.4	4774649	238.26	0	83.7	83.7	640.96	2000	0	0	67.14	-1.38	4.83	6.19	0	0	0	0	6.91	6.91
Top of west transformer	TRTOP2	452780.4	4774649	238.26	0	78.5	78.5	640.96	4000	0	0	67.14	-1.38	4.88	21	0	0	0	0	-13.16	-13.16
Top of west transformer	TRTOP2	452780.4	4774649	238.26	0	69.4	69.4	640.96	8000	0	0	67.14	-1.38	4.98	74.92	0	0	0	0	-76.27	-76.27
Top of west transformer	TRTOP2	452774.9	4774651	238.68	0	36.9	36.9	637.5	32	0	0	67.09	-4.59	2.1	0.02	0	0	0	0	-27.7	-27.7
Top of west transformer	TRTOP2	452774.9	4774651	238.68	0	56.1	56.1	637.5	63	0	0	67.09	-4.59	2.37	0.08	0	0	0	0	-8.83	-8.83
Top of west transformer	TRTOP2	452774.9	4774651	238.68	0	68.2	68.2	637.5	125	0	0	67.09	3.32	0.41	0.26	0	0	0	0	-2.85	-2.85
Top of west transformer	TRTOP2	452774.9	4774651	238.68	0	70.7	70.7	637.5	250	0	0	67.09	-0.01	3.27	0.67	0	0	0	0	-0.29	-0.29
Top of west transformer	TRTOP2	452774.9	4774651	238.68	0	76.1	76.1	637.5	500	0	0	67.09	-1.38	3.78	1.23	0	0	0	0	5.41	5.41
Top of west transformer	TRTOP2	452774.9	4774651	238.68	0	73.3	73.3	637.5	1000	0	0	67.09	-1.38	4.19	2.33	0	0	0	0	1.09	1.09
Top of west transformer	TRTOP2	452774.9	4774651	238.68	0	69.5	69.5	637.5	2000	0	0	67.09	-1.38	4.48	6.16	0	0	0	0	-6.83	-6.83
Top of west transformer	TRTOP2	452774.9	4774651	238.68	0	64.3	64.3	637.5	4000	0	0	67.09	-1.38	4.7	20.89	0	0	0	0	-26.98	-26.98
Top of west transformer	TRTOP2	452774.9	4774651	238.68	0	55.2	55.2	637.5	8000	0	0	67.09	-1.38	4.9	74.51	0	0	0	0	-89.89	-89.89
Top of west transformer	TRTOP2	452777.1	4774649	238.55	0	36.9	36.9	637.94	32	0	0	67.1	-4.59	2.74	0.02	0	0	0	0	-28.34	-28.34
Top of west transformer	TRTOP2	452777.1	4774649	238.55	0	56.1	56.1	637.94	63	0	0	67.1	-4.59	3.23	0.08	0	0	0	0	-9.69	-9.69
Top of west transformer	TRTOP2	452777.1	4774649	238.55	0	68.2	68.2	637.94	125	0	0	67.1	3.32	0.94	0.26	0	0	0	0	-3.39	-3.39
Top of west transformer	TRTOP2	452777.1	4774649	238.55	0	70.7	70.7	637.94	250	0	0	67.1	-0.01	4.14	0.67	0	0	0	0	-1.17	-1.17
Top of west transformer	TRTOP2	452777.1	4774649	238.55	0	76.1	76.1	637.94	500	0	0	67.1	-1.38	4.43	1.23	0	0	0	0	4.75	4.75
Top of west transformer	TRTOP2	452777.1	4774649	238.55	0	73.3	73.3	637.94	1000	0	0	67.1	-1.38	4.61	2.33	0	0	0	0	0.67	0.67
Top of west transformer	TRTOP2	452777.1	4774649	238.55	0	69.5	69.5	637.94	2000	0	0	67.1	-1.38	4.72	6.17	0	0	0	0	-7.08	-7.08
Top of west transformer	TRTOP2	452777.1	4774649	238.55	0	64.3	64.3	637.94	4000	0	0	67.1	-1.38	4.82	20.91	0	0	0	0	-27.11	-27.11
Top of west transformer	TRTOP2	452777.1	4774649	238.55	0	55.2	55.2	637.94	8000	0	0	67.1	-1.38	4.93	74.56	0	0	0	0	-89.99	-89.99
Top of west transformer	TRTOP2	452773.6	4774652	238.76	0	39.9	39.9	637.15	32	0	0	67.08	-4.59	1.86	0.02	0	0	0	0	-24.44	-24.44
Top of west transformer	TRTOP2	452773.6	4774652	238.76	0	59.1	59.1	637.15	63	0	0	67.08	-4.59	1.95	0.08	0	0	0	0	-5.39	-5.39
Top of west transformer	TRTOP2	452773.6	4774652	238.76	0	71.2	71.2	637.15	125	0	0	67.08	3.32	0.02	0.26	0	0	0	0	0.56	0.56
Top of west transformer	TRTOP2	452773.6	4774652	238.76	0	73.7	73.7	637.15	250	0	0	67.08	-0.01	2.39	0.66	0	0	0	0	3.61	3.61
Top of west transformer	TRTOP2	452773.6	4774652	238.76	0	79.1	79.1	637.15	500	0	0	67.08	-1.38	2.8	1.23	0	0	0	0	9.4	9.4
Top of west transformer	TRTOP2	452773.6	4774652	238.76	0	76.3	76.3	637.15	1000	0	0	67.08	-1.38	3.31	2.33	0	0	0	0	4.99	4.99
Top of west transformer	TRTOP2	452773.6	4774652	238.76	0	72.5	72.5	637.15	2000	0	0	67.08	-1.38	3.83	6.16	0	0	0	0	-3.16	-3.16
Top of west transformer	TRTOP2	452773.6	4774652	238.76	0	67.3	67.3	637.15	4000	0	0	67.08	-1.38	4.28	20.88	0	0	0	0	-23.53	-23.53
Top of west transformer	TRTOP2	452773.6	4774652	238.76	0	58.2	58.2	637.15	8000	0	0	67.08	-1.38	4.66	74.47	0	0	0	0	-86.6	-86.6
Top of west transformer	TRTOP2	452781.8	4774647	238.21	0	50.1	50.1	640.52	32	0	0	67.13	-4.59	4.77	0.02	0	0	0	0	-17.27	-17.27
Top of west transformer	TRTOP2	452781.8	4774647	238.21	0	69.3	69.3	640.52	63	0	0	67.13	-4.59	4.77	0.08	0	0	0	0	1.87	1.87
Top of west transformer	TRTOP2	452781.8	4774647	238.21	0	81.4	81.4	640.52	125	0	0	67.13	3.32	1.46	0.26	0	0	0	0	9.19	9.19
Top of west transformer	TRTOP2	452781.8	4774647	238.21	0	83.9	83.9	640.52	250	0	0	67.13	-0.01	4.78	0.67	0	0	0	0	11.29	11.29
Top of west transformer	TRTOP2	452781.8	4774647	238.21	0	89.3	89.3	640.52	500	0	0	67.13	-1.38	4.78	1.23	0	0	0	0	17.49	17.49
Top of west transformer	TRTOP2	452781.8	4774647	238.21	0	86.5	86.5	640.52	1000	0	0	67.13	-1.38	4.79	2.34	0	0	0	0	13.57	13.57
Top of west transformer	TRTOP2	452781.8	4774647	238.21	0	82.7	82.7	640.52	2000	0	0	67.13	-1.38	4.81	6.19	0	0	0	0	5.9	5.9
Top of west transformer	TRTOP2	452781.8	4774647	238.21	0	77.5	77.5	640.52	4000	0	0	67.13	-1.38	4.86	20.99	0	0	0	0	-14.14	-14.14
Top of west transformer	TRTOP2	452781.8	4774647	238.21	0	68.4	68.4	640.52	8000	0	0	67.13	-1.38	4.94	74.87	0	0	0	0	-77.2	-77.2
Transformer Side 2b	TRSide2b	452730.1	4774656	238	0	43	43	607.92	32	0	0	66.68	-4.89	2.76	0.02	0	0	0	0	-21.52	-21.52
Transformer Side 2b	TRSide2b	452730.1	4774656	238	0	62.2	62.2	607.92	63	0	0	66.68	-4.89	3.59	0.07	0	0	0	0	-3.2	-3.2
Transformer Side 2b	TRSide2b	452730.1	4774656	238	0	74.3	74.3	607.92	125	0	0	66.68	3.43	2.01	0.25	0	0	0	0	1.98	1.98
Transformer Side 2b	TRSide2b	452730.1	4774656	238	0	76.8	76.8	607.92	250	0	0	66.68	2.18	4.34	0.63	0	0	0	0	3.01	3.01
Transformer Side 2b	TRSide2b	452730.1	4774656	238	0	82.2	82.2	607.92	500	0	0	66.68	-1.31	7.91	1.17	0	0	0	0	7.8	7.8
Transformer Side 2b	TRSide2b	452730.1	4774656	238	0	79.4	79.4	607.92	1000	0	0	66.68	-1.47	10.12	2.22	0	0	0	0	1.9	1.9
Transformer Side 2b	TRSide2b	452730.1	4774656	238	0	75.6	75.6	607.92	2000	0	0	66.68	-1.47	12.64	5.87	0	0	0	0	-8.08	-8.08
Transformer Side 2b	TRSide2b	452730.1	4774656	238	0	70.4	70.4	607.92	4000	0	0	66.68	-1.47	15.38	19.92	0	0	0	0	-30.07	-30.07
Transformer Side 2b	TRSide2b	452730.1	4774656	238	0	61.3	61.3	607.92	8000	0	0	66.68	-1.47	18.25	71.05	0	0	0	0	-93.17	-93.17
Transformer Side 2b	TRSide2b	452733.1	4774656	238	0	43	43	609.62	32	0	0	66.7	-4.89	3.22	0.02	0	0	0	0	-22	-22
Transformer Side 2b	TRSide2b	452733.1	4774656	238	0	62.2	62.2	609.62	63	0	0	66.7	-4.89	4.12	0.07	0	0	0	0	-3.76	-3.76
Transformer Side 2b	TRSide2b	452733.1	4774656	238	0	74.3	74.3	609.62	125	0	0	66.7	3.43	2.28	0.25	0	0	0	0	1.68	1.68
Transformer Side 2b	TRSide2b	452733.1	4774656	238	0	76.8	76.8	609.62	250	0	0	66.7	2.18	4.64	0.64	0	0	0	0	2.68	2.68
Transformer Side 2b	TRSide2b	452733.1	4774656	238	0	82.2	82.2	609.62	500	0	0	66.7	-1.31	8.3	1.18	0	0	0	0	7.38	7.38
Transformer Side 2b	TRSide2b	452733.1	4774656	238	0</																

Transformer Side 2b	TRSide2b	452736.1	4774655	238	0	61.3	61.3	611.33	8000	0	0	66.73	-1.47	18.64	71.45	0	0	0	0	-94.01	-94.01
Transformer Side 2b	TRSide2b	452739.1	4774654	238	0	43	43	613.05	32	0	0	66.75	-4.9	3.61	0.02	0	0	0	0	-22.43	-22.43
Transformer Side 2b	TRSide2b	452739.1	4774654	238	0	62.2	62.2	613.05	63	0	0	66.75	-4.9	4.52	0.07	0	0	0	0	-4.2	-4.2
Transformer Side 2b	TRSide2b	452739.1	4774654	238	0	74.3	74.3	613.05	125	0	0	66.75	3.44	2.44	0.25	0	0	0	0	1.47	1.47
Transformer Side 2b	TRSide2b	452739.1	4774654	238	0	76.8	76.8	613.05	250	0	0	66.75	2.18	4.8	0.64	0	0	0	0	2.47	2.47
Transformer Side 2b	TRSide2b	452739.1	4774654	238	0	82.2	82.2	613.05	500	0	0	66.75	-1.31	8.5	1.18	0	0	0	0	7.13	7.13
Transformer Side 2b	TRSide2b	452739.1	4774654	238	0	79.4	79.4	613.05	1000	0	0	66.75	-1.47	10.63	2.24	0	0	0	0	1.3	1.3
Transformer Side 2b	TRSide2b	452739.1	4774654	238	0	75.6	75.6	613.05	2000	0	0	66.75	-1.47	13.1	5.92	0	0	0	0	-8.66	-8.66
Transformer Side 2b	TRSide2b	452739.1	4774654	238	0	70.4	70.4	613.05	4000	0	0	66.75	-1.47	15.82	20.09	0	0	0	0	-30.74	-30.74
Transformer Side 2b	TRSide2b	452739.1	4774654	238	0	61.3	61.3	613.05	8000	0	0	66.75	-1.47	18.67	71.65	0	0	0	0	-94.26	-94.26
Transformer Side 2b	TRSide2b	452730.1	4774656	237	0	43	43	607.93	32	0	0	66.68	-5.04	3.06	0.02	0	0	0	0	-21.67	-21.67
Transformer Side 2b	TRSide2b	452730.1	4774656	237	0	62.2	62.2	607.93	63	0	0	66.68	-5.04	4.16	0.07	0	0	0	0	-3.63	-3.63
Transformer Side 2b	TRSide2b	452730.1	4774656	237	0	74.3	74.3	607.93	125	0	0	66.68	3.45	3.21	0.25	0	0	0	0	0.76	0.76
Transformer Side 2b	TRSide2b	452730.1	4774656	237	0	76.8	76.8	607.93	250	0	0	66.68	3.66	4.9	0.63	0	0	0	0	0.97	0.97
Transformer Side 2b	TRSide2b	452730.1	4774656	237	0	82.2	82.2	607.93	500	0	0	66.68	0.05	9.93	1.17	0	0	0	0	4.42	4.42
Transformer Side 2b	TRSide2b	452730.1	4774656	237	0	79.4	79.4	607.93	1000	0	0	66.68	-1.42	12.59	2.22	0	0	0	0	-0.63	-0.63
Transformer Side 2b	TRSide2b	452730.1	4774656	237	0	75.6	75.6	607.93	2000	0	0	66.68	-1.51	15.39	5.87	0	0	0	0	-10.78	-10.78
Transformer Side 2b	TRSide2b	452730.1	4774656	237	0	70.4	70.4	607.93	4000	0	0	66.68	-1.51	18.29	19.92	0	0	0	0	-32.93	-32.93
Transformer Side 2b	TRSide2b	452730.1	4774656	237	0	61.3	61.3	607.93	8000	0	0	66.68	-1.51	19.14	71.06	0	0	0	0	-94.01	-94.01
Transformer Side 2b	TRSide2b	452733.1	4774656	237	0	43	43	609.63	32	0	0	66.7	-5.04	3.55	0.02	0	0	0	0	-22.18	-22.18
Transformer Side 2b	TRSide2b	452733.1	4774656	237	0	62.2	62.2	609.63	63	0	0	66.7	-5.04	4.77	0.07	0	0	0	0	-4.26	-4.26
Transformer Side 2b	TRSide2b	452733.1	4774656	237	0	74.3	74.3	609.63	125	0	0	66.7	3.46	3.57	0.25	0	0	0	0	0.37	0.37
Transformer Side 2b	TRSide2b	452733.1	4774656	237	0	76.8	76.8	609.63	250	0	0	66.7	3.66	5.24	0.64	0	0	0	0	0.61	0.61
Transformer Side 2b	TRSide2b	452733.1	4774656	237	0	82.2	82.2	609.63	500	0	0	66.7	0.05	10.59	1.18	0	0	0	0	3.74	3.74
Transformer Side 2b	TRSide2b	452733.1	4774656	237	0	79.4	79.4	609.63	1000	0	0	66.7	-1.42	13.24	2.23	0	0	0	0	-1.3	-1.3
Transformer Side 2b	TRSide2b	452733.1	4774656	237	0	75.6	75.6	609.63	2000	0	0	66.7	-1.51	16.03	5.89	0	0	0	0	-11.46	-11.46
Transformer Side 2b	TRSide2b	452733.1	4774656	237	0	70.4	70.4	609.63	4000	0	0	66.7	-1.51	18.93	19.98	0	0	0	0	-33.65	-33.65
Transformer Side 2b	TRSide2b	452733.1	4774656	237	0	61.3	61.3	609.63	8000	0	0	66.7	-1.51	19.52	71.25	0	0	0	0	-94.62	-94.62
Transformer Side 2b	TRSide2b	452736.1	4774655	237	0	43	43	611.34	32	0	0	66.73	-5.04	3.84	0.02	0	0	0	0	-22.5	-22.5
Transformer Side 2b	TRSide2b	452736.1	4774655	237	0	62.2	62.2	611.34	63	0	0	66.73	-5.04	5.09	0.07	0	0	0	0	-4.6	-4.6
Transformer Side 2b	TRSide2b	452736.1	4774655	237	0	74.3	74.3	611.34	125	0	0	66.73	3.46	3.72	0.25	0	0	0	0	0.19	0.19
Transformer Side 2b	TRSide2b	452736.1	4774655	237	0	76.8	76.8	611.34	250	0	0	66.73	3.66	5.38	0.64	0	0	0	0	0.45	0.45
Transformer Side 2b	TRSide2b	452736.1	4774655	237	0	82.2	82.2	611.34	500	0	0	66.73	0.04	10.85	1.18	0	0	0	0	3.45	3.45
Transformer Side 2b	TRSide2b	452736.1	4774655	237	0	79.4	79.4	611.34	1000	0	0	66.73	-1.42	13.48	2.24	0	0	0	0	-1.58	-1.58
Transformer Side 2b	TRSide2b	452736.1	4774655	237	0	75.6	75.6	611.34	2000	0	0	66.73	-1.51	16.27	5.91	0	0	0	0	-11.74	-11.74
Transformer Side 2b	TRSide2b	452736.1	4774655	237	0	70.4	70.4	611.34	4000	0	0	66.73	-1.51	19.16	20.03	0	0	0	0	-33.96	-33.96
Transformer Side 2b	TRSide2b	452736.1	4774655	237	0	61.3	61.3	611.34	8000	0	0	66.73	-1.51	19.66	71.45	0	0	0	0	-94.98	-94.98
Transformer Side 2b	TRSide2b	452739.1	4774654	237	0	43	43	613.06	32	0	0	66.75	-5.05	3.98	0.02	0	0	0	0	-22.65	-22.65
Transformer Side 2b	TRSide2b	452739.1	4774654	237	0	62.2	62.2	613.06	63	0	0	66.75	-5.05	5.24	0.07	0	0	0	0	-4.77	-4.77
Transformer Side 2b	TRSide2b	452739.1	4774654	237	0	74.3	74.3	613.06	125	0	0	66.75	3.47	3.78	0.25	0	0	0	0	0.1	0.1
Transformer Side 2b	TRSide2b	452739.1	4774654	237	0	76.8	76.8	613.06	250	0	0	66.75	3.66	5.43	0.64	0	0	0	0	0.37	0.37
Transformer Side 2b	TRSide2b	452739.1	4774654	237	0	82.2	82.2	613.06	500	0	0	66.75	0.04	10.95	1.18	0	0	0	0	3.32	3.32
Transformer Side 2b	TRSide2b	452739.1	4774654	237	0	79.4	79.4	613.06	1000	0	0	66.75	-1.42	13.58	2.24	0	0	0	0	-1.7	-1.7
Transformer Side 2b	TRSide2b	452739.1	4774654	237	0	75.6	75.6	613.06	2000	0	0	66.75	-1.51	16.36	5.92	0	0	0	0	-11.87	-11.87
Transformer Side 2b	TRSide2b	452739.1	4774654	237	0	70.4	70.4	613.06	4000	0	0	66.75	-1.51	19.25	20.09	0	0	0	0	-34.13	-34.13
Transformer Side 2b	TRSide2b	452739.1	4774654	237	0	61.3	61.3	613.06	8000	0	0	66.75	-1.51	19.72	71.66	0	0	0	0	-95.26	-95.26
Transformer Side 2b	TRSide2b	452730.1	4774656	240	0	43	43	607.9	32	0	0	66.68	-4.59	4.77	0.02	0	0	0	0	-23.83	-23.83
Transformer Side 2b	TRSide2b	452730.1	4774656	240	0	62.2	62.2	607.9	63	0	0	66.68	-4.59	4.77	0.07	0	0	0	0	-4.68	-4.68
Transformer Side 2b	TRSide2b	452730.1	4774656	240	0	74.3	74.3	607.9	125	0	0	66.68	3.45	1.33	0.25	0	0	0	0	2.65	2.65
Transformer Side 2b	TRSide2b	452730.1	4774656	240	0	76.8	76.8	607.9	250	0	0	66.68	0.23	4.54	0.63	0	0	0	0	4.76	4.76
Transformer Side 2b	TRSide2b	452730.1	4774656	240	0	82.2	82.2	607.9	500	0	0	66.68	-1.38	4.78	1.17	0	0	0	0	11	11
Transformer Side 2b	TRSide2b	452730.1	4774656	240	0	79.4	79.4	607.9	1000	0	0	66.68	-1.38	4.78	2.22	0	0	0	0	7.14	7.14
Transformer Side 2b	TRSide2b	452730.1	4774656	240	0	75.6	75.6	607.9	2000	0	0	66.68	-1.38	4.79	5.87	0	0	0	0	-0.32	-0.32
Transformer Side 2b	TRSide2b	452730.1	4774656	240	0	70.4	70.4	607.9	4000	0	0	66.68	-1.38	4.81	19.92	0	0	0	0	-19.58	-19.58
Transformer Side 2b	TRSide2b	452730.1	4774656	240	0	61.3	61.3	607.9	8000	0	0	66.68	-1.38	4.85	71.05	0	0	0	0	-79.85	-79.85
Transformer Side 2b	TRSide2b	452733.1	4774656	240	0	43	43	609.6	32	0	0	66.7	-4.6	4.77	0.02	0	0	0	0	-23.85	-23.85
Transformer Side 2b	TRSide2b	452733.1	4774656	240	0	62.2	62.2	609.6	63	0	0	66.7	-4.6	4.77	0.07	0	0	0	0	-4.7	-4.7
Transformer Side 2b	TRSide2b	452733.1	4774656	240	0	74.3	74.3	609.6	125	0	0	66.7	3.45	1.32	0.25	0	0	0	0	2.62	2.62
Transformer Side 2b	TRSide2b	452733.1	4774656	240	0	76.8	76.8	609.6	250	0	0	66.7	0.23	4.55	0.64	0	0	0	0	4.74	4.74
Transformer Side 2b	TRSide2b	452733.1	4774656	240	0	82.2	82.2	609.6	500	0	0	66.7	-1.38	4.78	1.18	0	0	0	0	10.97	10.97
Transformer Side 2b	TRSide2b	452733.1	4774656	240	0	79.4	79.4	609.6	1000	0	0	66.7	-1.38	4.78	2.23	0	0	0	0	7.11	7.11
Transformer Side 2b	TRSide2b	452733.1	4774656	240	0	75.6	75.6	609.6	2000	0	0	66.7	-1.38	4.79	5.89	0	0	0	0	-0.36	-0.36
Transformer Side 2b	TRSide2b	452733.1	4774656	240	0	70.4	70.4	609.6	4000	0	0	66.7	-1.38	4.81	19.98	0	0	0	0	-19.66	-19.66
Transformer Side 2b	TRSide2b	452733.1	4774656	240	0	61.3	61.3	609.6	8000	0	0	66.7	-1.38	4.85	71.25	0	0	0	0	-80.07	-80.07
Transformer Side 2b	TRSide2b	452736.1	4774655	240	0	43	43	611.31	32	0	0										

