Title: Electrical Energy Delivery Systems.

Objectives: Understand basic operation of transmission and distribution systems.

Analyze energy loss and voltage drop in energy transmission and distribution with and without transformers.

Familiarize with application of transformers in an electrical energy delivery system.

Measure ments / results:

Specifications of step up transformer used.

Primary voltage V, (V)	Secondary Voltage V2	VA rating (VA)
15	230	45

Voltage across / source = 8 V

Measure ments in Part 1

 - Legitario Michigania							
Trial	Venue (V)	Isource (A)	Psource (W)	Ime (A)	I load (A)	$V_{lend}(V)$	
	8.04	2.260	18.0	0.14	2.05	6.559	
2	8.15	2.259	18.1	0.14	2.05	6.55	
3	8.12	2.252	18.D	0.14	2.05	6.570	
Average	8.10	2.257	18.0	0.14	2.05	6.560	

Measurements in Part 2

- KARTIN CANADA I SAN TOWN									
Trial	Vsource (V)	Isource (A)	Psource(W)	loand (A)	