Transformer Side 2b	TRSide2b	452739.1	4774654	240	0	76.8	76.8	613.03	250	0	0	66.75	0.23	4.55	0.64	0	0	0	0	4.68	4.68
Transformer Side 2b	TRSide2b	452739.1	4774654	240	0	82.2	82.2	613.03	500	0	0	66.75	-1.38	4.78	1.18	0	0	0	0	10.92	10.92
Transformer Side 2b	TRSide2b	452739.1	4774654	240	0	79.4	79.4	613.03	1000	0	0	66.75	-1.38	4.78	2.24	0	0	0	0	7.06	7.06
Transformer Side 2b	TRSide2b	452739.1	4774654	240	0	75.6	75.6	613.03	2000	0	0	66.75	-1.38	4.79	5.92	0	0	0	0	-0.44	-0.44
Transformer Side 2b	TRSide2b	452739.1	4774654	240	0	70.4	70.4	613.03	4000	0	0	66.75	-1.38	4.81	20.09	0	0	0	0	-19.82	-19.82
Transformer Side 2b	TRSide2b	452739.1	4774654	240	0	61.3	61.3	613.03	8000	0	0	66.75	-1.38	4.85	71.65	0	0	0	0	-80.52	-80.52
Transformer Side 2b	TRSide2b	452730.1	4774656	239	0	43	43	607.91	32	0	0	66.68	-4.74	2.73	0.02	0	0	0	0	-21.64	-21.64
Transformer Side 2b	TRSide2b	452730.1	4774656	239	0	62.2	62.2	607.91	63	0	0	66.68	-4.74	3.28	0.07	0	0	0	0	-3.04	-3.04
Transformer Side 2b	TRSide2b	452730.1	4774656	239	0	74.3	74.3	607.91	125	0	0	66.68	-4.74	3.51	1.03	0.25	0	0	0	2.89	2.89
Transformer Side 2b	TRSide2b	452730.1	4774656	239	0	76.8	76.8	607.91	250	0	0	66.68	0.98	3.79	0.63	0	0	0	0	4.77	4.77
Transformer Side 2b	TRSide2b	452730.1	4774656	239	0	82.2	82.2	607.91	500	0	0	66.68	-1.42	5.45	1.17	0	0	0	0	10.37	10.37
Transformer Side 2b	TRSide2b	452730.1	4774656	239	0	79.4	79.4	607.91	1000	0	0	66.68	-1.42	6.54	2.22	0	0	0	0	5.43	5.43
Transformer Side 2b	TRSide2b	452730.1	4774656	239	0	75.6	75.6	607.91	2000	0	0	66.68	-1.42	8.04	5.87	0	0	0	0	-3.52	-3.52
Transformer Side 2b	TRSide2b	452730.1	4774656	239	0	70.4	70.4	607.91	4000	0	0	66.68	-1.42	10	19.92	0	0	0	0	-24.73	-24.73
Transformer Side 2b	TRSide2b	452730.1	4774656	239	0	61.3	61.3	607.91	8000	0	0	66.68	-1.42	12.36	71.05	0	0	0	0	-87.32	-87.32
Transformer Side 2b	TRSide2b	452733.1	4774656	239	0	43	43	609.61	32	0	0	66.7	-4.75	3.22	0.02	0	0	0	0	-22.15	-22.15
Transformer Side 2b	TRSide2b	452733.1	4774656	239	0	62.2	62.2	609.61	63	0	0	66.7	-4.75	3.8	0.07	0	0	0	0	-3.58	-3.58
Transformer Side 2b	TRSide2b	452733.1	4774656	239	0	74.3	74.3	609.61	125	0	0	66.7	3.51	1.25	0.25	0	0	0	0	2.64	2.64
Transformer Side 2b	TRSide2b	452733.1	4774656	239	0	76.8	76.8	609.61	250	0	0	66.7	0.98	4.06	0.64	0	0	0	0	4.47	4.47
Transformer Side 2b	TRSide2b	452733.1	4774656	239	0	82.2	82.2	609.61	500	0	0	66.7	-1.42	5.67	1.18	0	0	0	0	10.12	10.12
Transformer Side 2b	TRSide2b	452733.1	4774656	239	0	79.4	79.4	609.61	1000	0	0	66.7	-1.42	6.69	2.23	0	0	0	0	5.25	5.25
Transformer Side 2b	TRSide2b	452733.1	4774656	239	0	75.6	75.6	609.61	2000	0	0	66.7	-1.42	8.14	5.89	0	0	0	0	-3.66	-3.66
Transformer Side 2b	TRSide2b	452733.1	4774656	239	0	70.4	70.4	609.61	4000	0	0	66.7	-1.42	10.07	19.98	0	0	0	0	-24.88	-24.88
Transformer Side 2b	TRSide2b	452733.1	4774656	239	0	61.3	61.3	609.61	8000	0	0	66.7	-1.42	12.42	71.25	0	0	0	0	-87.6	-87.6
Transformer Side 2b	TRSide2b	452736.1	4774655	239	0	43	43	611.32	32	0	0	66.73	-4.75	3.55	0.02	0	0	0	0	-22.5	-22.5
Transformer Side 2b	TRSide2b	452736.1	4774655	239	0	62.2	62.2	611.32	63	0	0	66.73	-4.75	4.09	0.07	0	0	0	0	-3.9	-3.9
Transformer Side 2b	TRSide2b	452736.1	4774655	239	0	74.3	74.3	611.32	125	0	0	66.73	3.51	1.35	0.25	0	0	0	0	2.51	2.51
Transformer Side 2b	TRSide2b	452736.1	4774655	239	0	76.8	76.8	611.32	250	0	0	66.73	0.97	4.18	0.64	0	0	0	0	4.33	4.33
Transformer Side 2b	TRSide2b	452736.1	4774655	239	0	82.2	82.2	611.32	500	0	0	66.73	-1.42	5.76	1.18	0	0	0	0	10.01	10.01
Transformer Side 2b	TRSide2b	452736.1	4774655	239	0	79.4	79.4	611.32	1000	0	0	66.73	-1.42	6.74	2.24	0	0	0	0	5.17	5.17
Transformer Side 2b	TRSide2b	452736.1	4774655	239	0	75.6	75.6	611.32	2000	0	0	66.73	-1.42	8.17	5.91	0	0	0	0	-3.73	-3.73
Transformer Side 2b	TRSide2b	452736.1	4774655	239	0	70.4	70.4	611.32	4000	0	0	66.73	-1.42	10.09	20.03	0	0	0	0	-24.98	-24.98
Transformer Side 2b	TRSide2b	452736.1	4774655	239	0	61.3	61.3	611.32	8000	0	0	66.73	-1.42	12.43	71.45	0	0	0	0	-87.84	-87.84
Transformer Side 2b	TRSide2b	452739.1	4774654	239	0	43	43	613.04	32	0	0	66.75	-4.75	4.35	0.02	0	0	0	0	-23.32	-23.32
Transformer Side 2b	TRSide2b	452739.1	4774654	239	0	62.2	62.2	613.04	63	0	0	66.75	-4.75	4.65	0.07	0	0	0	0	-4.48	-4.48
Transformer Side 2b	TRSide2b	452739.1	4774654	239	0	74.3	74.3	613.04	125	0	0	66.75	3.51	1.51	0.25	0	0	0	0	2.33	2.33
Transformer Side 2b	TRSide2b	452739.1	4774654	239	0	76.8	76.8	613.04	250	0	0	66.75	0.97	4.35	0.64	0	0	0	0	4.14	4.14
Transformer Side 2b	TRSide2b	452739.1	4774654	239	0	82.2	82.2	613.04	500	0	0	66.75	-1.42	5.88	1.18	0	0	0	0	9.86	9.86
Transformer Side 2b	TRSide2b	452739.1	4774654	239	0	79.4	79.4	613.04	1000	0	0	66.75	-1.43	6.81	2.24	0	0	0	0	5.07	5.07
Transformer Side 2b	TRSide2b	452739.1	4774654	239	0	75.6	75.6	613.04	2000	0	0	66.75	-1.43	8.21	5.92	0	0	0	0	-3.81	-3.81
Transformer Side 2b	TRSide2b	452739.1	4774654	239	0	70.4	70.4	613.04	4000	0	0	66.75	-1.43	10.12	20.09	0	0	0	0	-25.08	-25.08
Transformer Side 2b	TRSide2b	452739.1	4774654	239	0	61.3	61.3	613.04	8000	0	0	66.75	-1.43	12.45	71.65	0	0	0	0	-88.08	-88.08
Transformer Side 2a	TRSide2a	452731.5	4774662	238	0	43	43	612.91	32	0	0	66.75	-4.9	1.89	0.02	0	0	0	0	-20.71	-20.71
Transformer Side 2a	TRSide2a	452731.5	4774662	238	0	62.2	62.2	612.91	63	0	0	66.75	-4.9	2.01	0.07	0	0	0	0	-1.69	-1.69
Transformer Side 2a	TRSide2a	452731.5	4774662	238	0	74.3	74.3	612.91	125	0	0	66.75	3.44	0.12	0.25	0	0	0	0	3.78	3.78
Transformer Side 2a	TRSide2a	452731.5	4774662	238	0	76.8	76.8	612.91	250	0	0	66.75	2.18	1.36	0.64	0	0	0	0	5.92	5.92
Transformer Side 2a	TRSide2a	452731.5	4774662	238	0	82.2	82.2	612.91	500	0	0	66.75	-1.31	3.38	1.18	0	0	0	0	12.25	12.25
Transformer Side 2a	TRSide2a	452731.5	4774662	238	0	79.4	79.4	612.91	1000	0	0	66.75	-1.47	4.52	2.24	0	0	0	0	7.41	7.41
Transformer Side 2a	TRSide2a	452731.5	4774662	238	0	75.6	75.6	612.91	2000	0	0	66.75	-1.47	6.13	5.92	0	0	0	0	-1.68	-1.68
Transformer Side 2a	TRSide2a	452731.5	4774662	238	0	70.4	70.4	612.91	4000	0	0	66.75	-1.47	8.2	20.09	0	0	0	0	-23.11	-23.11
Transformer Side 2a	TRSide2a	452731.5	4774662	238	0	61.3	61.3	612.91	8000	0	0	66.75	-1.47	10.64	71.64	0	0	0	0	-86.21	-86.21
Transformer Side 2a	TRSide2a	452734.5	4774661	238	0	43	43	614.59	32	0	0	66.77	-4.9	2.31	0.02	0	0	0	0	-21.15	-21.15
Transformer Side 2a	TRSide2a	452734.5	4774661	238	0	62.2	62.2	614.59	63	0	0	66.77	-4.9	2.72	0.07	0	0	0	0	-2.42	-2.42
Transformer Side 2a	TRSide2a	452734.5	4774661	238	0	74.3	74.3	614.59	125	0	0	66.77	3.45	0.74	0.25	0	0	0	0	3.13	3.13
Transformer Side 2a	TRSide2a	452734.5	4774661	238	0	76.8	76.8	614.59	250	0	0	66.77	2.18	2.36	0.64	0	0	0	0	4.9	4.9
Transformer Side 2a	TRSide2a	452734.5	4774661	238	0	82.2	82.2	614.59	500	0	0	66.77	-1.31	4.99	1.18	0	0	0	0	10.61	10.61
Transformer Side 2a	TRSide2a	452734.5	4774661	238	0	79.4	79.4	614.59	1000	0	0	66.77	-1.47	6.18	2.25	0	0	0	0	5.71	5.71
Transformer Side 2a	TRSide2a	452734.5	4774661	238	0	75.6	75.6	614.59	2000	0	0	66.77	-1.47	7.74	5.94	0	0	0	0	-3.34	-3.34
Transformer Side 2a	TRSide2a	452734.5	4774661	238	0	70.4	70.4	614.59	4000	0	0	66.77	-1.47	9.74	20.14	0	0	0	0	-24.73	-24.73
Transformer Side 2a	TRSide2a	452734.5	4774661	238	0	61.3	61.3	614.59	8000	0	0	66.77	-1.47	12.11	71.83	0	0	0	0	-87.9	-87.9
Transformer Side 2a	TRSide2a	452739	4774660	238	0	46.1	46.1	617.13	32	0	0	66.81	-4.91	2.69	0.02	0	0	0	0	-18.55	-18.55
Transformer Side 2a	TRSide2a	452739	4774660	238	0	65.3	65.3	617.13	63	0	0	66.81	-4.91	3.39	0.08	0	0	0	0	-0.1	-0.1
Transformer Side 2a	TRSide2a	452739	4774660	238	0	77.4	77.4	617.13	125	0	0	66.81	3.45	1.14	0.25	0	0	0	0	5.7	5.7
Transformer Side 2a	TRSide2a	452739	4774660	238	0	79.9	79.9	617.13	250	0	0	66.81	2.18	2.81	0.64	0	0	0	0	7.42	7.42
Transformer Side 2a	TRSide2a	452739	4774660	238	0	85.3	85.3	617.13	50												



Transformer Side 2a	TRSide2a	452731.5	4774662	237	0	70.4	70.4	612.93	4000	0	0	66.75	-1.51	10.41	20.09	0	0	0	0	-25.28	-25.28
Transformer Side 2a	TRSide2a	452731.5	4774662	237	0	61.3	61.3	612.93	8000	0	0	66.75	-1.51	13.1	71.64	0	0	0	0	-88.62	-88.62
Transformer Side 2a	TRSide2a	452734.5	4774661	237	0	43	43	614.61	32	0	0	66.77	-5.05	2.22	0.02	0	0	0	0	-20.92	-20.92
Transformer Side 2a	TRSide2a	452734.5	4774661	237	0	62.2	62.2	614.61	63	0	0	66.77	-5.05	2.82	0.07	0	0	0	0	-2.37	-2.37
Transformer Side 2a	TRSide2a	452734.5	4774661	237	0	74.3	74.3	614.61	125	0	0	66.77	3.47	1.22	0.25	0	0	0	0	2.63	2.63
Transformer Side 2a	TRSide2a	452734.5	4774661	237	0	76.8	76.8	614.61	250	0	0	66.77	3.66	2.09	0.64	0	0	0	0	3.69	3.69
Transformer Side 2a	TRSide2a	452734.5	4774661	237	0	82.2	82.2	614.61	500	0	0	66.77	0.04	6.4	1.18	0	0	0	0	7.85	7.85
Transformer Side 2a	TRSide2a	452734.5	4774661	237	0	79.4	79.4	614.61	1000	0	0	66.77	-1.42	8.42	2.25	0	0	0	0	3.42	3.42
Transformer Side 2a	TRSide2a	452734.5	4774661	237	0	75.6	75.6	614.61	2000	0	0	66.77	-1.51	10.78	5.94	0	0	0	0	-6.33	-6.33
Transformer Side 2a	TRSide2a	452734.5	4774661	237	0	70.4	70.4	614.61	4000	0	0	66.77	-1.51	13.42	20.14	0	0	0	0	-28.37	-28.37
Transformer Side 2a	TRSide2a	452734.5	4774661	237	0	61.3	61.3	614.61	8000	0	0	66.77	-1.51	16.22	71.84	0	0	0	0	-91.97	-91.97
Transformer Side 2a	TRSide2a	452739	4774660	237	0	46.1	46.1	617.14	32	0	0	66.81	-5.05	2.8	0.02	0	0	0	0	-18.52	-18.52
Transformer Side 2a	TRSide2a	452739	4774660	237	0	65.3	65.3	617.14	63	0	0	66.81	-5.05	3.64	0.08	0	0	0	0	-0.21	-0.21
Transformer Side 2a	TRSide2a	452739	4774660	237	0	77.4	77.4	617.14	125	0	0	66.81	3.48	1.71	0.25	0	0	0	0	5.11	5.11
Transformer Side 2a	TRSide2a	452739	4774660	237	0	79.9	79.9	617.14	250	0	0	66.81	3.66	2.53	0.64	0	0	0	0	6.22	6.22
Transformer Side 2a	TRSide2a	452739	4774660	237	0	85.3	85.3	617.14	500	0	0	66.81	0.04	7.19	1.19	0	0	0	0	10.03	10.03
Transformer Side 2a	TRSide2a	452739	4774660	237	0	82.5	82.5	617.14	1000	0	0	66.81	-1.42	9.12	2.26	0	0	0	0	5.69	5.69
Transformer Side 2a	TRSide2a	452739	4774660	237	0	78.7	78.7	617.14	2000	0	0	66.81	-1.52	11.42	5.96	0	0	0	0	-4.02	-4.02
Transformer Side 2a	TRSide2a	452739	4774660	237	0	73.5	73.5	617.14	4000	0	0	66.81	-1.52	14.01	20.22	0	0	0	0	-26.07	-26.07
Transformer Side 2a	TRSide2a	452739	4774660	237	0	64.4	64.4	617.14	8000	0	0	66.81	-1.52	16.8	72.13	0	0	0	0	-89.86	-89.86
Transformer Side 2a	TRSide2a	452731.5	4774662	240	0	43	43	612.9	32	0	0	66.75	-4.6	1.85	0.02	0	0	0	0	-20.96	-20.96
Transformer Side 2a	TRSide2a	452731.5	4774662	240	0	62.2	62.2	612.9	63	0	0	66.75	-4.6	1.92	0.07	0	0	0	0	-1.89	-1.89
Transformer Side 2a	TRSide2a	452731.5	4774662	240	0	74.3	74.3	612.9	125	0	0	66.75	3.45	0	0.25	0	0	0	0	3.9	3.9
Transformer Side 2a	TRSide2a	452731.5	4774662	240	0	76.8	76.8	612.9	250	0	0	66.75	0.23	2.19	0.64	0	0	0	0	7.05	7.05
Transformer Side 2a	TRSide2a	452731.5	4774662	240	0	82.2	82.2	612.9	500	0	0	66.75	-1.38	2.7	1.18	0	0	0	0	13	13
Transformer Side 2a	TRSide2a	452731.5	4774662	240	0	79.4	79.4	612.9	1000	0	0	66.75	-1.38	3.19	2.24	0	0	0	0	8.65	8.65
Transformer Side 2a	TRSide2a	452731.5	4774662	240	0	75.6	75.6	612.9	2000	0	0	66.75	-1.38	3.69	5.92	0	0	0	0	0.67	0.67
Transformer Side 2a	TRSide2a	452731.5	4774662	240	0	70.4	70.4	612.9	4000	0	0	66.75	-1.38	4.11	20.08	0	0	0	0	-19.11	-19.11
Transformer Side 2a	TRSide2a	452731.5	4774662	240	0	61.3	61.3	612.9	8000	0	0	66.75	-1.38	4.4	71.64	0	0	0	0	-80.05	-80.05
Transformer Side 2a	TRSide2a	452734.5	4774661	240	0	43	43	614.58	32	0	0	66.77	-4.61	4.77	0.02	0	0	0	0	-23.91	-23.91
Transformer Side 2a	TRSide2a	452734.5	4774661	240	0	62.2	62.2	614.58	63	0	0	66.77	-4.61	4.77	0.07	0	0	0	0	-4.76	-4.76
Transformer Side 2a	TRSide2a	452734.5	4774661	240	0	74.3	74.3	614.58	125	0	0	66.77	3.45	1.32	0.25	0	0	0	0	2.55	2.55
Transformer Side 2a	TRSide2a	452734.5	4774661	240	0	76.8	76.8	614.58	250	0	0	66.77	0.22	4.55	0.64	0	0	0	0	4.66	4.66
Transformer Side 2a	TRSide2a	452734.5	4774661	240	0	82.2	82.2	614.58	500	0	0	66.77	-1.38	4.77	1.18	0	0	0	0	10.9	10.9
Transformer Side 2a	TRSide2a	452734.5	4774661	240	0	79.4	79.4	614.58	1000	0	0	66.77	-1.38	4.77	2.25	0	0	0	0	7.04	7.04
Transformer Side 2a	TRSide2a	452734.5	4774661	240	0	75.6	75.6	614.58	2000	0	0	66.77	-1.38	4.77	5.94	0	0	0	0	-0.45	-0.45
Transformer Side 2a	TRSide2a	452734.5	4774661	240	0	70.4	70.4	614.58	4000	0	0	66.77	-1.38	4.77	20.14	0	0	0	0	-19.85	-19.85
Transformer Side 2a	TRSide2a	452734.5	4774661	240	0	61.3	61.3	614.58	8000	0	0	66.77	-1.38	4.77	71.83	0	0	0	0	-80.65	-80.65
Transformer Side 2a	TRSide2a	452739	4774660	240	0	46.1	46.1	617.12	32	0	0	66.81	-4.61	4.77	0.02	0	0	0	0	-20.93	-20.93
Transformer Side 2a	TRSide2a	452739	4774660	240	0	65.3	65.3	617.12	63	0	0	66.81	-4.61	4.77	0.08	0	0	0	0	-1.78	-1.78
Transformer Side 2a	TRSide2a	452739	4774660	240	0	77.4	77.4	617.12	125	0	0	66.81	3.45	1.32	0.25	0	0	0	0	5.53	5.53
Transformer Side 2a	TRSide2a	452739	4774660	240	0	79.9	79.9	617.12	250	0	0	66.81	0.22	4.55	0.64	0	0	0	0	7.64	7.64
Transformer Side 2a	TRSide2a	452739	4774660	240	0	85.3	85.3	617.12	500	0	0	66.81	-1.38	4.77	1.19	0	0	0	0	13.87	13.87
Transformer Side 2a	TRSide2a	452739	4774660	240	0	82.5	82.5	617.12	1000	0	0	66.81	-1.38	4.77	2.26	0	0	0	0	10.01	10.01
Transformer Side 2a	TRSide2a	452739	4774660	240	0	78.7	78.7	617.12	2000	0	0	66.81	-1.38	4.77	5.96	0	0	0	0	2.5	2.5
Transformer Side 2a	TRSide2a	452739	4774660	240	0	73.5	73.5	617.12	4000	0	0	66.81	-1.38	4.77	20.22	0	0	0	0	-16.96	-16.96
Transformer Side 2a	TRSide2a	452739	4774660	240	0	64.4	64.4	617.12	8000	0	0	66.81	-1.38	4.77	72.13	0	0	0	0	-77.97	-77.97
Transformer Side 2a	TRSide2a	452731.5	4774662	239	0	43	43	612.9	32	0	0	66.75	-4.75	1.85	0.02	0	0	0	0	-20.82	-20.82
Transformer Side 2a	TRSide2a	452731.5	4774662	239	0	62.2	62.2	612.9	63	0	0	66.75	-4.75	1.93	0.07	0	0	0	0	-1.76	-1.76
Transformer Side 2a	TRSide2a	452731.5	4774662	239	0	74.3	74.3	612.9	125	0	0	66.75	3.51	0	0.25	0	0	0	0	3.84	3.84
Transformer Side 2a	TRSide2a	452731.5	4774662	239	0	76.8	76.8	612.9	250	0	0	66.75	0.97	1.78	0.64	0	0	0	0	6.71	6.71
Transformer Side 2a	TRSide2a	452731.5	4774662	239	0	82.2	82.2	612.9	500	0	0	66.75	-1.42	2.78	1.18	0	0	0	0	12.96	12.96
Transformer Side 2a	TRSide2a	452731.5	4774662	239	0	79.4	79.4	612.9	1000	0	0	66.75	-1.43	3.35	2.24	0	0	0	0	8.53	8.53
Transformer Side 2a	TRSide2a	452731.5	4774662	239	0	75.6	75.6	612.9	2000	0	0	66.75	-1.43	4.06	5.92	0	0	0	0	0.34	0.34
Transformer Side 2a	TRSide2a	452731.5	4774662	239	0	70.4	70.4	612.9	4000	0	0	66.75	-1.43	4.88	20.08	0	0	0	0	-19.84	-19.84
Transformer Side 2a	TRSide2a	452731.5	4774662	239	0	61.3	61.3	612.9	8000	0	0	66.75	-1.43	5.89	71.64	0	0	0	0	-81.51	-81.51
Transformer Side 2a	TRSide2a	452734.5	4774661	239	0	43	43	614.58	32	0	0	66.77	-4.76	2.27	0.02	0	0	0	0	-21.26	-21.26
Transformer Side 2a	TRSide2a	452734.5	4774661	239	0	62.2	62.2	614.58	63	0	0	66.77	-4.76	2.63	0.07	0	0	0	0	-2.48	-2.48
Transformer Side 2a	TRSide2a	452734.5	4774661	239	0	74.3	74.3	614.58	125	0	0	66.77	3.51	0.46	0.25	0	0	0	0	3.36	3.36
Transformer Side 2a	TRSide2a	452734.5	4774661	239	0	76.8	76.8	614.58	250	0	0	66.77	0.97	2.89	0.64	0	0	0	0	5.57	5.57
Transformer Side 2a	TRSide2a	452734.5	4774661	239	0	82.2	82.2	614.58	500	0	0	66.77	-1.42	4.15	1.18	0	0	0	0	11.56	11.56
Transformer Side 2a	TRSide2a	452734.5	4774661	239	0	79.4	79.4	614.58	1000	0	0	66.77	-1.43	4.57	2.25	0	0	0	0	7.28	7.28
Transformer Side 2a	TRSide2a	452734.5	4774661	239	0	75.6	75.6	614.58	2000	0	0	66.77	-1.43	4.99	5.94	0	0	0	0	-0.63	-0.63
Transformer Side 2a	TRSide2a	452734.5	4774661	239	0	70.4	70.4	614.58	4000	0	0	66.77	-1.43	5.53	20.14	0	0	0	0	-20.56	-20.56
Transformer Side 2a	TRSide2a	452734.5	4774661	239	0	61.3	61.3	614.58	8000	0	0	66.77	-1.43	6.33	71.83	0	0	0	0	-82.16	-82.16

Transformer Side 2b	TRSide2b	452773.3	4774646	238.41	0	77.4	77.4	633.63	125	0	0	67.04	3.46	0.88	0.26	0	0	0	0	5.72	5.72
Transformer Side 2b	TRSide2b	452773.3	4774646	238.41	0	79.9	79.9	633.63	250	0	0	67.04	0.21	4.08	0.66	0	0	0	0	7.86	7.86
Transformer Side 2b	TRSide2b	452773.3	4774646	238.41	0	85.3	85.3	633.63	500	0	0	67.04	-1.39	4.67	1.22	0	0	0	0	13.72	13.72
Transformer Side 2b	TRSide2b	452773.3	4774646	238.41	0	82.5	82.5	633.63	1000	0	0	67.04	-1.4	5.09	2.32	0	0	0	0	9.41	9.41
Transformer Side 2b	TRSide2b	452773.3	4774646	238.41	0	78.7	78.7	633.63	2000	0	0	67.04	-1.4	5.65	6.12	0	0	0	0	1.24	1.24
Transformer Side 2b	TRSide2b	452773.3	4774646	238.41	0	73.5	73.5	633.63	4000	0	0	67.04	-1.4	6.5	20.76	0	0	0	0	-19.45	-19.45
Transformer Side 2b	TRSide2b	452773.3	4774646	238.41	0	64.4	64.4	633.63	8000	0	0	67.04	-1.4	7.8	74.06	0	0	0	0	-83.14	-83.14
Transformer Side 2b	TRSide2b	452779.3	4774645	237.96	0	46.1	46.1	637.32	32	0	0	67.09	-4.66	4.79	0.02	0	0	0	0	-21.18	-21.18
Transformer Side 2b	TRSide2b	452779.3	4774645	237.96	0	65.3	65.3	637.32	63	0	0	67.09	-4.66	4.81	0.08	0	0	0	0	-2.05	-2.05
Transformer Side 2b	TRSide2b	452779.3	4774645	237.96	0	77.4	77.4	637.32	125	0	0	67.09	3.46	1.37	0.26	0	0	0	0	5.17	5.17
Transformer Side 2b	TRSide2b	452779.3	4774645	237.96	0	79.9	79.9	637.32	250	0	0	67.09	0.21	4.7	0.66	0	0	0	0	7.2	7.2
Transformer Side 2b	TRSide2b	452779.3	4774645	237.96	0	85.3	85.3	637.32	500	0	0	67.09	-1.4	5.04	1.23	0	0	0	0	13.3	13.3
Transformer Side 2b	TRSide2b	452779.3	4774645	237.96	0	82.5	82.5	637.32	1000	0	0	67.09	-1.4	5.29	2.33	0	0	0	0	9.15	9.15
Transformer Side 2b	TRSide2b	452779.3	4774645	237.96	0	78.7	78.7	637.32	2000	0	0	67.09	-1.4	5.75	6.16	0	0	0	0	1.06	1.06
Transformer Side 2b	TRSide2b	452779.3	4774645	237.96	0	73.5	73.5	637.32	4000	0	0	67.09	-1.4	6.54	20.88	0	0	0	0	-19.66	-19.66
Transformer Side 2b	TRSide2b	452779.3	4774645	237.96	0	64.4	64.4	637.32	8000	0	0	67.09	-1.4	7.8	74.49	0	0	0	0	-83.62	-83.62
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	46.1	46.1	633.64	32	0	0	67.04	-4.79	2.88	0.02	0	0	0	0	-19.09	-19.09
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	65.3	65.3	633.64	63	0	0	67.04	-4.79	3.53	0.08	0	0	0	0	-0.59	-0.59
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	77.4	77.4	633.64	125	0	0	67.04	3.54	1.42	0.26	0	0	0	0	5.1	5.1
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	79.9	79.9	633.64	250	0	0	67.04	0.96	4.53	0.66	0	0	0	0	6.67	6.67
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	85.3	85.3	633.64	500	0	0	67.04	-1.43	6.64	1.22	0	0	0	0	11.79	11.79
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	82.5	82.5	633.64	1000	0	0	67.04	-1.44	8.35	2.32	0	0	0	0	6.19	6.19
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	78.7	78.7	633.64	2000	0	0	67.04	-1.44	10.48	6.12	0	0	0	0	-3.54	-3.54
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	73.5	73.5	633.64	4000	0	0	67.04	-1.44	12.96	20.76	0	0	0	0	-25.86	-25.86
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	64.4	64.4	633.64	8000	0	0	67.04	-1.44	15.67	74.06	0	0	0	0	-90.98	-90.98
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	46.1	46.1	637.33	32	0	0	67.09	-4.8	3.3	0.02	0	0	0	0	-19.55	-19.55
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	65.3	65.3	637.33	63	0	0	67.09	-4.8	4.06	0.08	0	0	0	0	-1.17	-1.17
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	77.4	77.4	637.33	125	0	0	67.09	3.54	1.66	0.26	0	0	0	0	4.81	4.81
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	79.9	79.9	637.33	250	0	0	67.09	0.96	4.85	0.66	0	0	0	0	6.29	6.29
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	85.3	85.3	637.33	500	0	0	67.09	-1.43	6.93	1.23	0	0	0	0	11.44	11.44
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	82.5	82.5	637.33	1000	0	0	67.09	-1.44	8.57	2.33	0	0	0	0	5.91	5.91
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	78.7	78.7	637.33	2000	0	0	67.09	-1.44	10.65	6.16	0	0	0	0	-3.8	-3.8
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	73.5	73.5	637.33	4000	0	0	67.09	-1.44	13.11	20.89	0	0	0	0	-26.19	-26.19
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	64.4	64.4	637.33	8000	0	0	67.09	-1.44	15.81	74.49	0	0	0	0	-91.59	-91.59
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	46.1	46.1	633.65	32	0	0	67.04	-4.93	2.94	0.02	0	0	0	0	-19.01	-19.01
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	65.3	65.3	633.65	63	0	0	67.04	-4.93	3.91	0.08	0	0	0	0	-0.83	-0.83
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	77.4	77.4	633.65	125	0	0	67.04	3.49	2.53	0.26	0	0	0	0	4.04	4.04
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	79.9	79.9	633.65	250	0	0	67.04	2.17	5.19	0.66	0	0	0	0	4.8	4.8
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	85.3	85.3	633.65	500	0	0	67.04	-1.32	8.98	1.22	0	0	0	0	9.35	9.35
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	82.5	82.5	633.65	1000	0	0	67.04	-1.48	11.41	2.32	0	0	0	0	3.17	3.17
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	78.7	78.7	633.65	2000	0	0	67.04	-1.48	14.1	6.12	0	0	0	0	-7.12	-7.12
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	73.5	73.5	633.65	4000	0	0	67.04	-1.48	16.93	20.76	0	0	0	0	-29.8	-29.8
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	64.4	64.4	633.65	8000	0	0	67.04	-1.48	19.22	74.06	0	0	0	0	-94.48	-94.48
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	46.1	46.1	637.34	32	0	0	67.09	-4.94	3.57	0.02	0	0	0	0	-19.68	-19.68
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	65.3	65.3	637.34	63	0	0	67.09	-4.94	4.64	0.08	0	0	0	0	-1.61	-1.61
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	77.4	77.4	637.34	125	0	0	67.09	3.5	2.89	0.26	0	0	0	0	3.62	3.62
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	79.9	79.9	637.34	250	0	0	67.09	2.17	5.62	0.66	0	0	0	0	4.32	4.32
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	85.3	85.3	637.34	500	0	0	67.09	-1.33	9.56	1.23	0	0	0	0	8.71	8.71
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	82.5	82.5	637.34	1000	0	0	67.09	-1.48	11.95	2.33	0	0	0	0	2.57	2.57
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	78.7	78.7	637.34	2000	0	0	67.09	-1.48	14.61	6.16	0	0	0	0	-7.71	-7.71
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	73.5	73.5	637.34	4000	0	0	67.09	-1.48	17.43	20.89	0	0	0	0	-30.46	-30.46
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	64.4	64.4	637.34	8000	0	0	67.09	-1.48	19.65	74.49	0	0	0	0	-95.39	-95.39
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	46.1	46.1	633.67	32	0	0	67.04	-5.08	3.26	0.02	0	0	0	0	-19.18	-19.18
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	65.3	65.3	633.67	63	0	0	67.04	-5.08	4.49	0.08	0	0	0	0	-1.27	-1.27
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	77.4	77.4	633.67	125	0	0	67.04	3.54	3.67	0.26	0	0	0	0	2.84	2.84
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	79.9	79.9	633.67	250	0	0	67.04	3.65	5.61	0.66	0	0	0	0	2.89	2.89
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	85.3	85.3	633.67	500	0	0	67.04	0.03	10.7	1.22	0	0	0	0	6.27	6.27
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	82.5	82.5	633.67	1000	0	0	67.04	-1.43	13.42	2.32	0	0	0	0	1.11	1.11
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	78.7	78.7	633.67	2000	0	0	67.04	-1.52	16.27	6.12	0	0	0	0	-9.25	-9.25
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	73.5	73.5	633.67	4000	0	0	67.04	-1.52	18.56	20.77	0	0	0	0	-31.38	-31.38
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	64.4	64.4	633.67	8000	0	0	67.04	-1.52	19.22	74.06	0	0	0	0	-94.44	-94.44
Transformer Side 2b	TRSide2b	452779.3	4774645	234.96	0	46.1	46.1	637.35	32	0	0	67.09	-5.08	3.94	0.02	0	0	0	0	-19.91	-19.91
Transformer Side 2b	TRSide2b	452779.3	4774645	234.96	0	65.3	65.3	637.35	63	0	0	67.09	-5.08	5.34	0.08	0	0	0	0	-2.16	-2.16
Transformer Side 2b	TRSide2b	452779.3	4774645	234.96	0</																

Transformer Side 2a	TRSide2a	452780.9	4774651	236.69	0	78.3	78.3	642.23	2000	0	0	67.15	-1.44	7.99	6.21	0	0	0	0	-1.6	-1.6
Transformer Side 2a	TRSide2a	452780.9	4774651	236.69	0	73.1	73.1	642.23	4000	0	0	67.15	-1.44	9.94	21.05	0	0	0	0	-23.59	-23.59
Transformer Side 2a	TRSide2a	452780.9	4774651	236.69	0	64	64	642.23	8000	0	0	67.15	-1.44	12.29	75.07	0	0	0	0	-89.06	-89.06
Transformer Side 2a	TRSide2a	452775.4	4774652	237.1	0	45.7	45.7	638.84	32	0	0	67.11	-4.8	2	0.02	0	0	0	0	-18.61	-18.61
Transformer Side 2a	TRSide2a	452775.4	4774652	237.1	0	64.9	64.9	638.84	63	0	0	67.11	-4.8	2.21	0.08	0	0	0	0	0.32	0.32
Transformer Side 2a	TRSide2a	452775.4	4774652	237.1	0	77	77	638.84	125	0	0	67.11	3.54	0.26	0.26	0	0	0	0	5.84	5.84
Transformer Side 2a	TRSide2a	452775.4	4774652	237.1	0	79.5	79.5	638.84	250	0	0	67.11	0.96	2.59	0.67	0	0	0	0	8.18	8.18
Transformer Side 2a	TRSide2a	452775.4	4774652	237.1	0	84.9	84.9	638.84	500	0	0	67.11	-1.43	4.11	1.23	0	0	0	0	13.89	13.89
Transformer Side 2a	TRSide2a	452775.4	4774652	237.1	0	82.1	82.1	638.84	1000	0	0	67.11	-1.44	5.39	2.34	0	0	0	0	8.72	8.72
Transformer Side 2a	TRSide2a	452775.4	4774652	237.1	0	78.3	78.3	638.84	2000	0	0	67.11	-1.44	7.06	6.17	0	0	0	0	-0.6	-0.6
Transformer Side 2a	TRSide2a	452775.4	4774652	237.1	0	73.1	73.1	638.84	4000	0	0	67.11	-1.44	9.15	20.94	0	0	0	0	-22.65	-22.65
Transformer Side 2a	TRSide2a	452775.4	4774652	237.1	0	64	64	638.84	8000	0	0	67.11	-1.44	11.59	74.67	0	0	0	0	-87.92	-87.92
Transformer Side 2a	TRSide2a	452772.2	4774653	237.35	0	37.9	37.9	636.88	32	0	0	67.08	-4.8	0	0.02	0	0	0	0	-24.36	-24.36
Transformer Side 2a	TRSide2a	452772.2	4774653	237.35	0	57.1	57.1	636.88	63	0	0	67.08	-4.8	0	0.08	0	0	0	0	-5.22	-5.22
Transformer Side 2a	TRSide2a	452772.2	4774653	237.35	0	69.2	69.2	636.88	125	0	0	67.08	3.54	0	0.26	0	0	0	0	-1.64	-1.64
Transformer Side 2a	TRSide2a	452772.2	4774653	237.35	0	71.7	71.7	636.88	250	0	0	67.08	0.96	0	0.66	0	0	0	0	3.03	3.03
Transformer Side 2a	TRSide2a	452772.2	4774653	237.35	0	77.1	77.1	636.88	500	0	0	67.08	-1.43	0	1.23	0	0	0	0	10.26	10.26
Transformer Side 2a	TRSide2a	452772.2	4774653	237.35	0	74.3	74.3	636.88	1000	0	0	67.08	-1.44	0	2.33	0	0	0	0	6.37	6.37
Transformer Side 2a	TRSide2a	452772.2	4774653	237.35	0	70.5	70.5	636.88	2000	0	0	67.08	-1.44	0	6.15	0	0	0	0	-1.26	-1.26
Transformer Side 2a	TRSide2a	452772.2	4774653	237.35	0	65.3	65.3	636.88	4000	0	0	67.08	-1.44	0	20.87	0	0	0	0	-21.17	-21.17
Transformer Side 2a	TRSide2a	452772.2	4774653	237.35	0	56.2	56.2	636.88	8000	0	0	67.08	-1.44	0	74.44	0	0	0	0	-83.84	-83.84
Transformer Side 2a	TRSide2a	452780.9	4774651	234.69	0	45.7	45.7	642.26	32	0	0	67.15	-5.09	2.77	0.02	0	0	0	0	-19.14	-19.14
Transformer Side 2a	TRSide2a	452780.9	4774651	234.69	0	64.9	64.9	642.26	63	0	0	67.15	-5.09	3.74	0.08	0	0	0	0	-0.97	-0.97
Transformer Side 2a	TRSide2a	452780.9	4774651	234.69	0	77	77	642.26	125	0	0	67.15	3.57	2.26	0.26	0	0	0	0	3.75	3.75
Transformer Side 2a	TRSide2a	452780.9	4774651	234.69	0	79.5	79.5	642.26	250	0	0	67.15	3.65	3.67	0.67	0	0	0	0	4.37	4.37
Transformer Side 2a	TRSide2a	452780.9	4774651	234.69	0	84.9	84.9	642.26	500	0	0	67.15	0.03	8.62	1.24	0	0	0	0	7.87	7.87
Transformer Side 2a	TRSide2a	452780.9	4774651	234.69	0	82.1	82.1	642.26	1000	0	0	67.15	-1.43	11.03	2.35	0	0	0	0	3.01	3.01
Transformer Side 2a	TRSide2a	452780.9	4774651	234.69	0	78.3	78.3	642.26	2000	0	0	67.15	-1.53	13.67	6.21	0	0	0	0	-7.2	-7.2
Transformer Side 2a	TRSide2a	452780.9	4774651	234.69	0	73.1	73.1	642.26	4000	0	0	67.15	-1.53	16.48	21.05	0	0	0	0	-30.05	-30.05
Transformer Side 2a	TRSide2a	452780.9	4774651	234.69	0	64	64	642.26	8000	0	0	67.15	-1.53	19.18	75.07	0	0	0	0	-95.87	-95.87
Transformer Side 2a	TRSide2a	452775.4	4774652	235.1	0	45.7	45.7	638.87	32	0	0	67.11	-5.08	2.06	0.02	0	0	0	0	-18.4	-18.4
Transformer Side 2a	TRSide2a	452775.4	4774652	235.1	0	64.9	64.9	638.87	63	0	0	67.11	-5.08	2.56	0.08	0	0	0	0	0.25	0.25
Transformer Side 2a	TRSide2a	452775.4	4774652	235.1	0	77	77	638.87	125	0	0	67.11	3.56	1.31	0.26	0	0	0	0	4.77	4.77
Transformer Side 2a	TRSide2a	452775.4	4774652	235.1	0	79.5	79.5	638.87	250	0	0	67.11	3.65	2.49	0.67	0	0	0	0	5.6	5.6
Transformer Side 2a	TRSide2a	452775.4	4774652	235.1	0	84.9	84.9	638.87	500	0	0	67.11	0.03	6.18	1.23	0	0	0	0	10.36	10.36
Transformer Side 2a	TRSide2a	452775.4	4774652	235.1	0	82.1	82.1	638.87	1000	0	0	67.11	-1.43	8.33	2.34	0	0	0	0	5.76	5.76
Transformer Side 2a	TRSide2a	452775.4	4774652	235.1	0	78.3	78.3	638.87	2000	0	0	67.11	-1.53	10.83	6.17	0	0	0	0	-4.28	-4.28
Transformer Side 2a	TRSide2a	452775.4	4774652	235.1	0	73.1	73.1	638.87	4000	0	0	67.11	-1.53	13.56	20.94	0	0	0	0	-26.97	-26.97
Transformer Side 2a	TRSide2a	452775.4	4774652	235.1	0	64	64	638.87	8000	0	0	67.11	-1.53	16.29	74.67	0	0	0	0	-92.54	-92.54
Transformer Side 2a	TRSide2a	452772.2	4774653	235.35	0	37.9	37.9	636.91	32	0	0	67.08	-5.08	0	0.02	0	0	0	0	-24.08	-24.08
Transformer Side 2a	TRSide2a	452772.2	4774653	235.35	0	57.1	57.1	636.91	63	0	0	67.08	-5.08	0	0.08	0	0	0	0	-4.94	-4.94
Transformer Side 2a	TRSide2a	452772.2	4774653	235.35	0	69.2	69.2	636.91	125	0	0	67.08	3.55	0	0.26	0	0	0	0	-1.66	-1.66
Transformer Side 2a	TRSide2a	452772.2	4774653	235.35	0	71.7	71.7	636.91	250	0	0	67.08	3.65	0	0.66	0	0	0	0	0.34	0.34
Transformer Side 2a	TRSide2a	452772.2	4774653	235.35	0	77.1	77.1	636.91	500	0	0	67.08	0.03	0	1.23	0	0	0	0	8.8	8.8
Transformer Side 2a	TRSide2a	452772.2	4774653	235.35	0	74.3	74.3	636.91	1000	0	0	67.08	-1.43	0	2.33	0	0	0	0	6.36	6.36
Transformer Side 2a	TRSide2a	452772.2	4774653	235.35	0	70.5	70.5	636.91	2000	0	0	67.08	-1.52	0	6.16	0	0	0	0	-1.17	-1.17
Transformer Side 2a	TRSide2a	452772.2	4774653	235.35	0	65.3	65.3	636.91	4000	0	0	67.08	-1.52	0	20.87	0	0	0	0	-21.09	-21.09
Transformer Side 2a	TRSide2a	452772.2	4774653	235.35	0	56.2	56.2	636.91	8000	0	0	67.08	-1.52	0	74.44	0	0	0	0	-83.76	-83.76
Transformer Side 2a	TRSide2a	452780.9	4774651	235.69	0	45.7	45.7	642.24	32	0	0	67.15	-4.95	2.6	0.02	0	0	0	0	-19.12	-19.12
Transformer Side 2a	TRSide2a	452780.9	4774651	235.69	0	64.9	64.9	642.24	63	0	0	67.15	-4.95	3.4	0.08	0	0	0	0	-0.78	-0.78
Transformer Side 2a	TRSide2a	452780.9	4774651	235.69	0	77	77	642.24	125	0	0	67.15	3.51	1.55	0.26	0	0	0	0	4.53	4.53
Transformer Side 2a	TRSide2a	452780.9	4774651	235.69	0	79.5	79.5	642.24	250	0	0	67.15	2.17	3.72	0.67	0	0	0	0	5.8	5.8
Transformer Side 2a	TRSide2a	452780.9	4774651	235.69	0	84.9	84.9	642.24	500	0	0	67.15	-1.33	7.02	1.24	0	0	0	0	10.82	10.82
Transformer Side 2a	TRSide2a	452780.9	4774651	235.69	0	82.1	82.1	642.24	1000	0	0	67.15	-1.48	8.92	2.35	0	0	0	0	5.17	5.17
Transformer Side 2a	TRSide2a	452780.9	4774651	235.69	0	78.3	78.3	642.24	2000	0	0	67.15	-1.48	11.22	6.21	0	0	0	0	-4.78	-4.78
Transformer Side 2a	TRSide2a	452780.9	4774651	235.69	0	73.1	73.1	642.24	4000	0	0	67.15	-1.48	13.81	21.05	0	0	0	0	-27.41	-27.41
Transformer Side 2a	TRSide2a	452780.9	4774651	235.69	0	64	64	642.24	8000	0	0	67.15	-1.48	16.59	75.07	0	0	0	0	-93.31	-93.31
Transformer Side 2a	TRSide2a	452775.4	4774652	236.1	0	45.7	45.7	638.86	32	0	0	67.11	-4.94	1.92	0.02	0	0	0	0	-18.4	-18.4
Transformer Side 2a	TRSide2a	452775.4	4774652	236.1	0	64.9	64.9	638.86	63	0	0	67.11	-4.94	2.3	0.08	0	0	0	0	0.37	0.37
Transformer Side 2a	TRSide2a	452775.4	4774652	236.1	0	77	77	638.86	125	0	0	67.11	3.5	0.72	0.26	0	0	0	0	5.41	5.41
Transformer Side 2a	TRSide2a	452775.4	4774652	236.1	0	79.5	79.5	638.86	250	0	0	67.11	2.17	2.52	0.67	0	0	0	0	7.05	7.05
Transformer Side 2a	TRSide2a	452775.4	4774652	236.1	0	84.9	84.9	638.86	500	0	0	67.11	-1.33	5.2	1.23	0	0	0	0	12.69	12.69
Transformer Side 2a	TRSide2a	452775.4	4774652	236.1	0	82.1	82.1	638.86	1000	0	0	67.11	-1.48	7.09	2.34	0	0	0	0	7.06	7.06
Transformer Side 2a	TRSide2a	452775.4	4774652	236.1	0	78.3	78.3	638.86	2000	0	0	67.11	-1.48	9.4	6.17	0	0	0	0	-2.89	

Transformer Side 2a	TRSide2a	452780.9	4774651	237.69	0	64.9	64.9	642.22	63	0	0	67.15	-4.67	3.26	0.08	0	0	0	0	-0.91	-0.91
Transformer Side 2a	TRSide2a	452780.9	4774651	237.69	0	77	77	642.22	125	0	0	67.15	3.47	0.84	0.26	0	0	0	0	5.28	5.28
Transformer Side 2a	TRSide2a	452780.9	4774651	237.69	0	79.5	79.5	642.22	250	0	0	67.15	0.21	4.03	0.67	0	0	0	0	7.45	7.45
Transformer Side 2a	TRSide2a	452780.9	4774651	237.69	0	84.9	84.9	642.22	500	0	0	67.15	-1.4	4.55	1.24	0	0	0	0	13.36	13.36
Transformer Side 2a	TRSide2a	452780.9	4774651	237.69	0	82.1	82.1	642.22	1000	0	0	67.15	-1.4	4.85	2.35	0	0	0	0	9.15	9.15
Transformer Side 2a	TRSide2a	452780.9	4774651	237.69	0	78.3	78.3	642.22	2000	0	0	67.15	-1.4	5.21	6.21	0	0	0	0	1.14	1.14
Transformer Side 2a	TRSide2a	452780.9	4774651	237.69	0	73.1	73.1	642.22	4000	0	0	67.15	-1.4	5.74	21.05	0	0	0	0	-19.43	-19.43
Transformer Side 2a	TRSide2a	452780.9	4774651	237.69	0	64	64	642.22	8000	0	0	67.15	-1.4	6.6	75.06	0	0	0	0	-83.41	-83.41
Transformer Side 2a	TRSide2a	452775.4	4774652	238.1	0	45.7	45.7	638.83	32	0	0	67.11	-4.66	1.96	0.02	0	0	0	0	-18.71	-18.71
Transformer Side 2a	TRSide2a	452775.4	4774652	238.1	0	64.9	64.9	638.83	63	0	0	67.11	-4.66	2.13	0.08	0	0	0	0	0.26	0.26
Transformer Side 2a	TRSide2a	452775.4	4774652	238.1	0	77	77	638.83	125	0	0	67.11	3.47	0.1	0.26	0	0	0	0	6.07	6.07
Transformer Side 2a	TRSide2a	452775.4	4774652	238.1	0	79.5	79.5	638.83	250	0	0	67.11	0.21	2.72	0.67	0	0	0	0	8.81	8.81
Transformer Side 2a	TRSide2a	452775.4	4774652	238.1	0	84.9	84.9	638.83	500	0	0	67.11	-1.4	3.41	1.23	0	0	0	0	14.55	14.55
Transformer Side 2a	TRSide2a	452775.4	4774652	238.1	0	82.1	82.1	638.83	1000	0	0	67.11	-1.4	4.03	2.34	0	0	0	0	10.03	10.03
Transformer Side 2a	TRSide2a	452775.4	4774652	238.1	0	78.3	78.3	638.83	2000	0	0	67.11	-1.4	4.68	6.17	0	0	0	0	1.75	1.75
Transformer Side 2a	TRSide2a	452775.4	4774652	238.1	0	73.1	73.1	638.83	4000	0	0	67.11	-1.4	5.43	20.93	0	0	0	0	-18.96	-18.96
Transformer Side 2a	TRSide2a	452775.4	4774652	238.1	0	64	64	638.83	8000	0	0	67.11	-1.4	6.43	74.67	0	0	0	0	-82.8	-82.8
Transformer Side 2a	TRSide2a	452772.2	4774653	238.35	0	37.9	37.9	636.87	32	0	0	67.08	-4.66	0	0.02	0	0	0	0	-24.5	-24.5
Transformer Side 2a	TRSide2a	452772.2	4774653	238.35	0	57.1	57.1	636.87	63	0	0	67.08	-4.66	0	0.08	0	0	0	0	-5.36	-5.36
Transformer Side 2a	TRSide2a	452772.2	4774653	238.35	0	69.2	69.2	636.87	125	0	0	67.08	3.46	0	0.26	0	0	0	0	-1.57	-1.57
Transformer Side 2a	TRSide2a	452772.2	4774653	238.35	0	71.7	71.7	636.87	250	0	0	67.08	0.21	0	0.66	0	0	0	0	3.78	3.78
Transformer Side 2a	TRSide2a	452772.2	4774653	238.35	0	77.1	77.1	636.87	500	0	0	67.08	-1.4	0	1.23	0	0	0	0	10.23	10.23
Transformer Side 2a	TRSide2a	452772.2	4774653	238.35	0	74.3	74.3	636.87	1000	0	0	67.08	-1.4	0	2.33	0	0	0	0	6.33	6.33
Transformer Side 2a	TRSide2a	452772.2	4774653	238.35	0	70.5	70.5	636.87	2000	0	0	67.08	-1.4	0	6.15	0	0	0	0	-1.3	-1.3
Transformer Side 2a	TRSide2a	452772.2	4774653	238.35	0	65.3	65.3	636.87	4000	0	0	67.08	-1.4	0	20.87	0	0	0	0	-21.21	-21.21
Transformer Side 2a	TRSide2a	452772.2	4774653	238.35	0	56.2	56.2	636.87	8000	0	0	67.08	-1.4	0	74.44	0	0	0	0	-83.88	-83.88
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	47.4	47.4	609.57	32	0	0	66.7	-4.74	1.93	0.02	0	0	0	0	-16.54	-16.54
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	66.6	66.6	609.57	63	0	0	66.7	-4.74	2.09	0.07	0	0	0	0	2.45	2.45
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	78.7	78.7	609.57	125	0	0	66.7	3.51	0.06	0.25	0	0	0	0	8.15	8.15
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	81.2	81.2	609.57	250	0	0	66.7	0.98	2.18	0.64	0	0	0	0	10.68	10.68
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	86.6	86.6	609.57	500	0	0	66.7	-1.42	3.42	1.18	0	0	0	0	16.69	16.69
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	83.8	83.8	609.57	1000	0	0	66.7	-1.42	4.22	2.23	0	0	0	0	12.04	12.04
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	80	80	609.57	2000	0	0	66.7	-1.42	5.22	5.89	0	0	0	0	3.58	3.58
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	74.8	74.8	609.57	4000	0	0	66.7	-1.42	6.51	19.98	0	0	0	0	-16.99	-16.99
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	65.7	65.7	609.57	8000	0	0	66.7	-1.42	8.19	71.25	0	0	0	0	-79.05	-79.05
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	47.4	47.4	609.56	32	0	0	66.7	-4.6	1.92	0.02	0	0	0	0	-16.67	-16.67
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	66.6	66.6	609.56	63	0	0	66.7	-4.6	2.06	0.07	0	0	0	0	2.33	2.33
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	78.7	78.7	609.56	125	0	0	66.7	3.45	0.03	0.25	0	0	0	0	8.24	8.24
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	81.2	81.2	609.56	250	0	0	66.7	0.23	2.53	0.64	0	0	0	0	11.07	11.07
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	86.6	86.6	609.56	500	0	0	66.7	-1.38	3.16	1.18	0	0	0	0	16.91	16.91
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	83.8	83.8	609.56	1000	0	0	66.7	-1.38	3.66	2.23	0	0	0	0	12.55	12.55
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	80	80	609.56	2000	0	0	66.7	-1.38	4.09	5.89	0	0	0	0	4.67	4.67
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	74.8	74.8	609.56	4000	0	0	66.7	-1.38	4.39	19.98	0	0	0	0	-14.92	-14.92
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	65.7	65.7	609.56	8000	0	0	66.7	-1.38	4.57	71.25	0	0	0	0	-75.47	-75.47
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	47.4	47.4	609.59	32	0	0	66.7	-5.04	2.03	0.02	0	0	0	0	-16.34	-16.34
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	66.6	66.6	609.59	63	0	0	66.7	-5.04	2.46	0.07	0	0	0	0	2.37	2.37
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	78.7	78.7	609.59	125	0	0	66.7	3.46	1.19	0.25	0	0	0	0	7.07	7.07
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	81.2	81.2	609.59	250	0	0	66.7	3.66	2.18	0.64	0	0	0	0	7.99	7.99
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	86.6	86.6	609.59	500	0	0	66.7	0.05	5.74	1.18	0	0	0	0	12.91	12.91
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	83.8	83.8	609.59	1000	0	0	66.7	-1.42	7.79	2.23	0	0	0	0	8.47	8.47
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	80	80	609.59	2000	0	0	66.7	-1.51	10.2	5.89	0	0	0	0	-1.31	-1.31
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	74.8	74.8	609.59	4000	0	0	66.7	-1.51	12.88	19.98	0	0	0	0	-23.28	-23.28
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	65.7	65.7	609.59	8000	0	0	66.7	-1.51	15.71	71.25	0	0	0	0	-86.48	-86.48
Transformer Side 1a	TRSide1a	452729.3	4774660	238	0	47.4	47.4	609.58	32	0	0	66.7	-4.89	2.01	0.02	0	0	0	0	-16.47	-16.47
Transformer Side 1a	TRSide1a	452729.3	4774660	238	0	66.6	66.6	609.58	63	0	0	66.7	-4.89	2.24	0.07	0	0	0	0	2.44	2.44
Transformer Side 1a	TRSide1a	452729.3	4774660	238	0	78.7	78.7	609.58	125	0	0	66.7	3.43	0.53	0.25	0	0	0	0	7.76	7.76
Transformer Side 1a	TRSide1a	452729.3	4774660	238	0	81.2	81.2	609.58	250	0	0	66.7	2.18	2.07	0.64	0	0	0	0	9.58	9.58
Transformer Side 1a	TRSide1a	452729.3	4774660	238	0	86.6	86.6	609.58	500	0	0	66.7	-1.31	4.55	1.18	0	0	0	0	15.45	15.45
Transformer Side 1a	TRSide1a	452729.3	4774660	238	0	83.8	83.8	609.58	1000	0	0	66.7	-1.47	6.2	2.23	0	0	0	0	10.11	10.11
Transformer Side 1a	TRSide1a	452729.3	4774660	238	0	80	80	609.58	2000	0	0	66.7	-1.47	8.3	5.89	0	0	0	0	0.54	0.54
Transformer Side 1a	TRSide1a	452729.3	4774660	238	0	74.8	74.8	609.58	4000	0	0	66.7	-1.47	10.77	19.98	0	0	0	0	-21.21	-21.21
Transformer Side 1a	TRSide1a	452729.3	4774660	238	0	65.7	65.7	609.58	8000	0	0	66.7	-1.47	13.48	71.25	0	0	0	0	-84.29	-84.29
Transformer Side 1b	TRSide1b	452741.3	4774657	239	0	47.4	47.4	616.37	32	0	0	66.8	-4.76	4.8	0.02	0	0	0	0	-19.49	-19.49
Transformer Side 1b	TRSide1b	452741.3	4774657	239	0	66.6	66.6	616.37	63	0	0	66.8	-4.76	4.82	0.08	0	0	0	0	-0.36	-0.36
Transformer Side 1b	TRSide1b	452741.3	4774657	239	0	78.7	78.7														

Transformer Side 1b	TRSide1b	452741.3	4774657	240	0	83.8	83.8	616.36	1000	0	0	66.8	-1.38	4.77	2.25	0	0	0	0	11.33	11.33
Transformer Side 1b	TRSide1b	452741.3	4774657	240	0	80	80	616.36	2000	0	0	66.8	-1.38	4.77	5.96	0	0	0	0	3.83	3.83
Transformer Side 1b	TRSide1b	452741.3	4774657	240	0	74.8	74.8	616.36	4000	0	0	66.8	-1.38	4.77	20.2	0	0	0	0	-15.62	-15.62
Transformer Side 1b	TRSide1b	452741.3	4774657	240	0	65.7	65.7	616.36	8000	0	0	66.8	-1.38	4.77	72.04	0	0	0	0	-76.56	-76.56
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	47.4	47.4	616.39	32	0	0	66.8	-5.05	3.43	0.02	0	0	0	0	-17.82	-17.82
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	66.6	66.6	616.39	63	0	0	66.8	-5.05	4.44	0.08	0	0	0	0	0.31	0.31
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	78.7	78.7	616.39	125	0	0	66.8	3.48	2.56	0.25	0	0	0	0	5.58	5.58
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	81.2	81.2	616.39	250	0	0	66.8	3.66	3.72	0.64	0	0	0	0	6.35	6.35
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	86.6	86.6	616.39	500	0	0	66.8	0.04	8.86	1.19	0	0	0	0	9.68	9.68
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	83.8	83.8	616.39	1000	0	0	66.8	-1.42	11.15	2.25	0	0	0	0	4.99	4.99
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	80	80	616.39	2000	0	0	66.8	-1.52	13.72	5.96	0	0	0	0	-4.99	-4.99
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	74.8	74.8	616.39	4000	0	0	66.8	-1.52	16.48	20.2	0	0	0	0	-27.2	-27.2
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	65.7	65.7	616.39	8000	0	0	66.8	-1.52	19.37	72.04	0	0	0	0	-91.02	-91.02
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	47.4	47.4	616.38	32	0	0	66.8	-4.9	3.22	0.02	0	0	0	0	-17.76	-17.76
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	66.6	66.6	616.38	63	0	0	66.8	-4.9	4	0.08	0	0	0	0	0.6	0.6
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	78.7	78.7	616.38	125	0	0	66.8	3.45	1.65	0.25	0	0	0	0	6.52	6.52
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	81.2	81.2	616.38	250	0	0	66.8	2.18	3.55	0.64	0	0	0	0	8	8
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	86.6	86.6	616.38	500	0	0	66.8	-1.31	6.67	1.19	0	0	0	0	13.23	13.23
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	83.8	83.8	616.38	1000	0	0	66.8	-1.47	8.19	2.25	0	0	0	0	8	8
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	80	80	616.38	2000	0	0	66.8	-1.47	10.17	5.96	0	0	0	0	-1.49	-1.49
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	74.8	74.8	616.38	4000	0	0	66.8	-1.47	12.55	20.2	0	0	0	0	-23.31	-23.31
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	65.7	65.7	616.38	8000	0	0	66.8	-1.47	15.21	72.04	0	0	0	0	-86.91	-86.91
Transformer Side 1a	TRSide1a	452770.9	4774649	237.54	0	46.3	46.3	633.68	32	0	0	67.04	-4.79	1.93	0.02	0	0	0	0	-17.9	-17.9
Transformer Side 1a	TRSide1a	452770.9	4774649	237.54	0	65.5	65.5	633.68	63	0	0	67.04	-4.79	2.1	0.08	0	0	0	0	1.08	1.08
Transformer Side 1a	TRSide1a	452770.9	4774649	237.54	0	77.6	77.6	633.68	125	0	0	67.04	3.54	0.23	0.26	0	0	0	0	6.53	6.53
Transformer Side 1a	TRSide1a	452770.9	4774649	237.54	0	80.1	80.1	633.68	250	0	0	67.04	0.96	2.43	0.66	0	0	0	0	9.02	9.02
Transformer Side 1a	TRSide1a	452770.9	4774649	237.54	0	85.5	85.5	633.68	500	0	0	67.04	-1.43	3.89	1.22	0	0	0	0	14.79	14.79
Transformer Side 1a	TRSide1a	452770.9	4774649	237.54	0	82.7	82.7	633.68	1000	0	0	67.04	-1.44	5.28	2.32	0	0	0	0	9.5	9.5
Transformer Side 1a	TRSide1a	452770.9	4774649	237.54	0	78.9	78.9	633.68	2000	0	0	67.04	-1.44	7.18	6.12	0	0	0	0	0	0
Transformer Side 1a	TRSide1a	452770.9	4774649	237.54	0	73.7	73.7	633.68	4000	0	0	67.04	-1.44	9.49	20.77	0	0	0	0	-22.16	-22.16
Transformer Side 1a	TRSide1a	452770.9	4774649	237.54	0	64.6	64.6	633.68	8000	0	0	67.04	-1.44	12.11	74.07	0	0	0	0	-87.17	-87.17
Transformer Side 1a	TRSide1a	452771.6	4774652	237.41	0	40.7	40.7	636.08	32	0	0	67.07	-4.8	0	0.02	0	0	0	0	-21.55	-21.55
Transformer Side 1a	TRSide1a	452771.6	4774652	237.41	0	59.9	59.9	636.08	63	0	0	67.07	-4.8	0	0.08	0	0	0	0	-2.4	-2.4
Transformer Side 1a	TRSide1a	452771.6	4774652	237.41	0	72	72	636.08	125	0	0	67.07	3.54	0	0.26	0	0	0	0	1.18	1.18
Transformer Side 1a	TRSide1a	452771.6	4774652	237.41	0	74.5	74.5	636.08	250	0	0	67.07	0.96	0	0.66	0	0	0	0	5.85	5.85
Transformer Side 1a	TRSide1a	452771.6	4774652	237.41	0	79.9	79.9	636.08	500	0	0	67.07	-1.43	0	1.23	0	0	0	0	13.08	13.08
Transformer Side 1a	TRSide1a	452771.6	4774652	237.41	0	77.1	77.1	636.08	1000	0	0	67.07	-1.44	0	2.33	0	0	0	0	9.19	9.19
Transformer Side 1a	TRSide1a	452771.6	4774652	237.41	0	73.3	73.3	636.08	2000	0	0	67.07	-1.44	0	6.15	0	0	0	0	1.57	1.57
Transformer Side 1a	TRSide1a	452771.6	4774652	237.41	0	68.1	68.1	636.08	4000	0	0	67.07	-1.44	0	20.84	0	0	0	0	-18.33	-18.33
Transformer Side 1a	TRSide1a	452771.6	4774652	237.41	0	59	59	636.08	8000	0	0	67.07	-1.44	0	74.35	0	0	0	0	-80.93	-80.93
Transformer Side 1a	TRSide1a	452770.9	4774649	238.54	0	46.3	46.3	633.67	32	0	0	67.04	-4.65	1.87	0.02	0	0	0	0	-17.98	-17.98
Transformer Side 1a	TRSide1a	452770.9	4774649	238.54	0	65.5	65.5	633.67	63	0	0	67.04	-4.65	1.97	0.08	0	0	0	0	1.06	1.06
Transformer Side 1a	TRSide1a	452770.9	4774649	238.54	0	77.6	77.6	633.67	125	0	0	67.04	3.46	0	0.26	0	0	0	0	6.84	6.84
Transformer Side 1a	TRSide1a	452770.9	4774649	238.54	0	80.1	80.1	633.67	250	0	0	67.04	0.21	2.36	0.66	0	0	0	0	9.84	9.84
Transformer Side 1a	TRSide1a	452770.9	4774649	238.54	0	85.5	85.5	633.67	500	0	0	67.04	-1.39	2.97	1.22	0	0	0	0	15.67	15.67
Transformer Side 1a	TRSide1a	452770.9	4774649	238.54	0	82.7	82.7	633.67	1000	0	0	67.04	-1.4	3.62	2.32	0	0	0	0	11.12	11.12
Transformer Side 1a	TRSide1a	452770.9	4774649	238.54	0	78.9	78.9	633.67	2000	0	0	67.04	-1.4	4.43	6.12	0	0	0	0	2.71	2.71
Transformer Side 1a	TRSide1a	452770.9	4774649	238.54	0	73.7	73.7	633.67	4000	0	0	67.04	-1.4	5.41	20.77	0	0	0	0	-18.12	-18.12
Transformer Side 1a	TRSide1a	452770.9	4774649	238.54	0	64.6	64.6	633.67	8000	0	0	67.04	-1.4	6.68	74.06	0	0	0	0	-81.79	-81.79
Transformer Side 1a	TRSide1a	452771.6	4774652	238.41	0	40.7	40.7	636.07	32	0	0	67.07	-4.66	0	0.02	0	0	0	0	-21.69	-21.69
Transformer Side 1a	TRSide1a	452771.6	4774652	238.41	0	59.9	59.9	636.07	63	0	0	67.07	-4.66	0	0.08	0	0	0	0	-2.55	-2.55
Transformer Side 1a	TRSide1a	452771.6	4774652	238.41	0	72	72	636.07	125	0	0	67.07	3.46	0	0.26	0	0	0	0	1.25	1.25
Transformer Side 1a	TRSide1a	452771.6	4774652	238.41	0	74.5	74.5	636.07	250	0	0	67.07	0.21	0	0.66	0	0	0	0	6.6	6.6
Transformer Side 1a	TRSide1a	452771.6	4774652	238.41	0	79.9	79.9	636.07	500	0	0	67.07	-1.4	0	1.23	0	0	0	0	13.05	13.05
Transformer Side 1a	TRSide1a	452771.6	4774652	238.41	0	77.1	77.1	636.07	1000	0	0	67.07	-1.4	0	2.33	0	0	0	0	9.15	9.15
Transformer Side 1a	TRSide1a	452771.6	4774652	238.41	0	73.3	73.3	636.07	2000	0	0	67.07	-1.4	0	6.15	0	0	0	0	1.53	1.53
Transformer Side 1a	TRSide1a	452771.6	4774652	238.41	0	68.1	68.1	636.07	4000	0	0	67.07	-1.4	0	20.84	0	0	0	0	-18.37	-18.37
Transformer Side 1a	TRSide1a	452771.6	4774652	238.41	0	59	59	636.07	8000	0	0	67.07	-1.4	0	74.34	0	0	0	0	-80.97	-80.97
Transformer Side 1a	TRSide1a	452770.9	4774649	236.54	0	46.3	46.3	633.69	32	0	0	67.04	-4.93	1.95	0.02	0	0	0	0	-17.77	-17.77
Transformer Side 1a	TRSide1a	452770.9	4774649	236.54	0	65.5	65.5	633.69	63	0	0	67.04	-4.93	2.29	0.08	0	0	0	0	1.03	1.03
Transformer Side 1a	TRSide1a	452770.9	4774649	236.54	0	77.6	77.6	633.69	125	0	0	67.04	3.49	0.9	0.26	0	0	0	0	5.92	5.92
Transformer Side 1a	TRSide1a	452770.9	4774649	236.54	0	80.1	80.1	633.69	250	0	0	67.04	2.17	2.63	0.66	0	0	0	0	7.6	7.6
Transformer Side 1a	TRSide1a	452770.9	4774649	236.54	0	85.5	85.5	633.69	500	0	0	67.04	-1.32	5.01	1.22	0	0	0	0	13.55	13.55
Transformer Side 1a	TRSide1a	452770.9	4774649	236.54	0	82.7	82.7	633.69	1000	0	0	67.04	-1.48	6.8	2.32	0	0	0	0	8.03	8.03
Transformer Side 1a	TRSide1a	452770.9	4774649	236.54	0	78.9	78.9	633.69	2000	0	0	67.04	-1.48								



Transformer Side 1a	TRSide1a	452770.9	4774649	235.54	0	46.3	46.3	633.71	32	0	0	67.04	-5.08	2.14	0.02	0	0	0	0	-17.82	-17.82
Transformer Side 1a	TRSide1a	452770.9	4774649	235.54	0	65.5	65.5	633.71	63	0	0	67.04	-5.08	2.63	0.08	0	0	0	0	0.83	0.83
Transformer Side 1a	TRSide1a	452770.9	4774649	235.54	0	77.6	77.6	633.71	125	0	0	67.04	3.54	1.62	0.26	0	0	0	0	5.14	5.14
Transformer Side 1a	TRSide1a	452770.9	4774649	235.54	0	80.1	80.1	633.71	250	0	0	67.04	3.65	2.79	0.66	0	0	0	0	5.96	5.96
Transformer Side 1a	TRSide1a	452770.9	4774649	235.54	0	85.5	85.5	633.71	500	0	0	67.04	0.03	5.79	1.22	0	0	0	0	11.42	11.42
Transformer Side 1a	TRSide1a	452770.9	4774649	235.54	0	82.7	82.7	633.71	1000	0	0	67.04	-1.43	7.63	2.32	0	0	0	0	7.14	7.14
Transformer Side 1a	TRSide1a	452770.9	4774649	235.54	0	78.9	78.9	633.71	2000	0	0	67.04	-1.52	9.86	6.12	0	0	0	0	-2.59	-2.59
Transformer Side 1a	TRSide1a	452770.9	4774649	235.54	0	73.7	73.7	633.71	4000	0	0	67.04	-1.52	12.39	20.77	0	0	0	0	-24.97	-24.97
Transformer Side 1a	TRSide1a	452770.9	4774649	235.54	0	64.6	64.6	633.71	8000	0	0	67.04	-1.52	14.6	74.07	0	0	0	0	-89.58	-89.58
Transformer Side 1a	TRSide1a	452771.6	4774652	235.41	0	40.7	40.7	636.1	32	0	0	67.07	-5.08	0	0.02	0	0	0	0	-21.26	-21.26
Transformer Side 1a	TRSide1a	452771.6	4774652	235.41	0	59.9	59.9	636.1	63	0	0	67.07	-5.08	0	0.08	0	0	0	0	-2.12	-2.12
Transformer Side 1a	TRSide1a	452771.6	4774652	235.41	0	72	72	636.1	125	0	0	67.07	3.55	0	0.26	0	0	0	0	1.16	1.16
Transformer Side 1a	TRSide1a	452771.6	4774652	235.41	0	74.5	74.5	636.1	250	0	0	67.07	3.65	0	0.66	0	0	0	0	3.16	3.16
Transformer Side 1a	TRSide1a	452771.6	4774652	235.41	0	79.9	79.9	636.1	500	0	0	67.07	0.03	0	1.23	0	0	0	0	11.62	11.62
Transformer Side 1a	TRSide1a	452771.6	4774652	235.41	0	77.1	77.1	636.1	1000	0	0	67.07	-1.43	0	2.33	0	0	0	0	9.18	9.18
Transformer Side 1a	TRSide1a	452771.6	4774652	235.41	0	73.3	73.3	636.1	2000	0	0	67.07	-1.52	0	6.15	0	0	0	0	1.65	1.65
Transformer Side 1a	TRSide1a	452771.6	4774652	235.41	0	68.1	68.1	636.1	4000	0	0	67.07	-1.52	0	20.85	0	0	0	0	-18.25	-18.25
Transformer Side 1a	TRSide1a	452771.6	4774652	235.41	0	59	59	636.1	8000	0	0	67.07	-1.52	0	74.35	0	0	0	0	-80.85	-80.85
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	47.4	47.4	641.57	32	0	0	67.14	-4.81	3.04	0.02	0	0	0	0	-18.03	-18.03
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	66.6	66.6	641.57	63	0	0	67.14	-4.81	3.79	0.08	0	0	0	0	0.36	0.36
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	78.7	78.7	641.57	125	0	0	67.14	3.55	1.33	0.26	0	0	0	0	6.38	6.38
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	81.2	81.2	641.57	250	0	0	67.14	0.96	4.31	0.67	0	0	0	0	8.09	8.09
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	86.6	86.6	641.57	500	0	0	67.14	-1.44	6.07	1.24	0	0	0	0	13.55	13.55
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	83.8	83.8	641.57	1000	0	0	67.14	-1.44	7.32	2.35	0	0	0	0	8.4	8.4
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	80	80	641.57	2000	0	0	67.14	-1.44	9.03	6.2	0	0	0	0	-0.96	-0.96
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	74.8	74.8	641.57	4000	0	0	67.14	-1.44	11.19	21.02	0	0	0	0	-23.15	-23.15
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	65.7	65.7	641.57	8000	0	0	67.14	-1.44	13.7	74.99	0	0	0	0	-88.73	-88.73
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	47.4	47.4	641.58	32	0	0	67.15	-4.95	3.21	0.02	0	0	0	0	-18.06	-18.06
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	66.6	66.6	641.58	63	0	0	67.15	-4.95	4.16	0.08	0	0	0	0	0.14	0.14
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	78.7	78.7	641.58	125	0	0	67.15	3.51	2.17	0.26	0	0	0	0	5.58	5.58
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	81.2	81.2	641.58	250	0	0	67.15	2.17	4.56	0.67	0	0	0	0	6.62	6.62
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	86.6	86.6	641.58	500	0	0	67.15	-1.33	8.17	1.24	0	0	0	0	11.34	11.34
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	83.8	83.8	641.58	1000	0	0	67.15	-1.48	10.27	2.35	0	0	0	0	5.49	5.49
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	80	80	641.58	2000	0	0	67.15	-1.48	12.72	6.2	0	0	0	0	-4.62	-4.62
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	74.8	74.8	641.58	4000	0	0	67.15	-1.48	15.42	21.02	0	0	0	0	-27.34	-27.34
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	65.7	65.7	641.58	8000	0	0	67.15	-1.48	18.27	74.99	0	0	0	0	-93.25	-93.25
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	47.4	47.4	641.6	32	0	0	67.15	-5.09	3.46	0.02	0	0	0	0	-18.17	-18.17
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	66.6	66.6	641.6	63	0	0	67.15	-5.09	4.66	0.08	0	0	0	0	-0.23	-0.23
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	78.7	78.7	641.6	125	0	0	67.15	3.57	3.14	0.26	0	0	0	0	4.55	4.55
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	81.2	81.2	641.6	250	0	0	67.15	3.65	4.77	0.67	0	0	0	0	4.94	4.94
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	86.6	86.6	641.6	500	0	0	67.15	0.03	10.1	1.24	0	0	0	0	8.05	8.05
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	83.8	83.8	641.6	1000	0	0	67.15	-1.43	12.65	2.35	0	0	0	0	3.06	3.06
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	80	80	641.6	2000	0	0	67.15	-1.53	15.38	6.2	0	0	0	0	-7.23	-7.23
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	74.8	74.8	641.6	4000	0	0	67.15	-1.53	18.25	21.03	0	0	0	0	-30.12	-30.12
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	65.7	65.7	641.6	8000	0	0	67.15	-1.53	19.59	74.99	0	0	0	0	-94.53	-94.53
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	47.4	47.4	641.56	32	0	0	67.14	-4.67	4.78	0.02	0	0	0	0	-19.91	-19.91
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	66.6	66.6	641.56	63	0	0	67.14	-4.67	4.79	0.08	0	0	0	0	-0.78	-0.78
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	78.7	78.7	641.56	125	0	0	67.14	3.47	1.35	0.26	0	0	0	0	6.44	6.44
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	81.2	81.2	641.56	250	0	0	67.14	0.21	4.65	0.67	0	0	0	0	8.49	8.49
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	86.6	86.6	641.56	500	0	0	67.14	-1.4	4.95	1.24	0	0	0	0	14.64	14.64
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	83.8	83.8	641.56	1000	0	0	67.14	-1.4	5.12	2.35	0	0	0	0	10.56	10.56
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	80	80	641.56	2000	0	0	67.14	-1.4	5.43	6.2	0	0	0	0	2.59	2.59
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	74.8	74.8	641.56	4000	0	0	67.14	-1.4	6.01	21.02	0	0	0	0	-18.01	-18.01
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	65.7	65.7	641.56	8000	0	0	67.14	-1.4	6.97	74.99	0	0	0	0	-82.03	-82.03
Transformer Side 2b	TRSide2b	452731.6	4774656	236.25	0	43	43	608.79	32	0	0	66.69	-5.15	3.6	0.02	0	0	0	0	-22.11	-22.11
Transformer Side 2b	TRSide2b	452731.6	4774656	236.25	0	62.2	62.2	608.79	63	0	0	66.69	-5.15	4.99	0.07	0	0	0	0	-4.36	-4.36
Transformer Side 2b	TRSide2b	452731.6	4774656	236.25	0	74.3	74.3	608.79	125	0	0	66.69	3.54	4.27	0.25	0	0	0	0	-0.4	-0.4
Transformer Side 2b	TRSide2b	452731.6	4774656	236.25	0	76.8	76.8	608.79	250	0	0	66.69	4.66	5.5	0.64	0	0	0	0	-0.64	-0.64
Transformer Side 2b	TRSide2b	452731.6	4774656	236.25	0	82.2	82.2	608.79	500	0	0	66.69	3.23	9.18	1.17	0	0	0	0	1.97	1.97
Transformer Side 2b	TRSide2b	452731.6	4774656	236.25	0	79.4	79.4	608.79	1000	0	0	66.69	-0.69	14.34	2.23	0	0	0	0	-3.12	-3.12
Transformer Side 2b	TRSide2b	452731.6	4774656	236.25	0	75.6	75.6	608.79	2000	0	0	66.69	-1.54	17.21	5.88	0	0	0	0	-12.59	-12.59
Transformer Side 2b	TRSide2b	452731.6	4774656	236.25	0	70.4	70.4	608.79	4000	0	0	66.69	-1.54	18.85	19.95	0	0	0	0	-33.5	-33.5
Transformer Side 2b	TRSide2b	452731.6	4774656	236.25	0	61.3	61.3	608.79	8000	0	0	66.69	-1.54	19.38	71.16	0	0	0	0	-94.34	-94.34
Transformer Side 2b	TRSide2b	452737.6	4774655	236.25	0	43	43	612.21	32	0	0	66.74	-5.15	4.24	0.02	0	0	0	0	-22.8	-22.8

Transformer Side 2a	TRSide2a	452736	4774661	236.25	0	85.3	85.3	615.46	500	0	0	66.78	3.23	5.47	1.19	0	0	0	0	8.59	8.59
Transformer Side 2a	TRSide2a	452736	4774661	236.25	0	82.5	82.5	615.46	1000	0	0	66.78	-0.69	10.37	2.25	0	0	0	0	3.74	3.74
Transformer Side 2a	TRSide2a	452736	4774661	236.25	0	78.7	78.7	615.46	2000	0	0	66.78	-1.55	12.99	5.95	0	0	0	0	-5.51	-5.51
Transformer Side 2a	TRSide2a	452736	4774661	236.25	0	73.5	73.5	615.46	4000	0	0	66.78	-1.55	15.78	20.17	0	0	0	0	-27.73	-27.73
Transformer Side 2a	TRSide2a	452736	4774661	236.25	0	64.4	64.4	615.46	8000	0	0	66.78	-1.55	18.68	71.94	0	0	0	0	-91.49	-91.49
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	46.1	46.1	635.52	32	0	0	67.06	-5.19	4.77	0.02	0	0	0	0	-20.61	-20.61
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	65.3	65.3	635.52	63	0	0	67.06	-5.19	5.53	0.08	0	0	0	0	-2.22	-2.22
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	77.4	77.4	635.52	125	0	0	67.06	3.65	4.79	0.26	0	0	0	0	1.59	1.59
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	79.9	79.9	635.52	250	0	0	67.06	4.65	6.22	0.66	0	0	0	0	1.27	1.27
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	85.3	85.3	635.52	500	0	0	67.06	3.22	9.99	1.23	0	0	0	0	3.76	3.76
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	82.5	82.5	635.52	1000	0	0	67.06	-0.7	15.24	2.32	0	0	0	0	-1.47	-1.47
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	78.7	78.7	635.52	2000	0	0	67.06	-1.56	18.14	6.14	0	0	0	0	-11.13	-11.13
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	73.5	73.5	635.52	4000	0	0	67.06	-1.56	19.1	20.83	0	0	0	0	-31.98	-31.98
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	64.4	64.4	635.52	8000	0	0	67.06	-1.56	19.53	74.28	0	0	0	0	-94.96	-94.96
Transformer Side 2a	TRSide2a	452778.1	4774651	234.15	0	45.7	45.7	640.57	32	0	0	67.13	-5.19	4.77	0.02	0	0	0	0	-21.03	-21.03
Transformer Side 2a	TRSide2a	452778.1	4774651	234.15	0	64.9	64.9	640.57	63	0	0	67.13	-5.19	4.78	0.08	0	0	0	0	-1.89	-1.89
Transformer Side 2a	TRSide2a	452778.1	4774651	234.15	0	77	77	640.57	125	0	0	67.13	3.68	2.42	0.26	0	0	0	0	3.52	3.52
Transformer Side 2a	TRSide2a	452778.1	4774651	234.15	0	79.5	79.5	640.57	250	0	0	67.13	4.65	3.4	0.67	0	0	0	0	3.67	3.67
Transformer Side 2a	TRSide2a	452778.1	4774651	234.15	0	84.9	84.9	640.57	500	0	0	67.13	3.22	6.67	1.23	0	0	0	0	6.65	6.65
Transformer Side 2a	TRSide2a	452778.1	4774651	234.15	0	82.1	82.1	640.57	1000	0	0	67.13	-0.7	11.38	2.34	0	0	0	0	1.95	1.95
Transformer Side 2a	TRSide2a	452778.1	4774651	234.15	0	78.3	78.3	640.57	2000	0	0	67.13	-1.56	14.15	6.19	0	0	0	0	-7.6	-7.6
Transformer Side 2a	TRSide2a	452778.1	4774651	234.15	0	73.1	73.1	640.57	4000	0	0	67.13	-1.56	17.03	20.99	0	0	0	0	-30.48	-30.48
Transformer Side 2a	TRSide2a	452778.1	4774651	234.15	0	64	64	640.57	8000	0	0	67.13	-1.56	18.55	74.87	0	0	0	0	-94.98	-94.98
Transformer Side 2a	TRSide2a	452772.2	4774653	234.6	0	34.9	34.9	636.92	32	0	0	67.08	-5.19	4.77	0.02	0	0	0	0	-31.76	-31.76
Transformer Side 2a	TRSide2a	452772.2	4774653	234.6	0	54.1	54.1	636.92	63	0	0	67.08	-5.19	4.77	0.08	0	0	0	0	-12.61	-12.61
Transformer Side 2a	TRSide2a	452772.2	4774653	234.6	0	66.2	66.2	636.92	125	0	0	67.08	3.66	1.11	0.26	0	0	0	0	-5.89	-5.89
Transformer Side 2a	TRSide2a	452772.2	4774653	234.6	0	68.7	68.7	636.92	250	0	0	67.08	4.65	0.12	0.66	0	0	0	0	-3.79	-3.79
Transformer Side 2a	TRSide2a	452772.2	4774653	234.6	0	74.1	74.1	636.92	500	0	0	67.08	3.22	1.55	1.23	0	0	0	0	1.05	1.05
Transformer Side 2a	TRSide2a	452772.2	4774653	234.6	0	71.3	71.3	636.92	1000	0	0	67.08	-0.7	4.77	2.33	0	0	0	0	-2.16	-2.16
Transformer Side 2a	TRSide2a	452772.2	4774653	234.6	0	67.5	67.5	636.92	2000	0	0	67.08	-1.56	4.77	6.16	0	0	0	0	-8.92	-8.92
Transformer Side 2a	TRSide2a	452772.2	4774653	234.6	0	62.3	62.3	636.92	4000	0	0	67.08	-1.56	4.77	20.87	0	0	0	0	-28.84	-28.84
Transformer Side 2a	TRSide2a	452772.2	4774653	234.6	0	53.2	53.2	636.92	8000	0	0	67.08	-1.56	4.77	74.44	0	0	0	0	-91.51	-91.51
Transformer Side 1a	TRSide1a	452729.3	4774660	236.25	0	44.4	44.4	609.6	32	0	0	66.7	-5.15	2.18	0.02	0	0	0	0	-19.4	-19.4
Transformer Side 1a	TRSide1a	452729.3	4774660	236.25	0	63.6	63.6	609.6	63	0	0	66.7	-5.15	2.72	0.07	0	0	0	0	-0.79	-0.79
Transformer Side 1a	TRSide1a	452729.3	4774660	236.25	0	75.7	75.7	609.6	125	0	0	66.7	3.54	1.72	0.25	0	0	0	0	3.45	3.45
Transformer Side 1a	TRSide1a	452729.3	4774660	236.25	0	78.2	78.2	609.6	250	0	0	66.7	4.66	2.39	0.64	0	0	0	0	3.77	3.77
Transformer Side 1a	TRSide1a	452729.3	4774660	236.25	0	83.6	83.6	609.6	500	0	0	66.7	3.23	5.03	1.18	0	0	0	0	7.42	7.42
Transformer Side 1a	TRSide1a	452729.3	4774660	236.25	0	80.8	80.8	609.6	1000	0	0	66.7	-0.69	8.5	2.23	0	0	0	0	4.01	4.01
Transformer Side 1a	TRSide1a	452729.3	4774660	236.25	0	77	77	609.6	2000	0	0	66.7	-1.55	10.95	5.89	0	0	0	0	-5.04	-5.04
Transformer Side 1a	TRSide1a	452729.3	4774660	236.25	0	71.8	71.8	609.6	4000	0	0	66.7	-1.55	13.64	19.98	0	0	0	0	-27.02	-27.02
Transformer Side 1a	TRSide1a	452729.3	4774660	236.25	0	62.7	62.7	609.6	8000	0	0	66.7	-1.55	15.8	71.25	0	0	0	0	-89.55	-89.55
Transformer Side 1b	TRSide1b	452741.3	4774657	236.25	0	44.4	44.4	616.4	32	0	0	66.8	-5.16	3.64	0.02	0	0	0	0	-20.93	-20.93
Transformer Side 1b	TRSide1b	452741.3	4774657	236.25	0	63.6	63.6	616.4	63	0	0	66.8	-5.16	4.86	0.08	0	0	0	0	-3.01	-3.01
Transformer Side 1b	TRSide1b	452741.3	4774657	236.25	0	75.7	75.7	616.4	125	0	0	66.8	3.57	3.3	0.25	0	0	0	0	1.73	1.73
Transformer Side 1b	TRSide1b	452741.3	4774657	236.25	0	78.2	78.2	616.4	250	0	0	66.8	4.66	4.02	0.64	0	0	0	0	2.04	2.04
Transformer Side 1b	TRSide1b	452741.3	4774657	236.25	0	83.6	83.6	616.4	500	0	0	66.8	3.23	7.5	1.19	0	0	0	0	4.85	4.85
Transformer Side 1b	TRSide1b	452741.3	4774657	236.25	0	80.8	80.8	616.4	1000	0	0	66.8	-0.69	12.92	2.25	0	0	0	0	-0.52	-0.52
Transformer Side 1b	TRSide1b	452741.3	4774657	236.25	0	77	77	616.4	2000	0	0	66.8	-1.55	15.67	5.96	0	0	0	0	-9.91	-9.91
Transformer Side 1b	TRSide1b	452741.3	4774657	236.25	0	71.8	71.8	616.4	4000	0	0	66.8	-1.55	18.54	20.2	0	0	0	0	-32.23	-32.23
Transformer Side 1b	TRSide1b	452741.3	4774657	236.25	0	62.7	62.7	616.4	8000	0	0	66.8	-1.55	19.65	72.05	0	0	0	0	-94.29	-94.29
Transformer Side 1a	TRSide1a	452770.9	4774649	234.79	0	43.3	43.3	633.72	32	0	0	67.04	-5.18	2.31	0.02	0	0	0	0	-20.9	-20.9
Transformer Side 1a	TRSide1a	452770.9	4774649	234.79	0	62.5	62.5	633.72	63	0	0	67.04	-5.18	2.89	0.08	0	0	0	0	-2.33	-2.33
Transformer Side 1a	TRSide1a	452770.9	4774649	234.79	0	74.6	74.6	633.72	125	0	0	67.04	3.65	2.09	0.26	0	0	0	0	1.55	1.55
Transformer Side 1a	TRSide1a	452770.9	4774649	234.79	0	77.1	77.1	633.72	250	0	0	67.04	4.65	2.92	0.66	0	0	0	0	1.82	1.82
Transformer Side 1a	TRSide1a	452770.9	4774649	234.79	0	82.5	82.5	633.72	500	0	0	67.04	3.22	5.23	1.22	0	0	0	0	5.78	5.78
Transformer Side 1a	TRSide1a	452770.9	4774649	234.79	0	79.7	79.7	633.72	1000	0	0	67.04	-0.7	7.98	2.32	0	0	0	0	3.05	3.05
Transformer Side 1a	TRSide1a	452770.9	4774649	234.79	0	75.9	75.9	633.72	2000	0	0	67.04	-1.55	10.18	6.12	0	0	0	0	-5.89	-5.89
Transformer Side 1a	TRSide1a	452770.9	4774649	234.79	0	70.7	70.7	633.72	4000	0	0	67.04	-1.55	12.52	20.77	0	0	0	0	-28.08	-28.08
Transformer Side 1a	TRSide1a	452770.9	4774649	234.79	0	61.6	61.6	633.72	8000	0	0	67.04	-1.55	14.6	74.07	0	0	0	0	-92.56	-92.56
Transformer Side 1a	TRSide1a	452771.6	4774652	234.66	0	37.7	37.7	636.11	32	0	0	67.07	-5.19	4.77	0.02	0	0	0	0	-28.94	-28.94
Transformer Side 1a	TRSide1a	452771.6	4774652	234.66	0	56.9	56.9	636.11	63	0	0	67.07	-5.19	4.77	0.08	0	0	0	0	-9.8	-9.8
Transformer Side 1a	TRSide1a	452771.6	4774652	234.66	0	69	69	636.11	125	0	0	67.07	3.66	1.11	0.26	0	0	0	0	-3.07	-3.07
Transformer Side 1a	TRSide1a	452771.6	4774652	234.66	0	71.5	71.5	636.11	250	0	0	67.07	4.65	0.12	0.66	0	0	0	0	-0.97	-0.97
Transformer Side 1a	TRSide1a	452771.6	4774652	234.66	0	76.9	76.9	636.11	500	0	0	67.07	3.								

Transformer Side 1b	TRSide1b	452783	4774647	233.86	0	62.7	62.7	641.61	8000	0	0	67.15	-1.56	19.59	74.99	0	0	0	0	-97.51	-97.51	
Limit. Value D/N:	40	40																				
Level D/N:	37.4671	0																				

Berechnung, Ende: 19.09.12 12:24:54 (1 s)

Receiver: -  
ID: 2  
X: 452732  
Y: 4773916  
Z: 237.17  
Ground: 232.67

ISO	Bezeichnung	ID	X	Y	Z	RefIOrd	LxT	LxN	Dist.	Freq	KOb	Dc	Adiv	Agr	Abar	Aatm	Afol	Ahous	Cmet	RL	LtotT	LtotN
	Top of west transformer	TRTOP2	452774.6	4774647	238.79	0	49.8	49.8	732.47	32	0	0	68.3	-4.77	4.77	0.02	0	0	0	0	-18.55	-18.55
	Top of west transformer	TRTOP2	452774.6	4774647	238.79	0	69	69	732.47	63	0	0	68.3	-4.77	4.77	0.09	0	0	0	0	0.58	0.58
	Top of west transformer	TRTOP2	452774.6	4774647	238.79	0	81.1	81.1	732.47	125	0	0	68.3	3.35	1.42	0.3	0	0	0	0	7.7	7.7
	Top of west transformer	TRTOP2	452774.6	4774647	238.79	0	83.6	83.6	732.47	250	0	0	68.3	-0.06	4.77	0.76	0	0	0	0	9.8	9.8
	Top of west transformer	TRTOP2	452774.6	4774647	238.79	0	89	89	732.47	500	0	0	68.3	-1.43	4.77	1.41	0	0	0	0	15.92	15.92
	Top of west transformer	TRTOP2	452774.6	4774647	238.79	0	86.2	86.2	732.47	1000	0	0	68.3	-1.43	4.77	2.68	0	0	0	0	11.85	11.85
	Top of west transformer	TRTOP2	452774.6	4774647	238.79	0	82.4	82.4	732.47	2000	0	0	68.3	-1.43	4.77	7.08	0	0	0	0	3.65	3.65
	Top of west transformer	TRTOP2	452774.6	4774647	238.79	0	77.2	77.2	732.47	4000	0	0	68.3	-1.43	4.77	24	0	0	0	0	-18.47	-18.47
	Top of west transformer	TRTOP2	452774.6	4774647	238.79	0	68.1	68.1	732.47	8000	0	0	68.3	-1.43	4.77	85.61	0	0	0	0	-89.18	-89.18
	Top of west transformer	TRTOP2	452778.6	4774646	238.5	0	49.8	49.8	731.78	32	0	0	68.29	-4.77	4.77	0.02	0	0	0	0	-18.54	-18.54
	Top of west transformer	TRTOP2	452778.6	4774646	238.5	0	69	69	731.78	63	0	0	68.29	-4.77	4.77	0.09	0	0	0	0	0.59	0.59
	Top of west transformer	TRTOP2	452778.6	4774646	238.5	0	81.1	81.1	731.78	125	0	0	68.29	3.35	1.42	0.3	0	0	0	0	7.71	7.71
	Top of west transformer	TRTOP2	452778.6	4774646	238.5	0	83.6	83.6	731.78	250	0	0	68.29	-0.06	4.77	0.76	0	0	0	0	9.81	9.81
	Top of west transformer	TRTOP2	452778.6	4774646	238.5	0	89	89	731.78	500	0	0	68.29	-1.43	4.77	1.41	0	0	0	0	15.93	15.93
	Top of west transformer	TRTOP2	452778.6	4774646	238.5	0	86.2	86.2	731.78	1000	0	0	68.29	-1.43	4.77	2.68	0	0	0	0	11.86	11.86
	Top of west transformer	TRTOP2	452778.6	4774646	238.5	0	82.4	82.4	731.78	2000	0	0	68.29	-1.43	4.77	7.07	0	0	0	0	3.67	3.67
	Top of west transformer	TRTOP2	452778.6	4774646	238.5	0	77.2	77.2	731.78	4000	0	0	68.29	-1.43	4.77	23.98	0	0	0	0	-18.44	-18.44
	Top of west transformer	TRTOP2	452778.6	4774646	238.5	0	68.1	68.1	731.78	8000	0	0	68.29	-1.43	4.77	85.53	0	0	0	0	-89.09	-89.09
	Top of west transformer	TRTOP2	452773	4774650	238.86	0	52.8	52.8	734.78	32	0	0	68.32	-4.78	4.77	0.02	0	0	0	0	-15.56	-15.56
	Top of west transformer	TRTOP2	452773	4774650	238.86	0	72	72	734.78	63	0	0	68.32	-4.78	4.77	0.09	0	0	0	0	3.57	3.57
	Top of west transformer	TRTOP2	452773	4774650	238.86	0	84.1	84.1	734.78	125	0	0	68.32	3.35	1.42	0.3	0	0	0	0	10.68	10.68
	Top of west transformer	TRTOP2	452773	4774650	238.86	0	86.6	86.6	734.78	250	0	0	68.32	-0.06	4.77	0.77	0	0	0	0	12.78	12.78
	Top of west transformer	TRTOP2	452773	4774650	238.86	0	92	92	734.78	500	0	0	68.32	-1.43	4.77	1.42	0	0	0	0	18.9	18.9
	Top of west transformer	TRTOP2	452773	4774650	238.86	0	89.2	89.2	734.78	1000	0	0	68.32	-1.43	4.77	2.69	0	0	0	0	14.83	14.83
	Top of west transformer	TRTOP2	452773	4774650	238.86	0	85.4	85.4	734.78	2000	0	0	68.32	-1.43	4.77	7.1	0	0	0	0	6.62	6.62
	Top of west transformer	TRTOP2	452773	4774650	238.86	0	80.2	80.2	734.78	4000	0	0	68.32	-1.43	4.77	24.08	0	0	0	0	-15.56	-15.56
	Top of west transformer	TRTOP2	452773	4774650	238.86	0	71.1	71.1	734.78	8000	0	0	68.32	-1.43	4.77	85.88	0	0	0	0	-86.46	-86.46
	Top of west transformer	TRTOP2	452779.5	4774650	238.33	0	49.8	49.8	735.69	32	0	0	68.33	-4.78	4.77	0.02	0	0	0	0	-18.58	-18.58
	Top of west transformer	TRTOP2	452779.5	4774650	238.33	0	69	69	735.69	63	0	0	68.33	-4.78	4.77	0.09	0	0	0	0	0.55	0.55
	Top of west transformer	TRTOP2	452779.5	4774650	238.33	0	81.1	81.1	735.69	125	0	0	68.33	3.35	1.42	0.3	0	0	0	0	7.66	7.66
	Top of west transformer	TRTOP2	452779.5	4774650	238.33	0	83.6	83.6	735.69	250	0	0	68.33	-0.06	4.77	0.77	0	0	0	0	9.76	9.76
	Top of west transformer	TRTOP2	452779.5	4774650	238.33	0	89	89	735.69	500	0	0	68.33	-1.43	4.77	1.42	0	0	0	0	15.88	15.88
	Top of west transformer	TRTOP2	452779.5	4774650	238.33	0	86.2	86.2	735.69	1000	0	0	68.33	-1.43	4.77	2.69	0	0	0	0	11.81	11.81
	Top of west transformer	TRTOP2	452779.5	4774650	238.33	0	82.4	82.4	735.69	2000	0	0	68.33	-1.43	4.77	7.11	0	0	0	0	3.59	3.59
	Top of west transformer	TRTOP2	452779.5	4774650	238.33	0	77.2	77.2	735.69	4000	0	0	68.33	-1.43	4.77	24.11	0	0	0	0	-18.61	-18.61
	Top of west transformer	TRTOP2	452779.5	4774650	238.33	0	68.1	68.1	735.69	8000	0	0	68.33	-1.43	4.77	85.99	0	0	0	0	-89.59	-89.59
	Top of west transformer	TRTOP2	452775.5	4774651	238.62	0	49.8	49.8	736.37	32	0	0	68.34	-4.78	4.77	0.02	0	0	0	0	-18.59	-18.59
	Top of west transformer	TRTOP2	452775.5	4774651	238.62	0	69	69	736.37	63	0	0	68.34	-4.78	4.77	0.09	0	0	0	0	0.54	0.54
	Top of west transformer	TRTOP2	452775.5	4774651	238.62	0	81.1	81.1	736.37	125	0	0	68.34	3.35	1.42	0.3	0	0	0	0	7.65	7.65
	Top of west transformer	TRTOP2	452775.5	4774651	238.62	0	83.6	83.6	736.37	250	0	0	68.34	-0.06	4.77	0.77	0	0	0	0	9.75	9.75
	Top of west transformer	TRTOP2	452775.5	4774651	238.62	0	89	89	736.37	500	0	0	68.34	-1.43	4.77	1.42	0	0	0	0	15.87	15.87
	Top of west transformer	TRTOP2	452775.5	4774651	238.62	0	86.2	86.2	736.37	1000	0	0	68.34	-1.43	4.77	2.69	0	0	0	0	11.8	11.8
	Top of west transformer	TRTOP2	452775.5	4774651	238.62	0	82.4	82.4	736.37	2000	0	0	68.34	-1.43	4.77	7.12	0	0	0	0	3.57	3.57
	Top of west transformer	TRTOP2	452775.5	4774651	238.62	0	77.2	77.2	736.37	4000	0	0	68.34	-1.43	4.77	24.13	0	0	0	0	-18.64	-18.64
	Top of west transformer	TRTOP2	452775.5	4774651	238.62	0	68.1	68.1	736.37	8000	0	0	68.34	-1.43	4.77	86.07	0	0	0	0	-89.68	-89.68
	Top of west transformer	TRTOP2	452781	4774648	238.26	0	52.8	52.8	733.4	32	0	0	68.31	-4.77	4.77	0.02	0	0	0	0	-15.55	-15.55
	Top of west transformer	TRTOP2	452781	4774648	238.26	0	72	72	733.4	63	0	0	68.31	-4.77	4.77	0.09	0	0	0	0	3.58	3.58
	Top of west transformer	TRTOP2	452781	4774648	238.26	0	84.1	84.1	733.4	125	0	0	68.31	3.35	1.42	0.3	0	0	0	0	10.7	10.7
	Top of west transformer	TRTOP2	452781	4774648	238.26	0	86.6	86.6	733.4	250	0	0	68.31	-0.06	4.77	0.77	0	0	0	0	12.8	12.8
	Top of west transformer	TRTOP2	452781	4774648	238.26	0	92	92	733.4	500	0	0	68.31	-1.43	4.77	1.41	0	0	0	0	18.92	18.92
	Top of west transformer	TRTOP2	452781	4774648	238.26	0	89.2	89.2	733.4	1000	0	0	68.31	-1.43	4.77	2.68	0	0	0	0	14.85	14.85
	Top of west transformer	TRTOP2	452781	4774648	238.26	0	85.4	85.4	733.4	2000	0	0	68.31	-1.43	4.77	7.09	0	0	0	0	6.65	6.65
	Top of west transformer	TRTOP2	452781	4774648	238.26	0	80.2	80.2	733.4	4000	0	0	68.31	-1.43	4.77	24.03	0	0	0	0	-15.5	-15.5
	Top of west transformer	TRTOP2	452781	4774648	238.26	0	71.1	71.1	733.4	8000	0	0	68.31	-1.43	4.77	85.72	0	0	0	0	-86.29	-86.29
	Top of west transformer	TRTOP1	452732.8	4774657	240.5	0	49.8	49.8	740.68	32	0	0	68.39	-4.78	4.77	0.02	0	0	0	0	-18.63	-18.63
	Top of west transformer	TRTOP1	452732.8	4774657	240.5	0	69	69	740.68	63	0	0	68.39	-4.78	4.77	0.09	0	0	0	0	0.5	0.5
	Top of west transformer	TRTOP1	452732.8	4774657	240.5	0	81.1	81.1	740.68	125	0	0	68.39	3.35	1.42	0.3	0	0	0	0	7.6	7.6
	Top of west transformer	TRTOP1	452732.8	4774657	240.5	0	83.6	83.6	740.68	250	0	0	68.39	-0.07	4.77	0.77	0	0	0	0	9.7	9.7
	Top of west transformer	TRTOP1	452732.8	4774657	240.5	0	89	89	740.68	500	0	0	68.39	-1.43	4.77	1.43	0	0	0	0	15.81	15.81
	Top of west transformer	TRTOP1	452732.8	4774657	240.5	0	86.2	86.2	740.68	1000	0	0	68.39	-1.44	4.77	2.71	0	0	0	0	11.73	11.73
	Top of west transformer	TRTOP1	452732.8	4774657	240.5	0	82.4	82.4	740.68	2000	0	0	68.39	-1.44	4.77	7.16	0	0	0	0	3.48	3.48
	Top of west transformer	TRTOP1	452732.8	4774657	240.5	0	77.2	77.2	740.68	4000	0	0	68.39	-1.44	4.77	24.27	0	0	0	0	-18.83	-18.83
	Top of west transformer	TRTOP1	452732.8	4774657	240.5	0	68.1	68.1														

Top of west transformer	TRTOP1	452736.8	4774656	240.5	0	82.4	82.4	739.76	2000	0	0	68.38	-1.44	4.77	7.15	0	0	0	0	3.5	3.5
Top of west transformer	TRTOP1	452736.8	4774656	240.5	0	77.2	77.2	739.76	4000	0	0	68.38	-1.44	4.77	24.24	0	0	0	0	-18.79	-18.79
Top of west transformer	TRTOP1	452736.8	4774656	240.5	0	68.1	68.1	739.76	8000	0	0	68.38	-1.44	4.77	86.46	0	0	0	0	-90.11	-90.11
Top of west transformer	TRTOP1	452731.3	4774659	240.5	0	52.8	52.8	743.07	32	0	0	68.42	-4.79	4.77	0.02	0	0	0	0	-15.65	-15.65
Top of west transformer	TRTOP1	452731.3	4774659	240.5	0	72	72	743.07	63	0	0	68.42	-4.79	4.77	0.09	0	0	0	0	3.49	3.49
Top of west transformer	TRTOP1	452731.3	4774659	240.5	0	84.1	84.1	743.07	125	0	0	68.42	3.35	1.42	0.31	0	0	0	0	10.58	10.58
Top of west transformer	TRTOP1	452731.3	4774659	240.5	0	86.6	86.6	743.07	250	0	0	68.42	-0.07	4.77	0.78	0	0	0	0	12.68	12.68
Top of west transformer	TRTOP1	452731.3	4774659	240.5	0	92	92	743.07	500	0	0	68.42	-1.44	4.77	1.43	0	0	0	0	18.79	18.79
Top of west transformer	TRTOP1	452731.3	4774659	240.5	0	89.2	89.2	743.07	1000	0	0	68.42	-1.44	4.77	2.72	0	0	0	0	14.71	14.71
Top of west transformer	TRTOP1	452731.3	4774659	240.5	0	85.4	85.4	743.07	2000	0	0	68.42	-1.44	4.77	7.18	0	0	0	0	6.44	6.44
Top of west transformer	TRTOP1	452731.3	4774659	240.5	0	80.2	80.2	743.07	4000	0	0	68.42	-1.44	4.77	24.35	0	0	0	0	-15.93	-15.93
Top of west transformer	TRTOP1	452731.3	4774659	240.5	0	71.1	71.1	743.07	8000	0	0	68.42	-1.44	4.77	86.85	0	0	0	0	-87.53	-87.53
Top of west transformer	TRTOP1	452737.7	4774660	240.5	0	49.8	49.8	743.62	32	0	0	68.43	-4.79	4.77	0.02	0	0	0	0	-18.66	-18.66
Top of west transformer	TRTOP1	452737.7	4774660	240.5	0	69	69	743.62	63	0	0	68.43	-4.79	4.77	0.09	0	0	0	0	0.47	0.47
Top of west transformer	TRTOP1	452737.7	4774660	240.5	0	81.1	81.1	743.62	125	0	0	68.43	3.35	1.42	0.31	0	0	0	0	7.57	7.57
Top of west transformer	TRTOP1	452737.7	4774660	240.5	0	83.6	83.6	743.62	250	0	0	68.43	-0.07	4.77	0.78	0	0	0	0	9.66	9.66
Top of west transformer	TRTOP1	452737.7	4774660	240.5	0	89	89	743.62	500	0	0	68.43	-1.44	4.77	1.43	0	0	0	0	15.77	15.77
Top of west transformer	TRTOP1	452737.7	4774660	240.5	0	86.2	86.2	743.62	1000	0	0	68.43	-1.44	4.77	2.72	0	0	0	0	11.69	11.69
Top of west transformer	TRTOP1	452737.7	4774660	240.5	0	82.4	82.4	743.62	2000	0	0	68.43	-1.44	4.77	7.19	0	0	0	0	3.42	3.42
Top of west transformer	TRTOP1	452737.7	4774660	240.5	0	77.2	77.2	743.62	4000	0	0	68.43	-1.44	4.77	24.37	0	0	0	0	-18.96	-18.96
Top of west transformer	TRTOP1	452737.7	4774660	240.5	0	68.1	68.1	743.62	8000	0	0	68.43	-1.44	4.77	86.92	0	0	0	0	-90.61	-90.61
Top of west transformer	TRTOP1	452733.7	4774661	240.5	0	49.8	49.8	744.53	32	0	0	68.44	-4.79	4.77	0.02	0	0	0	0	-18.67	-18.67
Top of west transformer	TRTOP1	452733.7	4774661	240.5	0	69	69	744.53	63	0	0	68.44	-4.79	4.77	0.09	0	0	0	0	0.46	0.46
Top of west transformer	TRTOP1	452733.7	4774661	240.5	0	81.1	81.1	744.53	125	0	0	68.44	3.35	1.42	0.31	0	0	0	0	7.55	7.55
Top of west transformer	TRTOP1	452733.7	4774661	240.5	0	83.6	83.6	744.53	250	0	0	68.44	-0.07	4.77	0.78	0	0	0	0	9.65	9.65
Top of west transformer	TRTOP1	452733.7	4774661	240.5	0	89	89	744.53	500	0	0	68.44	-1.44	4.77	1.44	0	0	0	0	15.76	15.76
Top of west transformer	TRTOP1	452733.7	4774661	240.5	0	86.2	86.2	744.53	1000	0	0	68.44	-1.44	4.77	2.72	0	0	0	0	11.67	11.67
Top of west transformer	TRTOP1	452733.7	4774661	240.5	0	82.4	82.4	744.53	2000	0	0	68.44	-1.44	4.77	7.2	0	0	0	0	3.4	3.4
Top of west transformer	TRTOP1	452733.7	4774661	240.5	0	77.2	77.2	744.53	4000	0	0	68.44	-1.44	4.77	24.4	0	0	0	0	-19	-19
Top of west transformer	TRTOP1	452733.7	4774661	240.5	0	68.1	68.1	744.53	8000	0	0	68.44	-1.44	4.77	87.02	0	0	0	0	-90.72	-90.72
Top of west transformer	TRTOP1	452739.3	4774657	240.5	0	52.8	52.8	741.24	32	0	0	68.4	-4.79	4.77	0.02	0	0	0	0	-15.63	-15.63
Top of west transformer	TRTOP1	452739.3	4774657	240.5	0	72	72	741.24	63	0	0	68.4	-4.79	4.77	0.09	0	0	0	0	3.5	3.5
Top of west transformer	TRTOP1	452739.3	4774657	240.5	0	84.1	84.1	741.24	125	0	0	68.4	3.35	1.42	0.3	0	0	0	0	10.6	10.6
Top of west transformer	TRTOP1	452739.3	4774657	240.5	0	86.6	86.6	741.24	250	0	0	68.4	-0.07	4.77	0.77	0	0	0	0	12.7	12.7
Top of west transformer	TRTOP1	452739.3	4774657	240.5	0	92	92	741.24	500	0	0	68.4	-1.43	4.77	1.43	0	0	0	0	18.81	18.81
Top of west transformer	TRTOP1	452739.3	4774657	240.5	0	89.2	89.2	741.24	1000	0	0	68.4	-1.44	4.77	2.71	0	0	0	0	14.73	14.73
Top of west transformer	TRTOP1	452739.3	4774657	240.5	0	85.4	85.4	741.24	2000	0	0	68.4	-1.44	4.77	7.16	0	0	0	0	6.48	6.48
Top of west transformer	TRTOP1	452739.3	4774657	240.5	0	80.2	80.2	741.24	4000	0	0	68.4	-1.44	4.77	24.29	0	0	0	0	-15.85	-15.85
Top of west transformer	TRTOP1	452739.3	4774657	240.5	0	71.1	71.1	741.24	8000	0	0	68.4	-1.44	4.77	86.64	0	0	0	0	-87.29	-87.29
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	46.1	46.1	731.66	32	0	0	68.29	-4.95	4.26	0.02	0	0	0	0	-21.56	-21.56
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	65.3	65.3	731.66	63	0	0	68.29	-4.95	4.69	0.09	0	0	0	0	-2.85	-2.85
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	77.4	77.4	731.66	125	0	0	68.29	3.65	1.61	0.3	0	0	0	0	3.51	3.51
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	79.9	79.9	731.66	250	0	0	68.29	0.91	4.85	0.76	0	0	0	0	5.04	5.04
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	85.3	85.3	731.66	500	0	0	68.29	-1.48	6.67	1.41	0	0	0	0	10.37	10.37
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	82.5	82.5	731.66	1000	0	0	68.29	-1.49	8.05	2.68	0	0	0	0	4.93	4.93
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	78.7	78.7	731.66	2000	0	0	68.29	-1.49	9.93	7.07	0	0	0	0	-5.14	-5.14
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	73.5	73.5	731.66	4000	0	0	68.29	-1.49	12.23	23.98	0	0	0	0	-29.55	-29.55
Transformer Side 2b	TRSide2b	452773.3	4774646	237.41	0	64.4	64.4	731.66	8000	0	0	68.29	-1.49	14.84	85.52	0	0	0	0	-102.8	-102.8
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	46.1	46.1	730.61	32	0	0	68.27	-4.95	3.91	0.02	0	0	0	0	-21.19	-21.19
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	65.3	65.3	730.61	63	0	0	68.27	-4.95	4.45	0.09	0	0	0	0	-2.6	-2.6
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	77.4	77.4	730.61	125	0	0	68.27	3.65	1.55	0.3	0	0	0	0	3.58	3.58
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	79.9	79.9	730.61	250	0	0	68.27	0.91	4.79	0.76	0	0	0	0	5.11	5.11
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	85.3	85.3	730.61	500	0	0	68.27	-1.48	6.64	1.41	0	0	0	0	10.41	10.41
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	82.5	82.5	730.61	1000	0	0	68.27	-1.49	8.05	2.67	0	0	0	0	4.94	4.94
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	78.7	78.7	730.61	2000	0	0	68.27	-1.49	9.96	7.06	0	0	0	0	-5.15	-5.15
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	73.5	73.5	730.61	4000	0	0	68.27	-1.49	12.28	23.94	0	0	0	0	-29.55	-29.55
Transformer Side 2b	TRSide2b	452779.3	4774645	236.96	0	64.4	64.4	730.61	8000	0	0	68.27	-1.49	14.9	85.4	0	0	0	0	-102.72	-102.72
Transformer Side 2b	TRSide2b	452773.3	4774646	238.41	0	46.1	46.1	731.66	32	0	0	68.29	-4.83	4.78	0.02	0	0	0	0	-22.2	-22.2
Transformer Side 2b	TRSide2b	452773.3	4774646	238.41	0	65.3	65.3	731.66	63	0	0	68.29	-4.83	4.78	0.09	0	0	0	0	-3.07	-3.07
Transformer Side 2b	TRSide2b	452773.3	4774646	238.41	0	77.4	77.4	731.66	125	0	0	68.29	3.52	1.27	0.3	0	0	0	0	3.98	3.98
Transformer Side 2b	TRSide2b	452773.3	4774646	238.41	0	79.9	79.9	731.66	250	0	0	68.29	0.16	4.65	0.76	0	0	0	0	6	6
Transformer Side 2b	TRSide2b	452773.3	4774646	238.41	0	85.3	85.3	731.66	500	0	0	68.29	-1.45	4.84	1.41	0	0	0	0	12.17	12.17
Transformer Side 2b	TRSide2b	452773.3	4774646	238.41	0	82.5	82.5	731.66	1000	0	0	68.29	-1.45	4.9	2.68	0	0	0	0	8.04	8.04
Transformer Side 2b	TRSide2b	452773.3	4774646	238.41	0	78.7	78.7	731.66	2000	0	0	68.29	-1.45	5.03	7.07	0	0	0	0	-0.28	-0.28
Transformer Side 2b	TRSide																				



Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	77.4	77.4	731.67	125	0	0	68.29	3.85	4.12	0.3	0	0	0	0	0.79	0.79
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	79.9	79.9	731.67	250	0	0	68.29	3.61	6.34	0.76	0	0	0	0	0.85	0.85
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	85.3	85.3	731.67	500	0	0	68.29	0	12.03	1.41	0	0	0	0	3.53	3.53
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	82.5	82.5	731.67	1000	0	0	68.29	-1.46	14.71	2.68	0	0	0	0	-1.75	-1.75
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	78.7	78.7	731.67	2000	0	0	68.29	-1.56	17.54	7.07	0	0	0	0	-12.68	-12.68
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	73.5	73.5	731.67	4000	0	0	68.29	-1.56	19.6	23.98	0	0	0	0	-36.85	-36.85
Transformer Side 2b	TRSide2b	452773.3	4774646	235.41	0	64.4	64.4	731.67	8000	0	0	68.29	-1.56	19.8	85.52	0	0	0	0	-107.68	-107.68
Transformer Side 2b	TRSide2b	452779.3	4774645	234.96	0	46.1	46.1	730.62	32	0	0	68.27	-5.2	4.32	0.02	0	0	0	0	-21.36	-21.36
Transformer Side 2b	TRSide2b	452779.3	4774645	234.96	0	65.3	65.3	730.62	63	0	0	68.27	-5.2	5.71	0.09	0	0	0	0	-3.62	-3.62
Transformer Side 2b	TRSide2b	452779.3	4774645	234.96	0	77.4	77.4	730.62	125	0	0	68.27	3.85	4.09	0.3	0	0	0	0	0.84	0.84
Transformer Side 2b	TRSide2b	452779.3	4774645	234.96	0	79.9	79.9	730.62	250	0	0	68.27	3.61	6.32	0.76	0	0	0	0	0.89	0.89
Transformer Side 2b	TRSide2b	452779.3	4774645	234.96	0	85.3	85.3	730.62	500	0	0	68.27	0	11.96	1.41	0	0	0	0	3.62	3.62
Transformer Side 2b	TRSide2b	452779.3	4774645	234.96	0	82.5	82.5	730.62	1000	0	0	68.27	-1.46	14.64	2.67	0	0	0	0	-1.67	-1.67
Transformer Side 2b	TRSide2b	452779.3	4774645	234.96	0	78.7	78.7	730.62	2000	0	0	68.27	-1.56	17.48	7.06	0	0	0	0	-12.6	-12.6
Transformer Side 2b	TRSide2b	452779.3	4774645	234.96	0	73.5	73.5	730.62	4000	0	0	68.27	-1.56	19.52	23.94	0	0	0	0	-36.71	-36.71
Transformer Side 2b	TRSide2b	452779.3	4774645	234.96	0	64.4	64.4	730.62	8000	0	0	68.27	-1.56	19.75	85.4	0	0	0	0	-107.5	-107.5
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	46.1	46.1	731.66	32	0	0	68.29	-5.08	4.04	0.02	0	0	0	0	-21.22	-21.22
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	65.3	65.3	731.66	63	0	0	68.29	-5.08	5.02	0.09	0	0	0	0	-3.06	-3.06
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	77.4	77.4	731.66	125	0	0	68.29	3.69	2.78	0.3	0	0	0	0	2.3	2.3
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	79.9	79.9	731.66	250	0	0	68.29	2.13	5.69	0.76	0	0	0	0	2.99	2.99
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	85.3	85.3	731.66	500	0	0	68.29	-1.37	9.6	1.41	0	0	0	0	7.32	7.32
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	82.5	82.5	731.66	1000	0	0	68.29	-1.52	11.94	2.68	0	0	0	0	1.08	1.08
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	78.7	78.7	731.66	2000	0	0	68.29	-1.52	14.56	7.07	0	0	0	0	-9.74	-9.74
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	73.5	73.5	731.66	4000	0	0	68.29	-1.52	17.36	23.98	0	0	0	0	-34.64	-34.64
Transformer Side 2b	TRSide2b	452773.3	4774646	236.41	0	64.4	64.4	731.66	8000	0	0	68.29	-1.52	19.8	85.52	0	0	0	0	-107.72	-107.72
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	46.1	46.1	730.62	32	0	0	68.27	-5.08	3.89	0.02	0	0	0	0	-21.05	-21.05
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	65.3	65.3	730.62	63	0	0	68.27	-5.08	4.89	0.09	0	0	0	0	-2.92	-2.92
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	77.4	77.4	730.62	125	0	0	68.27	3.69	2.76	0.3	0	0	0	0	2.34	2.34
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	79.9	79.9	730.62	250	0	0	68.27	2.13	5.67	0.76	0	0	0	0	3.02	3.02
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	85.3	85.3	730.62	500	0	0	68.27	-1.37	9.58	1.41	0	0	0	0	7.36	7.36
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	82.5	82.5	730.62	1000	0	0	68.27	-1.52	11.93	2.67	0	0	0	0	1.1	1.1
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	78.7	78.7	730.62	2000	0	0	68.27	-1.52	14.56	7.06	0	0	0	0	-9.72	-9.72
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	73.5	73.5	730.62	4000	0	0	68.27	-1.52	17.37	23.94	0	0	0	0	-34.61	-34.61
Transformer Side 2b	TRSide2b	452779.3	4774645	235.96	0	64.4	64.4	730.62	8000	0	0	68.27	-1.52	19.75	85.4	0	0	0	0	-107.54	-107.54
Transformer Side 2a	TRSide2a	452780.7	4774651	234.71	0	46.1	46.1	736.5	32	0	0	68.34	-5.21	4.77	0.02	0	0	0	0	-21.88	-21.88
Transformer Side 2a	TRSide2a	452780.7	4774651	234.71	0	65.3	65.3	736.5	63	0	0	68.34	-5.21	4.77	0.09	0	0	0	0	-2.74	-2.74
Transformer Side 2a	TRSide2a	452780.7	4774651	234.71	0	77.4	77.4	736.5	125	0	0	68.34	3.87	2.1	0.3	0	0	0	0	2.75	2.75
Transformer Side 2a	TRSide2a	452780.7	4774651	234.71	0	79.9	79.9	736.5	250	0	0	68.34	3.61	3.63	0.77	0	0	0	0	3.5	3.5
Transformer Side 2a	TRSide2a	452780.7	4774651	234.71	0	85.3	85.3	736.5	500	0	0	68.34	0	8.71	1.42	0	0	0	0	6.79	6.79
Transformer Side 2a	TRSide2a	452780.7	4774651	234.71	0	82.5	82.5	736.5	1000	0	0	68.34	-1.47	10.94	2.69	0	0	0	0	1.94	1.94
Transformer Side 2a	TRSide2a	452780.7	4774651	234.71	0	78.7	78.7	736.5	2000	0	0	68.34	-1.56	13.5	7.12	0	0	0	0	-8.74	-8.74
Transformer Side 2a	TRSide2a	452780.7	4774651	234.71	0	73.5	73.5	736.5	4000	0	0	68.34	-1.56	16.25	24.14	0	0	0	0	-33.71	-33.71
Transformer Side 2a	TRSide2a	452780.7	4774651	234.71	0	64.4	64.4	736.5	8000	0	0	68.34	-1.56	19.13	86.08	0	0	0	0	-107.64	-107.64
Transformer Side 2a	TRSide2a	452774.7	4774652	235.16	0	46.1	46.1	737.53	32	0	0	68.36	-5.21	3.6	0.02	0	0	0	0	-20.72	-20.72
Transformer Side 2a	TRSide2a	452774.7	4774652	235.16	0	65.3	65.3	737.53	63	0	0	68.36	-5.21	4.58	0.09	0	0	0	0	-2.56	-2.56
Transformer Side 2a	TRSide2a	452774.7	4774652	235.16	0	77.4	77.4	737.53	125	0	0	68.36	3.87	2.2	0.3	0	0	0	0	2.63	2.63
Transformer Side 2a	TRSide2a	452774.7	4774652	235.16	0	79.9	79.9	737.53	250	0	0	68.36	3.61	3.7	0.77	0	0	0	0	3.42	3.42
Transformer Side 2a	TRSide2a	452774.7	4774652	235.16	0	85.3	85.3	737.53	500	0	0	68.36	0	8.84	1.42	0	0	0	0	6.65	6.65
Transformer Side 2a	TRSide2a	452774.7	4774652	235.16	0	82.5	82.5	737.53	1000	0	0	68.36	-1.47	11.05	2.7	0	0	0	0	1.82	1.82
Transformer Side 2a	TRSide2a	452774.7	4774652	235.16	0	78.7	78.7	737.53	2000	0	0	68.36	-1.56	13.58	7.13	0	0	0	0	-8.85	-8.85
Transformer Side 2a	TRSide2a	452774.7	4774652	235.16	0	73.5	73.5	737.53	4000	0	0	68.36	-1.56	16.33	24.17	0	0	0	0	-33.84	-33.84
Transformer Side 2a	TRSide2a	452774.7	4774652	235.16	0	64.4	64.4	737.53	8000	0	0	68.36	-1.56	19.21	86.2	0	0	0	0	-107.85	-107.85
Transformer Side 2a	TRSide2a	452780.7	4774651	236.71	0	46.1	46.1	736.5	32	0	0	68.34	-4.96	3.38	0.02	0	0	0	0	-20.73	-20.73
Transformer Side 2a	TRSide2a	452780.7	4774651	236.71	0	65.3	65.3	736.5	63	0	0	68.34	-4.96	3.9	0.09	0	0	0	0	-2.11	-2.11
Transformer Side 2a	TRSide2a	452780.7	4774651	236.71	0	77.4	77.4	736.5	125	0	0	68.34	3.65	1	0.3	0	0	0	0	4.06	4.06
Transformer Side 2a	TRSide2a	452780.7	4774651	236.71	0	79.9	79.9	736.5	250	0	0	68.34	0.91	3.87	0.77	0	0	0	0	5.96	5.96
Transformer Side 2a	TRSide2a	452780.7	4774651	236.71	0	85.3	85.3	736.5	500	0	0	68.34	-1.48	5.13	1.42	0	0	0	0	11.85	11.85
Transformer Side 2a	TRSide2a	452780.7	4774651	236.71	0	82.5	82.5	736.5	1000	0	0	68.34	-1.49	5.68	2.69	0	0	0	0	7.22	7.22
Transformer Side 2a	TRSide2a	452780.7	4774651	236.71	0	78.7	78.7	736.5	2000	0	0	68.34	-1.49	6.55	7.12	0	0	0	0	-1.86	-1.86
Transformer Side 2a	TRSide2a	452780.7	4774651	236.71	0	73.5	73.5	736.5	4000	0	0	68.34	-1.49	7.86	24.14	0	0	0	0	-25.39	-25.39
Transformer Side 2a	TRSide2a	452780.7	4774651	236.71	0	64.4	64.4	736.5	8000	0	0	68.34	-1.49	9.67	86.08	0	0	0	0	-98.25	-98.25
Transformer Side 2a	TRSide2a	452774.7	4774652	237.16	0	46.1	46.1	737.53	32	0	0	68.36	-4.96	3.31	0.02	0	0	0	0	-20.67	-20.67
Transformer Side 2a	TRSide2a	452774.7	4774652	237.16	0	65.3	65.3	737.53	63	0	0	68.36	-4.96	3.94	0.09	0	0	0	0	-2.16	-2.16
Transformer Side 2a	TRSide2a	452774.7	4774652	237.16	0	77.4	77														

Transformer Side 2a	TRSide2a	452780.7	4774651	237.71	0	73.5	73.5	736.5	4000	0	0	68.34	-1.45	4.85	24.14	0	0	0	0	-22.41	-22.41
Transformer Side 2a	TRSide2a	452780.7	4774651	237.71	0	64.4	64.4	736.5	8000	0	0	68.34	-1.45	4.92	86.08	0	0	0	0	-93.54	-93.54
Transformer Side 2a	TRSide2a	452774.7	4774652	238.16	0	46.1	46.1	737.53	32	0	0	68.36	-4.84	4.77	0.02	0	0	0	0	-22.25	-22.25
Transformer Side 2a	TRSide2a	452774.7	4774652	238.16	0	65.3	65.3	737.53	63	0	0	68.36	-4.84	4.77	0.09	0	0	0	0	-3.12	-3.12
Transformer Side 2a	TRSide2a	452774.7	4774652	238.16	0	77.4	77.4	737.53	125	0	0	68.36	3.52	1.25	0.3	0	0	0	0	3.93	3.93
Transformer Side 2a	TRSide2a	452774.7	4774652	238.16	0	79.9	79.9	737.53	250	0	0	68.36	0.16	4.62	0.77	0	0	0	0	5.96	5.96
Transformer Side 2a	TRSide2a	452774.7	4774652	238.16	0	85.3	85.3	737.53	500	0	0	68.36	-1.45	4.78	1.42	0	0	0	0	12.15	12.15
Transformer Side 2a	TRSide2a	452774.7	4774652	238.16	0	82.5	82.5	737.53	1000	0	0	68.36	-1.45	4.79	2.7	0	0	0	0	8.07	8.07
Transformer Side 2a	TRSide2a	452774.7	4774652	238.16	0	78.7	78.7	737.53	2000	0	0	68.36	-1.45	4.81	7.13	0	0	0	0	-0.18	-0.18
Transformer Side 2a	TRSide2a	452774.7	4774652	238.16	0	73.5	73.5	737.53	4000	0	0	68.36	-1.45	4.84	24.17	0	0	0	0	-22.46	-22.46
Transformer Side 2a	TRSide2a	452774.7	4774652	238.16	0	64.4	64.4	737.53	8000	0	0	68.36	-1.45	4.91	86.2	0	0	0	0	-93.66	-93.66
Transformer Side 2a	TRSide2a	452780.7	4774651	235.71	0	46.1	46.1	736.5	32	0	0	68.34	-5.08	3.12	0.02	0	0	0	0	-20.35	-20.35
Transformer Side 2a	TRSide2a	452780.7	4774651	235.71	0	65.3	65.3	736.5	63	0	0	68.34	-5.08	3.9	0.09	0	0	0	0	-1.99	-1.99
Transformer Side 2a	TRSide2a	452780.7	4774651	235.71	0	77.4	77.4	736.5	125	0	0	68.34	3.7	1.4	0.3	0	0	0	0	3.61	3.61
Transformer Side 2a	TRSide2a	452780.7	4774651	235.71	0	79.9	79.9	736.5	250	0	0	68.34	2.13	3.61	0.77	0	0	0	0	5.01	5.01
Transformer Side 2a	TRSide2a	452780.7	4774651	235.71	0	85.3	85.3	736.5	500	0	0	68.34	-1.37	6.7	1.42	0	0	0	0	10.16	10.16
Transformer Side 2a	TRSide2a	452780.7	4774651	235.71	0	82.5	82.5	736.5	1000	0	0	68.34	-1.52	8.27	2.69	0	0	0	0	4.67	4.67
Transformer Side 2a	TRSide2a	452780.7	4774651	235.71	0	78.7	78.7	736.5	2000	0	0	68.34	-1.53	10.3	7.12	0	0	0	0	-5.58	-5.58
Transformer Side 2a	TRSide2a	452780.7	4774651	235.71	0	73.5	73.5	736.5	4000	0	0	68.34	-1.53	12.71	24.14	0	0	0	0	-30.2	-30.2
Transformer Side 2a	TRSide2a	452780.7	4774651	235.71	0	64.4	64.4	736.5	8000	0	0	68.34	-1.53	15.38	86.08	0	0	0	0	-103.92	-103.92
Transformer Side 2a	TRSide2a	452774.7	4774652	236.16	0	46.1	46.1	737.53	32	0	0	68.36	-5.08	3.41	0.02	0	0	0	0	-20.65	-20.65
Transformer Side 2a	TRSide2a	452774.7	4774652	236.16	0	65.3	65.3	737.53	63	0	0	68.36	-5.08	4.17	0.09	0	0	0	0	-2.27	-2.27
Transformer Side 2a	TRSide2a	452774.7	4774652	236.16	0	77.4	77.4	737.53	125	0	0	68.36	3.7	1.49	0.3	0	0	0	0	3.51	3.51
Transformer Side 2a	TRSide2a	452774.7	4774652	236.16	0	79.9	79.9	737.53	250	0	0	68.36	2.13	3.69	0.77	0	0	0	0	4.92	4.92
Transformer Side 2a	TRSide2a	452774.7	4774652	236.16	0	85.3	85.3	737.53	500	0	0	68.36	-1.37	6.78	1.42	0	0	0	0	10.07	10.07
Transformer Side 2a	TRSide2a	452774.7	4774652	236.16	0	82.5	82.5	737.53	1000	0	0	68.36	-1.52	8.32	2.7	0	0	0	0	4.61	4.61
Transformer Side 2a	TRSide2a	452774.7	4774652	236.16	0	78.7	78.7	737.53	2000	0	0	68.36	-1.53	10.32	7.13	0	0	0	0	-5.62	-5.62
Transformer Side 2a	TRSide2a	452774.7	4774652	236.16	0	73.5	73.5	737.53	4000	0	0	68.36	-1.53	12.72	24.17	0	0	0	0	-30.26	-30.26
Transformer Side 2a	TRSide2a	452774.7	4774652	236.16	0	64.4	64.4	737.53	8000	0	0	68.36	-1.53	15.38	86.2	0	0	0	0	-104.06	-104.06
Transformer Side 2b	TRSide2b	452731.6	4774656	237	0	46.1	46.1	739.92	32	0	0	68.38	-5.21	4.42	0.02	0	0	0	0	-21.56	-21.56
Transformer Side 2b	TRSide2b	452731.6	4774656	237	0	65.3	65.3	739.92	63	0	0	68.38	-5.21	5.73	0.09	0	0	0	0	-3.74	-3.74
Transformer Side 2b	TRSide2b	452731.6	4774656	237	0	77.4	77.4	739.92	125	0	0	68.38	3.88	3.87	0.3	0	0	0	0	0.93	0.93
Transformer Side 2b	TRSide2b	452731.6	4774656	237	0	79.9	79.9	739.92	250	0	0	68.38	3.61	6.04	0.77	0	0	0	0	1.05	1.05
Transformer Side 2b	TRSide2b	452731.6	4774656	237	0	85.3	85.3	739.92	500	0	0	68.38	-0.01	11.69	1.43	0	0	0	0	3.76	3.76
Transformer Side 2b	TRSide2b	452731.6	4774656	237	0	82.5	82.5	739.92	1000	0	0	68.38	-1.47	14.33	2.71	0	0	0	0	-1.5	-1.5
Transformer Side 2b	TRSide2b	452731.6	4774656	237	0	78.7	78.7	739.92	2000	0	0	68.38	-1.56	17.14	7.15	0	0	0	0	-12.46	-12.46
Transformer Side 2b	TRSide2b	452731.6	4774656	237	0	73.5	73.5	739.92	4000	0	0	68.38	-1.56	19.61	24.25	0	0	0	0	-37.22	-37.22
Transformer Side 2b	TRSide2b	452731.6	4774656	237	0	64.4	64.4	739.92	8000	0	0	68.38	-1.56	19.8	86.48	0	0	0	0	-108.75	-108.75
Transformer Side 2b	TRSide2b	452737.6	4774655	237	0	46.1	46.1	738.55	32	0	0	68.37	-5.21	4.22	0.02	0	0	0	0	-21.35	-21.35
Transformer Side 2b	TRSide2b	452737.6	4774655	237	0	65.3	65.3	738.55	63	0	0	68.37	-5.21	5.55	0.09	0	0	0	0	-3.54	-3.54
Transformer Side 2b	TRSide2b	452737.6	4774655	237	0	77.4	77.4	738.55	125	0	0	68.37	3.87	3.81	0.3	0	0	0	0	1	1
Transformer Side 2b	TRSide2b	452737.6	4774655	237	0	79.9	79.9	738.55	250	0	0	68.37	3.61	5.99	0.77	0	0	0	0	1.12	1.12
Transformer Side 2b	TRSide2b	452737.6	4774655	237	0	85.3	85.3	738.55	500	0	0	68.37	-0.01	11.59	1.42	0	0	0	0	3.88	3.88
Transformer Side 2b	TRSide2b	452737.6	4774655	237	0	82.5	82.5	738.55	1000	0	0	68.37	-1.47	14.24	2.7	0	0	0	0	-1.39	-1.39
Transformer Side 2b	TRSide2b	452737.6	4774655	237	0	78.7	78.7	738.55	2000	0	0	68.37	-1.56	17.06	7.14	0	0	0	0	-12.34	-12.34
Transformer Side 2b	TRSide2b	452737.6	4774655	237	0	73.5	73.5	738.55	4000	0	0	68.37	-1.56	19.5	24.2	0	0	0	0	-37.05	-37.05
Transformer Side 2b	TRSide2b	452737.6	4774655	237	0	64.4	64.4	738.55	8000	0	0	68.37	-1.56	19.74	86.32	0	0	0	0	-108.51	-108.51
Transformer Side 2b	TRSide2b	452731.6	4774656	238	0	46.1	46.1	739.92	32	0	0	68.38	-5.09	3.98	0.02	0	0	0	0	-21.25	-21.25
Transformer Side 2b	TRSide2b	452731.6	4774656	238	0	65.3	65.3	739.92	63	0	0	68.38	-5.09	4.9	0.09	0	0	0	0	-3.02	-3.02
Transformer Side 2b	TRSide2b	452731.6	4774656	238	0	77.4	77.4	739.92	125	0	0	68.38	3.71	2.53	0.3	0	0	0	0	2.44	2.44
Transformer Side 2b	TRSide2b	452731.6	4774656	238	0	79.9	79.9	739.92	250	0	0	68.38	2.12	5.33	0.77	0	0	0	0	3.25	3.25
Transformer Side 2b	TRSide2b	452731.6	4774656	238	0	85.3	85.3	739.92	500	0	0	68.38	-1.37	9.13	1.43	0	0	0	0	7.68	7.68
Transformer Side 2b	TRSide2b	452731.6	4774656	238	0	82.5	82.5	739.92	1000	0	0	68.38	-1.53	11.37	2.71	0	0	0	0	1.52	1.52
Transformer Side 2b	TRSide2b	452731.6	4774656	238	0	78.7	78.7	739.92	2000	0	0	68.38	-1.53	13.93	7.15	0	0	0	0	-9.28	-9.28
Transformer Side 2b	TRSide2b	452731.6	4774656	238	0	73.5	73.5	739.92	4000	0	0	68.38	-1.53	16.69	24.25	0	0	0	0	-34.33	-34.33
Transformer Side 2b	TRSide2b	452731.6	4774656	238	0	64.4	64.4	739.92	8000	0	0	68.38	-1.53	19.57	86.48	0	0	0	0	-108.55	-108.55
Transformer Side 2b	TRSide2b	452737.6	4774655	238	0	46.1	46.1	738.55	32	0	0	68.37	-5.09	3.8	0.02	0	0	0	0	-21.05	-21.05
Transformer Side 2b	TRSide2b	452737.6	4774655	238	0	65.3	65.3	738.55	63	0	0	68.37	-5.09	4.74	0.09	0	0	0	0	-2.85	-2.85
Transformer Side 2b	TRSide2b	452737.6	4774655	238	0	77.4	77.4	738.55	125	0	0	68.37	3.71	2.49	0.3	0	0	0	0	2.49	2.49
Transformer Side 2b	TRSide2b	452737.6	4774655	238	0	79.9	79.9	738.55	250	0	0	68.37	2.13	5.29	0.77	0	0	0	0	3.3	3.3
Transformer Side 2b	TRSide2b	452737.6	4774655	238	0	85.3	85.3	738.55	500	0	0	68.37	-1.37	9.09	1.42	0	0	0	0	7.75	7.75
Transformer Side 2b	TRSide2b	452737.6	4774655	238	0	82.5	82.5	738.55	1000	0	0	68.37	-1.52	11.34	2.7	0	0	0	0	1.57	1.57
Transformer Side 2b	TRSide2b	452737.6	4774655	238	0	78.7	78.7	738.55	2000	0	0	68.37	-1.53	13.91	7.14	0	0	0	0	-9.23	-9.23
Transformer Side 2b	TRSide2b	452737.6	4774655	238	0	73.5	73.5	738.55	4000	0	0	68.37	-1.53	16.68	24.2	0	0				

Transformer Side 2b	TRSide2b	452737.6	4774655	239	0	79.9	79.9	738.55	250	0	0	68.37	0.91	4.49	0.77	0	0	0	5.32	5.32
Transformer Side 2b	TRSide2b	452737.6	4774655	239	0	85.3	85.3	738.55	500	0	0	68.37	-1.48	6.14	1.42	0	0	0	10.81	10.81
Transformer Side 2b	TRSide2b	452737.6	4774655	239	0	82.5	82.5	738.55	1000	0	0	68.37	-1.49	7.3	2.7	0	0	0	5.58	5.58
Transformer Side 2b	TRSide2b	452737.6	4774655	239	0	78.7	78.7	738.55	2000	0	0	68.37	-1.49	8.95	7.14	0	0	0	-4.31	-4.31
Transformer Side 2b	TRSide2b	452737.6	4774655	239	0	73.5	73.5	738.55	4000	0	0	68.37	-1.49	11.07	24.2	0	0	0	-28.69	-28.69
Transformer Side 2b	TRSide2b	452737.6	4774655	239	0	64.4	64.4	738.55	8000	0	0	68.37	-1.49	13.55	86.32	0	0	0	-102.39	-102.39
Transformer Side 2b	TRSide2b	452731.6	4774656	240	0	46.1	46.1	739.92	32	0	0	68.38	-4.84	4.77	0.02	0	0	0	-22.28	-22.28
Transformer Side 2b	TRSide2b	452731.6	4774656	240	0	65.3	65.3	739.92	63	0	0	68.38	-4.84	4.77	0.09	0	0	0	-3.14	-3.14
Transformer Side 2b	TRSide2b	452731.6	4774656	240	0	77.4	77.4	739.92	125	0	0	68.38	3.52	1.25	0.3	0	0	0	3.9	3.9
Transformer Side 2b	TRSide2b	452731.6	4774656	240	0	79.9	79.9	739.92	250	0	0	68.38	0.15	4.62	0.77	0	0	0	5.92	5.92
Transformer Side 2b	TRSide2b	452731.6	4774656	240	0	85.3	85.3	739.92	500	0	0	68.38	-1.45	4.78	1.43	0	0	0	12.12	12.12
Transformer Side 2b	TRSide2b	452731.6	4774656	240	0	82.5	82.5	739.92	1000	0	0	68.38	-1.45	4.8	2.71	0	0	0	8.02	8.02
Transformer Side 2b	TRSide2b	452731.6	4774656	240	0	78.7	78.7	739.92	2000	0	0	68.38	-1.45	4.82	7.15	0	0	0	-0.25	-0.25
Transformer Side 2b	TRSide2b	452731.6	4774656	240	0	73.5	73.5	739.92	4000	0	0	68.38	-1.45	4.88	24.25	0	0	0	-22.6	-22.6
Transformer Side 2b	TRSide2b	452731.6	4774656	240	0	64.4	64.4	739.92	8000	0	0	68.38	-1.45	4.98	86.48	0	0	0	-94.04	-94.04
Transformer Side 2b	TRSide2b	452737.6	4774655	240	0	46.1	46.1	738.55	32	0	0	68.37	-4.84	4.77	0.02	0	0	0	-22.26	-22.26
Transformer Side 2b	TRSide2b	452737.6	4774655	240	0	65.3	65.3	738.55	63	0	0	68.37	-4.84	4.77	0.09	0	0	0	-3.13	-3.13
Transformer Side 2b	TRSide2b	452737.6	4774655	240	0	77.4	77.4	738.55	125	0	0	68.37	3.52	1.26	0.3	0	0	0	3.91	3.91
Transformer Side 2b	TRSide2b	452737.6	4774655	240	0	79.9	79.9	738.55	250	0	0	68.37	0.15	4.62	0.77	0	0	0	5.94	5.94
Transformer Side 2b	TRSide2b	452737.6	4774655	240	0	85.3	85.3	738.55	500	0	0	68.37	-1.45	4.79	1.42	0	0	0	12.13	12.13
Transformer Side 2b	TRSide2b	452737.6	4774655	240	0	82.5	82.5	738.55	1000	0	0	68.37	-1.45	4.8	2.7	0	0	0	8.04	8.04
Transformer Side 2b	TRSide2b	452737.6	4774655	240	0	78.7	78.7	738.55	2000	0	0	68.37	-1.45	4.83	7.14	0	0	0	-0.22	-0.22
Transformer Side 2b	TRSide2b	452737.6	4774655	240	0	73.5	73.5	738.55	4000	0	0	68.37	-1.45	4.88	24.2	0	0	0	-22.54	-22.54
Transformer Side 2b	TRSide2b	452737.6	4774655	240	0	64.4	64.4	738.55	8000	0	0	68.37	-1.45	4.99	86.32	0	0	0	-93.87	-93.87
Transformer Side 2a	TRSide2a	452733	4774662	237	0	46.1	46.1	745.73	32	0	0	68.45	-5.22	3.52	0.02	0	0	0	-20.73	-20.73
Transformer Side 2a	TRSide2a	452733	4774662	237	0	65.3	65.3	745.73	63	0	0	68.45	-5.22	4.41	0.09	0	0	0	-2.48	-2.48
Transformer Side 2a	TRSide2a	452733	4774662	237	0	77.4	77.4	745.73	125	0	0	68.45	3.89	1.83	0.31	0	0	0	2.87	2.87
Transformer Side 2a	TRSide2a	452733	4774662	237	0	79.9	79.9	745.73	250	0	0	68.45	3.61	3.16	0.78	0	0	0	3.86	3.86
Transformer Side 2a	TRSide2a	452733	4774662	237	0	85.3	85.3	745.73	500	0	0	68.45	-0.01	8.1	1.44	0	0	0	7.27	7.27
Transformer Side 2a	TRSide2a	452733	4774662	237	0	82.5	82.5	745.73	1000	0	0	68.45	-1.47	10.12	2.73	0	0	0	2.63	2.63
Transformer Side 2a	TRSide2a	452733	4774662	237	0	78.7	78.7	745.73	2000	0	0	68.45	-1.56	12.51	7.21	0	0	0	-7.95	-7.95
Transformer Side 2a	TRSide2a	452733	4774662	237	0	73.5	73.5	745.73	4000	0	0	68.45	-1.56	15.18	24.44	0	0	0	-33.04	-33.04
Transformer Side 2a	TRSide2a	452733	4774662	237	0	64.4	64.4	745.73	8000	0	0	68.45	-1.56	18	87.16	0	0	0	-107.69	-107.69
Transformer Side 2a	TRSide2a	452739	4774660	237	0	46.1	46.1	744.36	32	0	0	68.44	-5.21	3.16	0.02	0	0	0	-20.35	-20.35
Transformer Side 2a	TRSide2a	452739	4774660	237	0	65.3	65.3	744.36	63	0	0	68.44	-5.21	4.06	0.09	0	0	0	-2.12	-2.12
Transformer Side 2a	TRSide2a	452739	4774660	237	0	77.4	77.4	744.36	125	0	0	68.44	3.89	1.72	0.31	0	0	0	3.01	3.01
Transformer Side 2a	TRSide2a	452739	4774660	237	0	79.9	79.9	744.36	250	0	0	68.44	3.61	3.08	0.78	0	0	0	3.96	3.96
Transformer Side 2a	TRSide2a	452739	4774660	237	0	85.3	85.3	744.36	500	0	0	68.44	-0.01	7.96	1.44	0	0	0	7.44	7.44
Transformer Side 2a	TRSide2a	452739	4774660	237	0	82.5	82.5	744.36	1000	0	0	68.44	-1.47	10.01	2.72	0	0	0	2.76	2.76
Transformer Side 2a	TRSide2a	452739	4774660	237	0	78.7	78.7	744.36	2000	0	0	68.44	-1.56	12.43	7.19	0	0	0	-7.84	-7.84
Transformer Side 2a	TRSide2a	452739	4774660	237	0	73.5	73.5	744.36	4000	0	0	68.44	-1.56	15.11	24.39	0	0	0	-32.91	-32.91
Transformer Side 2a	TRSide2a	452739	4774660	237	0	64.4	64.4	744.36	8000	0	0	68.44	-1.56	17.94	87	0	0	0	-107.45	-107.45
Transformer Side 2a	TRSide2a	452733	4774662	238	0	46.1	46.1	745.73	32	0	0	68.45	-5.09	3.36	0.02	0	0	0	-20.69	-20.69
Transformer Side 2a	TRSide2a	452733	4774662	238	0	65.3	65.3	745.73	63	0	0	68.45	-5.09	4.06	0.09	0	0	0	-2.25	-2.25
Transformer Side 2a	TRSide2a	452733	4774662	238	0	77.4	77.4	745.73	125	0	0	68.45	3.72	1.24	0.31	0	0	0	3.64	3.64
Transformer Side 2a	TRSide2a	452733	4774662	238	0	79.9	79.9	745.73	250	0	0	68.45	2.12	3.28	0.78	0	0	0	5.23	5.23
Transformer Side 2a	TRSide2a	452733	4774662	238	0	85.3	85.3	745.73	500	0	0	68.45	-1.37	6.1	1.44	0	0	0	10.64	10.64
Transformer Side 2a	TRSide2a	452733	4774662	238	0	82.5	82.5	745.73	1000	0	0	68.45	-1.53	7.29	2.73	0	0	0	5.52	5.52
Transformer Side 2a	TRSide2a	452733	4774662	238	0	78.7	78.7	745.73	2000	0	0	68.45	-1.53	8.95	7.21	0	0	0	-4.43	-4.43
Transformer Side 2a	TRSide2a	452733	4774662	238	0	73.5	73.5	745.73	4000	0	0	68.45	-1.53	11.08	24.44	0	0	0	-28.99	-28.99
Transformer Side 2a	TRSide2a	452733	4774662	238	0	64.4	64.4	745.73	8000	0	0	68.45	-1.53	13.57	87.16	0	0	0	-103.3	-103.3
Transformer Side 2a	TRSide2a	452739	4774660	238	0	46.1	46.1	744.36	32	0	0	68.44	-5.09	3.01	0.02	0	0	0	-20.32	-20.32
Transformer Side 2a	TRSide2a	452739	4774660	238	0	65.3	65.3	744.36	63	0	0	68.44	-5.09	3.73	0.09	0	0	0	-1.91	-1.91
Transformer Side 2a	TRSide2a	452739	4774660	238	0	77.4	77.4	744.36	125	0	0	68.44	3.72	1.14	0.31	0	0	0	3.76	3.76
Transformer Side 2a	TRSide2a	452739	4774660	238	0	79.9	79.9	744.36	250	0	0	68.44	2.12	3.18	0.78	0	0	0	5.34	5.34
Transformer Side 2a	TRSide2a	452739	4774660	238	0	85.3	85.3	744.36	500	0	0	68.44	-1.37	6.01	1.44	0	0	0	10.75	10.75
Transformer Side 2a	TRSide2a	452739	4774660	238	0	82.5	82.5	744.36	1000	0	0	68.44	-1.53	7.24	2.72	0	0	0	5.58	5.58
Transformer Side 2a	TRSide2a	452739	4774660	238	0	78.7	78.7	744.36	2000	0	0	68.44	-1.53	8.94	7.19	0	0	0	-4.38	-4.38
Transformer Side 2a	TRSide2a	452739	4774660	238	0	73.5	73.5	744.36	4000	0	0	68.44	-1.53	11.09	24.39	0	0	0	-28.93	-28.93
Transformer Side 2a	TRSide2a	452739	4774660	238	0	64.4	64.4	744.36	8000	0	0	68.44	-1.53	13.59	87	0	0	0	-103.14	-103.14
Transformer Side 2a	TRSide2a	452733	4774662	239	0	46.1	46.1	745.73	32	0	0	68.45	-4.97	4.78	0.02	0	0	0	-22.23	-22.23
Transformer Side 2a	TRSide2a	452733	4774662	239	0	65.3	65.3	745.73	63	0	0	68.45	-4.97	4.8	0.09	0	0	0	-3.11	-3.11
Transformer Side 2a	TRSide2a	452733	4774662	239	0	77.4	77.4	745.73	125	0	0	68.45	3.66	1.16	0.31	0	0	0	3.77	3.77
Transformer Side 2a	TRSide2a	452733	4774662	239	0	79.9	79.9	745.73	250	0	0	68.45	0.91	3.97	0.78	0	0	0	5.75	5.75
Transformer Side 2a	TRSide2a	452733	4774662	239	0	85.3	85.3	745.73	500	0	0	68.45	-1.49	4.98	1.44	0	0	0	11.87	11.87
Transformer Side 2a	TRSide2a	452733	4774662	239	0	82.5	82.5	745.73	1000	0	0	68.45	-1.49	5.19	2.73	0	0	0	7.58	7.58
Transformer Side 2a	TRSide2a	452733	4774662	239	0	78.7	78.7	745.73	2000	0	0	68.45	-1.49	5.57	7.					

Transformer Side 2a	TRSide2a	452739	4774660	239	0	64.4	64.4	744.36	8000	0	0	68.44	-1.49	7.36	87	0	0	0	0	-96.95	-96.95
Transformer Side 2a	TRSide2a	452733	4774662	240	0	46.1	46.1	745.73	32	0	0	68.45	-4.85	4.77	0.02	0	0	0	0	-22.34	-22.34
Transformer Side 2a	TRSide2a	452733	4774662	240	0	65.3	65.3	745.73	63	0	0	68.45	-4.85	4.77	0.09	0	0	0	0	-3.2	-3.2
Transformer Side 2a	TRSide2a	452733	4774662	240	0	77.4	77.4	745.73	125	0	0	68.45	3.52	1.25	0.31	0	0	0	0	3.83	3.83
Transformer Side 2a	TRSide2a	452733	4774662	240	0	79.9	79.9	745.73	250	0	0	68.45	0.15	4.62	0.78	0	0	0	0	5.86	5.86
Transformer Side 2a	TRSide2a	452733	4774662	240	0	85.3	85.3	745.73	500	0	0	68.45	-1.46	4.77	1.44	0	0	0	0	12.05	12.05
Transformer Side 2a	TRSide2a	452733	4774662	240	0	82.5	82.5	745.73	1000	0	0	68.45	-1.46	4.77	2.73	0	0	0	0	7.96	7.96
Transformer Side 2a	TRSide2a	452733	4774662	240	0	78.7	78.7	745.73	2000	0	0	68.45	-1.46	4.77	7.21	0	0	0	0	-0.32	-0.32
Transformer Side 2a	TRSide2a	452733	4774662	240	0	73.5	73.5	745.73	4000	0	0	68.45	-1.46	4.77	24.44	0	0	0	0	-22.75	-22.75
Transformer Side 2a	TRSide2a	452733	4774662	240	0	64.4	64.4	745.73	8000	0	0	68.45	-1.46	4.77	87.16	0	0	0	0	-94.57	-94.57
Transformer Side 2a	TRSide2a	452739	4774660	240	0	46.1	46.1	744.36	32	0	0	68.44	-4.85	4.77	0.02	0	0	0	0	-22.32	-22.32
Transformer Side 2a	TRSide2a	452739	4774660	240	0	65.3	65.3	744.36	63	0	0	68.44	-4.85	4.77	0.09	0	0	0	0	-3.19	-3.19
Transformer Side 2a	TRSide2a	452739	4774660	240	0	77.4	77.4	744.36	125	0	0	68.44	3.52	1.25	0.31	0	0	0	0	3.84	3.84
Transformer Side 2a	TRSide2a	452739	4774660	240	0	79.9	79.9	744.36	250	0	0	68.44	0.15	4.62	0.78	0	0	0	0	5.87	5.87
Transformer Side 2a	TRSide2a	452739	4774660	240	0	85.3	85.3	744.36	500	0	0	68.44	-1.45	4.77	1.44	0	0	0	0	12.07	12.07
Transformer Side 2a	TRSide2a	452739	4774660	240	0	82.5	82.5	744.36	1000	0	0	68.44	-1.46	4.77	2.72	0	0	0	0	7.98	7.98
Transformer Side 2a	TRSide2a	452739	4774660	240	0	78.7	78.7	744.36	2000	0	0	68.44	-1.46	4.77	7.19	0	0	0	0	-0.29	-0.29
Transformer Side 2a	TRSide2a	452739	4774660	240	0	73.5	73.5	744.36	4000	0	0	68.44	-1.46	4.77	24.39	0	0	0	0	-22.69	-22.69
Transformer Side 2a	TRSide2a	452739	4774660	240	0	64.4	64.4	744.36	8000	0	0	68.44	-1.46	4.77	87	0	0	0	0	-94.4	-94.4
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	47.4	47.4	733.07	32	0	0	68.3	-5.08	3.01	0.02	0	0	0	0	-18.89	-18.89
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	66.6	66.6	733.07	63	0	0	68.3	-5.08	3.86	0.09	0	0	0	0	-0.61	-0.61
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	78.7	78.7	733.07	125	0	0	68.3	3.7	1.72	0.3	0	0	0	0	4.65	4.65
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	81.2	81.2	733.07	250	0	0	68.3	2.13	4.2	0.76	0	0	0	0	5.77	5.77
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	86.6	86.6	733.07	500	0	0	68.3	-1.37	7.63	1.41	0	0	0	0	10.59	10.59
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	83.8	83.8	733.07	1000	0	0	68.3	-1.52	9.62	2.68	0	0	0	0	4.69	4.69
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	80	80	733.07	2000	0	0	68.3	-1.52	11.99	7.08	0	0	0	0	-5.89	-5.89
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	74.8	74.8	733.07	4000	0	0	68.3	-1.52	14.64	24.02	0	0	0	0	-30.67	-30.67
Transformer Side 1b	TRSide1b	452783	4774647	235.61	0	65.7	65.7	733.07	8000	0	0	68.3	-1.52	17.45	85.68	0	0	0	0	-104.25	-104.25
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	47.4	47.4	733.07	32	0	0	68.3	-4.96	3.11	0.02	0	0	0	0	-19.12	-19.12
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	66.6	66.6	733.07	63	0	0	68.3	-4.96	3.68	0.09	0	0	0	0	-0.55	-0.55
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	78.7	78.7	733.07	125	0	0	68.3	3.65	1.03	0.3	0	0	0	0	5.38	5.38
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	81.2	81.2	733.07	250	0	0	68.3	0.91	3.99	0.76	0	0	0	0	7.19	7.19
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	86.6	86.6	733.07	500	0	0	68.3	-1.48	5.48	1.41	0	0	0	0	12.85	12.85
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	83.8	83.8	733.07	1000	0	0	68.3	-1.49	6.41	2.68	0	0	0	0	7.86	7.86
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	80	80	733.07	2000	0	0	68.3	-1.49	7.74	7.08	0	0	0	0	-1.67	-1.67
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	74.8	74.8	733.07	4000	0	0	68.3	-1.49	9.56	24.02	0	0	0	0	-25.63	-25.63
Transformer Side 1b	TRSide1b	452783	4774647	236.61	0	65.7	65.7	733.07	8000	0	0	68.3	-1.49	11.82	85.68	0	0	0	0	-98.65	-98.65
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	47.4	47.4	733.07	32	0	0	68.3	-4.83	3.07	0.02	0	0	0	0	-19.19	-19.19
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	66.6	66.6	733.07	63	0	0	68.3	-4.83	3.58	0.09	0	0	0	0	-0.57	-0.57
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	78.7	78.7	733.07	125	0	0	68.3	3.52	0.91	0.3	0	0	0	0	5.64	5.64
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	81.2	81.2	733.07	250	0	0	68.3	0.16	4.21	0.76	0	0	0	0	7.74	7.74
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	86.6	86.6	733.07	500	0	0	68.3	-1.45	4.56	1.41	0	0	0	0	13.74	13.74
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	83.8	83.8	733.07	1000	0	0	68.3	-1.45	4.69	2.68	0	0	0	0	9.54	9.54
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	80	80	733.07	2000	0	0	68.3	-1.45	4.8	7.08	0	0	0	0	1.24	1.24
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	74.8	74.8	733.07	4000	0	0	68.3	-1.45	4.91	24.02	0	0	0	0	-21.02	-21.02
Transformer Side 1b	TRSide1b	452783	4774647	237.61	0	65.7	65.7	733.07	8000	0	0	68.3	-1.45	5.09	85.68	0	0	0	0	-91.96	-91.96
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	47.4	47.4	733.07	32	0	0	68.3	-5.2	4.77	0.02	0	0	0	0	-20.53	-20.53
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	66.6	66.6	733.07	63	0	0	68.3	-5.2	4.77	0.09	0	0	0	0	-1.39	-1.39
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	78.7	78.7	733.07	125	0	0	68.3	3.86	2.67	0.3	0	0	0	0	3.53	3.53
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	81.2	81.2	733.07	250	0	0	68.3	3.61	4.55	0.76	0	0	0	0	3.94	3.94
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	86.6	86.6	733.07	500	0	0	68.3	0	9.76	1.41	0	0	0	0	7.1	7.1
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	83.8	83.8	733.07	1000	0	0	68.3	-1.46	12.26	2.68	0	0	0	0	1.99	1.99
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	80	80	733.07	2000	0	0	68.3	-1.56	14.99	7.08	0	0	0	0	-8.85	-8.85
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	74.8	74.8	733.07	4000	0	0	68.3	-1.56	17.85	24.02	0	0	0	0	-33.84	-33.84
Transformer Side 1b	TRSide1b	452783	4774647	234.61	0	65.7	65.7	733.07	8000	0	0	68.3	-1.56	19.45	85.68	0	0	0	0	-106.21	-106.21
Transformer Side 1a	TRSide1a	452771	4774650	238.51	0	47.4	47.4	735.13	32	0	0	68.33	-4.84	4.77	0.02	0	0	0	0	-20.92	-20.92
Transformer Side 1a	TRSide1a	452771	4774650	238.51	0	66.6	66.6	735.13	63	0	0	68.33	-4.84	4.77	0.09	0	0	0	0	-1.79	-1.79
Transformer Side 1a	TRSide1a	452771	4774650	238.51	0	78.7	78.7	735.13	125	0	0	68.33	3.52	1.26	0.3	0	0	0	0	5.26	5.26
Transformer Side 1a	TRSide1a	452771	4774650	238.51	0	81.2	81.2	735.13	250	0	0	68.33	0.16	4.63	0.77	0	0	0	0	7.29	7.29
Transformer Side 1a	TRSide1a	452771	4774650	238.51	0	86.6	86.6	735.13	500	0	0	68.33	-1.45	4.79	1.42	0	0	0	0	13.48	13.48
Transformer Side 1a	TRSide1a	452771	4774650	238.51	0	83.8	83.8	735.13	1000	0	0	68.33	-1.45	4.81	2.69	0	0	0	0	9.39	9.39
Transformer Side 1a	TRSide1a	452771	4774650	238.51	0	80	80	735.13	2000	0	0	68.33	-1.45	4.85	7.1	0	0	0	0	1.13	1.13
Transformer Side 1a	TRSide1a	452771	4774650	238.51	0	74.8	74.8	735.13	4000	0	0	68.33	-1.45	4.94	24.09	0	0	0	0	-21.13	-21.13
Transformer Side 1a	TRSide1a	452771	4774650	238.51	0	65.7	65.7	735.13	8000	0	0	68.33	-1.45	5.09	85.92	0	0	0	0	-92.23	-92.23
Transformer Side 1a	TRSide1a	452771	4774650	237.51	0	47.4	47.4	735.13	32												

Transformer Side 1a	TRSide1a	452771	4774650	235.51	0	86.6	86.6	735.13	500	0	0	68.33	0	10.11	1.42	0	0	0	0	6.71	6.71
Transformer Side 1a	TRSide1a	452771	4774650	235.51	0	83.8	83.8	735.13	1000	0	0	68.33	-1.47	12.58	2.69	0	0	0	0	1.64	1.64
Transformer Side 1a	TRSide1a	452771	4774650	235.51	0	80	80	735.13	2000	0	0	68.33	-1.56	15.28	7.1	0	0	0	0	-9.18	-9.18
Transformer Side 1a	TRSide1a	452771	4774650	235.51	0	74.8	74.8	735.13	4000	0	0	68.33	-1.56	18.13	24.09	0	0	0	0	-34.22	-34.22
Transformer Side 1a	TRSide1a	452771	4774650	235.51	0	65.7	65.7	735.13	8000	0	0	68.33	-1.56	19.71	85.92	0	0	0	0	-106.73	-106.73
Transformer Side 1a	TRSide1a	452771	4774650	236.51	0	47.4	47.4	735.13	32	0	0	68.33	-5.08	3.51	0.02	0	0	0	0	-19.41	-19.41
Transformer Side 1a	TRSide1a	452771	4774650	236.51	0	66.6	66.6	735.13	63	0	0	68.33	-5.08	4.36	0.09	0	0	0	0	-1.12	-1.12
Transformer Side 1a	TRSide1a	452771	4774650	236.51	0	78.7	78.7	735.13	125	0	0	68.33	3.7	1.89	0.3	0	0	0	0	4.44	4.44
Transformer Side 1a	TRSide1a	452771	4774650	236.51	0	81.2	81.2	735.13	250	0	0	68.33	2.13	4.37	0.77	0	0	0	0	5.57	5.57
Transformer Side 1a	TRSide1a	452771	4774650	236.51	0	86.6	86.6	735.13	500	0	0	68.33	-1.37	7.82	1.42	0	0	0	0	10.37	10.37
Transformer Side 1a	TRSide1a	452771	4774650	236.51	0	83.8	83.8	735.13	1000	0	0	68.33	-1.52	9.75	2.69	0	0	0	0	4.52	4.52
Transformer Side 1a	TRSide1a	452771	4774650	236.51	0	80	80	735.13	2000	0	0	68.33	-1.52	12.09	7.1	0	0	0	0	-6.03	-6.03
Transformer Side 1a	TRSide1a	452771	4774650	236.51	0	74.8	74.8	735.13	4000	0	0	68.33	-1.52	14.71	24.09	0	0	0	0	-30.84	-30.84
Transformer Side 1a	TRSide1a	452771	4774650	236.51	0	65.7	65.7	735.13	8000	0	0	68.33	-1.52	17.52	85.92	0	0	0	0	-104.57	-104.57
Transformer Side 1b	TRSide1b	452741.3	4774657	240	0	47.4	47.4	740.79	32	0	0	68.39	-4.85	4.77	0.02	0	0	0	0	-20.98	-20.98
Transformer Side 1b	TRSide1b	452741.3	4774657	240	0	66.6	66.6	740.79	63	0	0	68.39	-4.85	4.77	0.09	0	0	0	0	-1.84	-1.84
Transformer Side 1b	TRSide1b	452741.3	4774657	240	0	78.7	78.7	740.79	125	0	0	68.39	3.52	1.25	0.3	0	0	0	0	5.2	5.2
Transformer Side 1b	TRSide1b	452741.3	4774657	240	0	81.2	81.2	740.79	250	0	0	68.39	0.15	4.62	0.77	0	0	0	0	7.23	7.23
Transformer Side 1b	TRSide1b	452741.3	4774657	240	0	86.6	86.6	740.79	500	0	0	68.39	-1.45	4.77	1.43	0	0	0	0	13.43	13.43
Transformer Side 1b	TRSide1b	452741.3	4774657	240	0	83.8	83.8	740.79	1000	0	0	68.39	-1.45	4.77	2.71	0	0	0	0	9.34	9.34
Transformer Side 1b	TRSide1b	452741.3	4774657	240	0	80	80	740.79	2000	0	0	68.39	-1.45	4.78	7.16	0	0	0	0	1.09	1.09
Transformer Side 1b	TRSide1b	452741.3	4774657	240	0	74.8	74.8	740.79	4000	0	0	68.39	-1.45	4.78	24.28	0	0	0	0	-21.23	-21.23
Transformer Side 1b	TRSide1b	452741.3	4774657	240	0	65.7	65.7	740.79	8000	0	0	68.39	-1.45	4.79	86.59	0	0	0	0	-92.65	-92.65
Transformer Side 1b	TRSide1b	452741.3	4774657	239	0	47.4	47.4	740.79	32	0	0	68.39	-4.97	3.01	0.02	0	0	0	0	-19.09	-19.09
Transformer Side 1b	TRSide1b	452741.3	4774657	239	0	66.6	66.6	740.79	63	0	0	68.39	-4.97	3.55	0.09	0	0	0	0	-0.5	-0.5
Transformer Side 1b	TRSide1b	452741.3	4774657	239	0	78.7	78.7	740.79	125	0	0	68.39	3.66	0.88	0.3	0	0	0	0	5.43	5.43
Transformer Side 1b	TRSide1b	452741.3	4774657	239	0	81.2	81.2	740.79	250	0	0	68.39	0.91	3.74	0.77	0	0	0	0	7.35	7.35
Transformer Side 1b	TRSide1b	452741.3	4774657	239	0	86.6	86.6	740.79	500	0	0	68.39	-1.48	5.04	1.43	0	0	0	0	13.18	13.18
Transformer Side 1b	TRSide1b	452741.3	4774657	239	0	83.8	83.8	740.79	1000	0	0	68.39	-1.49	5.67	2.71	0	0	0	0	8.49	8.49
Transformer Side 1b	TRSide1b	452741.3	4774657	239	0	80	80	740.79	2000	0	0	68.39	-1.49	6.59	7.16	0	0	0	0	-0.68	-0.68
Transformer Side 1b	TRSide1b	452741.3	4774657	239	0	74.8	74.8	740.79	4000	0	0	68.39	-1.49	7.95	24.28	0	0	0	0	-24.36	-24.36
Transformer Side 1b	TRSide1b	452741.3	4774657	239	0	65.7	65.7	740.79	8000	0	0	68.39	-1.49	9.8	86.58	0	0	0	0	-97.62	-97.62
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	47.4	47.4	740.79	32	0	0	68.39	-5.09	3.14	0.02	0	0	0	0	-19.1	-19.1
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	66.6	66.6	740.79	63	0	0	68.39	-5.09	3.83	0.09	0	0	0	0	-0.66	-0.66
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	78.7	78.7	740.79	125	0	0	68.39	3.71	1.47	0.3	0	0	0	0	4.79	4.79
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	81.2	81.2	740.79	250	0	0	68.39	2.12	3.79	0.77	0	0	0	0	6.08	6.08
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	86.6	86.6	740.79	500	0	0	68.39	-1.37	7.02	1.43	0	0	0	0	11.1	11.1
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	83.8	83.8	740.79	1000	0	0	68.39	-1.53	8.79	2.71	0	0	0	0	5.4	5.4
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	80	80	740.79	2000	0	0	68.39	-1.53	10.98	7.16	0	0	0	0	-5.04	-5.04
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	74.8	74.8	740.79	4000	0	0	68.39	-1.53	13.51	24.28	0	0	0	0	-29.88	-29.88
Transformer Side 1b	TRSide1b	452741.3	4774657	238	0	65.7	65.7	740.79	8000	0	0	68.39	-1.53	16.25	86.58	0	0	0	0	-104.03	-104.03
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	47.4	47.4	740.78	32	0	0	68.39	-5.21	3.13	0.02	0	0	0	0	-18.96	-18.96
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	66.6	66.6	740.78	63	0	0	68.39	-5.21	4.15	0.09	0	0	0	0	-0.86	-0.86
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	78.7	78.7	740.78	125	0	0	68.39	3.88	2.31	0.3	0	0	0	0	3.78	3.78
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	81.2	81.2	740.78	250	0	0	68.39	3.61	4.07	0.77	0	0	0	0	4.32	4.32
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	86.6	86.6	740.78	500	0	0	68.39	-0.01	9.17	1.43	0	0	0	0	7.58	7.58
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	83.8	83.8	740.78	1000	0	0	68.39	-1.47	11.59	2.71	0	0	0	0	2.54	2.54
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	80	80	740.78	2000	0	0	68.39	-1.56	14.26	7.16	0	0	0	0	-8.28	-8.28
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	74.8	74.8	740.78	4000	0	0	68.39	-1.56	17.08	24.28	0	0	0	0	-33.42	-33.42
Transformer Side 1b	TRSide1b	452741.3	4774657	237	0	65.7	65.7	740.78	8000	0	0	68.39	-1.56	19.4	86.58	0	0	0	0	-107.15	-107.15
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	47.4	47.4	743.54	32	0	0	68.43	-4.85	4.77	0.02	0	0	0	0	-21	-21
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	66.6	66.6	743.54	63	0	0	68.43	-4.85	4.77	0.09	0	0	0	0	-1.87	-1.87
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	78.7	78.7	743.54	125	0	0	68.43	3.52	1.25	0.31	0	0	0	0	5.16	5.16
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	81.2	81.2	743.54	250	0	0	68.43	0.15	4.62	0.78	0	0	0	0	7.19	7.19
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	86.6	86.6	743.54	500	0	0	68.43	-1.45	4.77	1.43	0	0	0	0	13.39	13.39
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	83.8	83.8	743.54	1000	0	0	68.43	-1.46	4.77	2.72	0	0	0	0	9.3	9.3
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	80	80	743.54	2000	0	0	68.43	-1.46	4.78	7.19	0	0	0	0	1.04	1.04
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	74.8	74.8	743.54	4000	0	0	68.43	-1.46	4.78	24.37	0	0	0	0	-21.35	-21.35
Transformer Side 1a	TRSide1a	452729.3	4774660	240	0	65.7	65.7	743.54	8000	0	0	68.43	-1.46	4.79	86.91	0	0	0	0	-93	-93
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	47.4	47.4	743.54	32	0	0	68.43	-4.97	3.86	0.02	0	0	0	0	-19.97	-19.97
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	66.6	66.6	743.54	63	0	0	68.43	-4.97	4.28	0.09	0	0	0	0	-1.26	-1.26
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	78.7	78.7	743.54	125	0	0	68.43	3.66	1.11	0.31	0	0	0	0	5.16	5.16
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	81.2	81.2	743.54	250	0	0	68.43	0.91	4	0.78	0	0	0	0	7.06	7.06
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	86.6	86.6	743.54	500	0	0	68.43	-1.48	5.22	1.43	0	0	0	0	12.97	12.97
Transformer Side 1a	TRSide1a	452729.3	4774660	239	0	83.8															

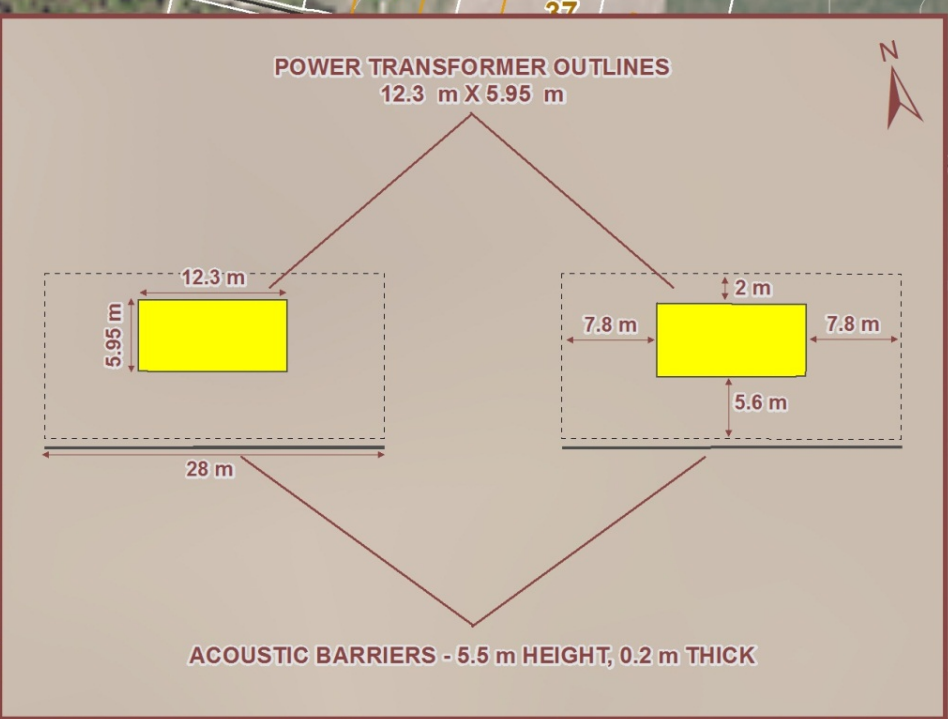
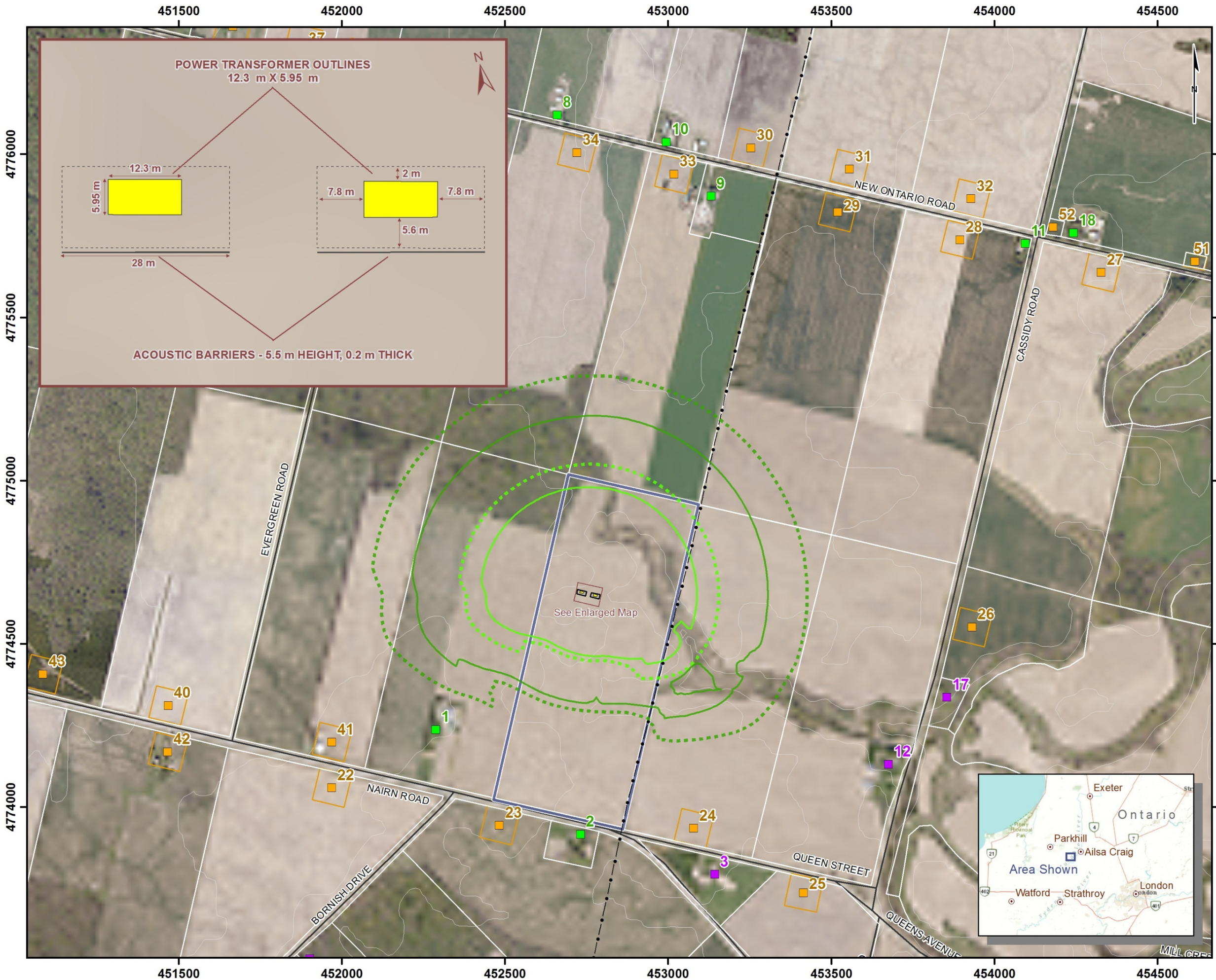


Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	47.4	47.4	743.54	32	0	0	68.43	-5.21	3.75	0.02	0	0	0	0	-19.62	-19.62
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	66.6	66.6	743.54	63	0	0	68.43	-5.21	4.8	0.09	0	0	0	0	-1.54	-1.54
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	78.7	78.7	743.54	125	0	0	68.43	3.89	2.55	0.31	0	0	0	0	3.5	3.5
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	81.2	81.2	743.54	250	0	0	68.43	3.61	4.27	0.78	0	0	0	0	4.09	4.09
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	86.6	86.6	743.54	500	0	0	68.43	-0.01	9.56	1.43	0	0	0	0	7.15	7.15
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	83.8	83.8	743.54	1000	0	0	68.43	-1.47	11.92	2.72	0	0	0	0	2.17	2.17
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	80	80	743.54	2000	0	0	68.43	-1.56	14.56	7.19	0	0	0	0	-8.64	-8.64
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	74.8	74.8	743.54	4000	0	0	68.43	-1.56	17.37	24.37	0	0	0	0	-33.83	-33.83
Transformer Side 1a	TRSide1a	452729.3	4774660	237	0	65.7	65.7	743.54	8000	0	0	68.43	-1.56	19.73	86.91	0	0	0	0	-107.83	-107.83
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	46.1	46.1	731.14	32	0	0	68.28	-5.29	4.86	0.02	0	0	0	0	-21.81	-21.81
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	65.3	65.3	731.14	63	0	0	68.28	-5.29	6.49	0.09	0	0	0	0	-4.31	-4.31
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	77.4	77.4	731.14	125	0	0	68.28	4.03	5.01	0.3	0	0	0	0	-0.27	-0.27
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	79.9	79.9	731.14	250	0	0	68.28	4.62	6.74	0.76	0	0	0	0	-0.54	-0.54
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	85.3	85.3	731.14	500	0	0	68.28	3.19	10.63	1.41	0	0	0	0	1.75	1.75
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	82.5	82.5	731.14	1000	0	0	68.28	-0.73	16.21	2.67	0	0	0	0	-3.98	-3.98
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	78.7	78.7	731.14	2000	0	0	68.28	-1.59	19.11	7.07	0	0	0	0	-14.21	-14.21
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	73.5	73.5	731.14	4000	0	0	68.28	-1.59	19.6	23.96	0	0	0	0	-36.79	-36.79
Transformer Side 2b	TRSide2b	452776.3	4774646	234.44	0	64.4	64.4	731.14	8000	0	0	68.28	-1.59	19.79	85.46	0	0	0	0	-107.59	-107.59
Transformer Side 2a	TRSide2a	452777.7	4774652	234.18	0	46.1	46.1	737.01	32	0	0	68.35	-5.3	4.77	0.02	0	0	0	0	-21.79	-21.79
Transformer Side 2a	TRSide2a	452777.7	4774652	234.18	0	65.3	65.3	737.01	63	0	0	68.35	-5.3	4.92	0.09	0	0	0	0	-2.81	-2.81
Transformer Side 2a	TRSide2a	452777.7	4774652	234.18	0	77.4	77.4	737.01	125	0	0	68.35	4.05	2.78	0.3	0	0	0	0	1.87	1.87
Transformer Side 2a	TRSide2a	452777.7	4774652	234.18	0	79.9	79.9	737.01	250	0	0	68.35	4.61	3.89	0.77	0	0	0	0	2.23	2.23
Transformer Side 2a	TRSide2a	452777.7	4774652	234.18	0	85.3	85.3	737.01	500	0	0	68.35	3.19	7.33	1.42	0	0	0	0	4.97	4.97
Transformer Side 2a	TRSide2a	452777.7	4774652	234.18	0	82.5	82.5	737.01	1000	0	0	68.35	-0.73	12.73	2.7	0	0	0	0	-0.58	-0.58
Transformer Side 2a	TRSide2a	452777.7	4774652	234.18	0	78.7	78.7	737.01	2000	0	0	68.35	-1.59	15.45	7.12	0	0	0	0	-10.67	-10.67
Transformer Side 2a	TRSide2a	452777.7	4774652	234.18	0	73.5	73.5	737.01	4000	0	0	68.35	-1.59	18.31	24.15	0	0	0	0	-35.76	-35.76
Transformer Side 2a	TRSide2a	452777.7	4774652	234.18	0	64.4	64.4	737.01	8000	0	0	68.35	-1.59	19.69	86.14	0	0	0	0	-108.24	-108.24
Transformer Side 2b	TRSide2b	452734.6	4774655	236.25	0	46.1	46.1	739.23	32	0	0	68.38	-5.3	4.77	0.02	0	0	0	0	-21.81	-21.81
Transformer Side 2b	TRSide2b	452734.6	4774655	236.25	0	65.3	65.3	739.23	63	0	0	68.38	-5.3	6.35	0.09	0	0	0	0	-4.25	-4.25
Transformer Side 2b	TRSide2b	452734.6	4774655	236.25	0	77.4	77.4	739.23	125	0	0	68.38	4.06	4.77	0.3	0	0	0	0	-0.15	-0.15
Transformer Side 2b	TRSide2b	452734.6	4774655	236.25	0	79.9	79.9	739.23	250	0	0	68.38	4.61	6.47	0.77	0	0	0	0	-0.37	-0.37
Transformer Side 2b	TRSide2b	452734.6	4774655	236.25	0	85.3	85.3	739.23	500	0	0	68.38	3.19	10.33	1.43	0	0	0	0	1.94	1.94
Transformer Side 2b	TRSide2b	452734.6	4774655	236.25	0	82.5	82.5	739.23	1000	0	0	68.38	-0.73	15.91	2.7	0	0	0	0	-3.8	-3.8
Transformer Side 2b	TRSide2b	452734.6	4774655	236.25	0	78.7	78.7	739.23	2000	0	0	68.38	-1.59	18.8	7.14	0	0	0	0	-14.07	-14.07
Transformer Side 2b	TRSide2b	452734.6	4774655	236.25	0	73.5	73.5	739.23	4000	0	0	68.38	-1.59	19.59	24.22	0	0	0	0	-37.14	-37.14
Transformer Side 2b	TRSide2b	452734.6	4774655	236.25	0	64.4	64.4	739.23	8000	0	0	68.38	-1.59	19.79	86.4	0	0	0	0	-108.62	-108.62
Transformer Side 2a	TRSide2a	452736	4774661	236.25	0	46.1	46.1	745.03	32	0	0	68.44	-5.31	3.61	0.02	0	0	0	0	-20.72	-20.72
Transformer Side 2a	TRSide2a	452736	4774661	236.25	0	65.3	65.3	745.03	63	0	0	68.44	-5.31	4.69	0.09	0	0	0	0	-2.66	-2.66
Transformer Side 2a	TRSide2a	452736	4774661	236.25	0	77.4	77.4	745.03	125	0	0	68.44	4.08	2.37	0.31	0	0	0	0	2.16	2.16
Transformer Side 2a	TRSide2a	452736	4774661	236.25	0	79.9	79.9	745.03	250	0	0	68.44	4.61	3.33	0.78	0	0	0	0	2.69	2.69
Transformer Side 2a	TRSide2a	452736	4774661	236.25	0	85.3	85.3	745.03	500	0	0	68.44	3.19	6.62	1.44	0	0	0	0	5.57	5.57
Transformer Side 2a	TRSide2a	452736	4774661	236.25	0	82.5	82.5	745.03	1000	0	0	68.44	-0.73	11.94	2.73	0	0	0	0	0.09	0.09
Transformer Side 2a	TRSide2a	452736	4774661	236.25	0	78.7	78.7	745.03	2000	0	0	68.44	-1.59	14.59	7.2	0	0	0	0	-9.98	-9.98
Transformer Side 2a	TRSide2a	452736	4774661	236.25	0	73.5	73.5	745.03	4000	0	0	68.44	-1.59	17.4	24.41	0	0	0	0	-35.21	-35.21
Transformer Side 2a	TRSide2a	452736	4774661	236.25	0	64.4	64.4	745.03	8000	0	0	68.44	-1.59	19.68	87.08	0	0	0	0	-109.26	-109.26
Transformer Side 1b	TRSide1b	452783	4774647	233.86	0	44.4	44.4	733.08	32	0	0	68.3	-5.29	4.78	0.02	0	0	0	0	-23.45	-23.45
Transformer Side 1b	TRSide1b	452783	4774647	233.86	0	63.6	63.6	733.08	63	0	0	68.3	-5.29	4.81	0.09	0	0	0	0	-4.35	-4.35
Transformer Side 1b	TRSide1b	452783	4774647	233.86	0	75.7	75.7	733.08	125	0	0	68.3	4.04	3.38	0.3	0	0	0	0	-0.36	-0.36
Transformer Side 1b	TRSide1b	452783	4774647	233.86	0	78.2	78.2	733.08	250	0	0	68.3	4.62	4.85	0.76	0	0	0	0	-0.38	-0.38
Transformer Side 1b	TRSide1b	452783	4774647	233.86	0	83.6	83.6	733.08	500	0	0	68.3	3.19	8.46	1.41	0	0	0	0	2.19	2.19
Transformer Side 1b	TRSide1b	452783	4774647	233.86	0	80.8	80.8	733.08	1000	0	0	68.3	-0.73	13.71	2.68	0	0	0	0	-3.21	-3.21
Transformer Side 1b	TRSide1b	452783	4774647	233.86	0	77	77	733.08	2000	0	0	68.3	-1.59	16.54	7.08	0	0	0	0	-13.38	-13.38
Transformer Side 1b	TRSide1b	452783	4774647	233.86	0	71.8	71.8	733.08	4000	0	0	68.3	-1.59	18.97	24.02	0	0	0	0	-37.95	-37.95
Transformer Side 1b	TRSide1b	452783	4774647	233.86	0	62.7	62.7	733.08	8000	0	0	68.3	-1.59	19.45	85.68	0	0	0	0	-109.2	-109.2
Transformer Side 1a	TRSide1a	452771	4774650	234.76	0	44.4	44.4	735.14	32	0	0	68.33	-5.3	4.77	0.02	0	0	0	0	-23.47	-23.47
Transformer Side 1a	TRSide1a	452771	4774650	234.76	0	63.6	63.6	735.14	63	0	0	68.33	-5.3	5.42	0.09	0	0	0	0	-4.99	-4.99
Transformer Side 1a	TRSide1a	452771	4774650	234.76	0	75.7	75.7	735.14	125	0	0	68.33	4.04	3.63	0.3	0	0	0	0	-0.64	-0.64
Transformer Side 1a	TRSide1a	452771	4774650	234.76	0	78.2	78.2	735.14	250	0	0	68.33	4.61	5.04	0.77	0	0	0	0	-0.59	-0.59
Transformer Side 1a	TRSide1a	452771	4774650	234.76	0	83.6	83.6	735.14	500	0	0	68.33	3.19	8.71	1.42	0	0	0	0	1.92	1.92
Transformer Side 1a	TRSide1a	452771	4774650	234.76	0	80.8	80.8	735.14	1000	0	0	68.33	-0.73	14.19	2.69	0	0	0	0	-3.72	-3.72
Transformer Side 1a	TRSide1a	452771	4774650	234.76	0	77	77	735.14	2000	0	0	68.33	-1.59	17.01	7.1	0	0	0	0	-13.9	-13.9
Transformer Side 1a	TRSide1a	452771	4774650	234.76	0	71.8	71.8	735.14	4000	0	0	68.33	-1.59	19.44	24.09	0	0	0	0	-38.51	-38.51
Transformer Side 1a	TRSide1a	452771	4774650	234.76	0	62.7	62.7	735.14	8000	0	0	68.33	-1.59	19.71	85.92	0	0	0	0	-109.72	-109.72
Transformer Side 1b	TRSide1b	452741.3	4774657	236.25	0	44.4	44.4	740.79	32	0	0	68.39	-5.3	3.							



## **APPENDIX E      SIMULATED NOISE ISO-CONTOURS**





### Legend

**Project Components**

- Property Boundary
- Power Transformer

**Other Components**

- 1-Storey Receptor (1.5 m agl\*)
- 2-Storey Receptor (4.5 m agl\*)
- Vacant Lot Receptor
- 1 Hectare Box
- Existing Transmission Line
- Road
- Elevation Contour
- Lot Line

**Noise Isocontours**

- 45 dB(A) - 1.5 m agl\*
- 45 dB(A) - 4.5 m agl\*
- 40 dB(A) - 1.5 m agl\*
- 40 dB(A) - 4.5 m agl\*

\* agl: Above Ground Level



Parkhill Interconnect

NOISE MAP



1008-02-200712RG  
November 5, 2012

Projection: UTM Zone 17, NAD83  
Sources: NextEra Energy Resources, Ontario Base Mapping, Ontario Road Network, Land Information Ontario, Geobase, CanVec.  
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## APPENDIX F POINT OF RECEPTION NOISE IMPACT TABLE

The following table represents the contribution of every noise source on the noisiest PoR and VLR as per [2].

**Table F-1: Point of reception noise impact table**

Source ID	Point of Reception 1		Point of Reception 24	
	Distance to PoR 1 [m]	Sound Level at PoR 1 (Lr) [dBA] <sup>1</sup>	Distance to PoR 24 [m]	Sound Level at PoR 24 (Lr) [dBA] Day <sup>1</sup>
T1	610	35.6	800	31.0
T2	635	33.0	775	33.5
<b>TOTAL</b>		<b>37.5</b>		<b>35.5</b>

1. 5 dBA tonal penalty included.
2. Effect of Sound Barrier included



## Calculation Protocol

CadnaA-Berechnung

Version 4.2.141 (32 Bit)

Start: 20.07.12 18:08:57

Berechnungsparameter:

General

"Country" International  
"Max. Error (dB)" 0.00  
"Max. Search Radius (m)" 5000.00  
"Min. Dist Src to Rcvr" 0.00

Partition

"Raster Factor" 0.001  
"Max. Length of Section (m)" 1000.00  
"Min. Length of Section (m)" 0.00  
"Min. Length of Section (%)" 0.00  
"Proj. Line Sources" On  
"Proj. Area Sources" On

Ref. Time

"Reference Time Day (min)" 960.00  
"Reference Time Night (min)" 480.00  
"Daytime Penalty (dB)" 0.00  
"Recr. Time Penalty (dB)" 6.00  
"Night-time Penalty (dB)" 10.00

DTM

"Standard Height (m)" 0.00  
"Model of Terrain" Triangulation

Reflection

"max. Order of Reflection" 0  
"Search Radius Src" 100.00  
"Search Radius Rcvr" 100.00  
"Max. Distance Source - Rcvr" 1000.00 1000.00  
"Min. Distance Rvcr - Reflector" 1.00 1.00  
"Min. Distance Source - Reflector" 0.10

Industrial (ISO 9613)

"Lateral Diffraction" some Obj  
"Obst. within Area Src do not shield" On  
"Screening" Excl. Ground Att. over Barrier  
" " Dz with limit (20/25)  
"Barrier Coefficients C1,2,3" 3.0 20.0 0.0  
"Temperature (°C)" 10  
"rel. Humidity (%)" 70  
"Ground Absorption G" 0.70  
"Wind Speed for Dir. (m/s)" 3.0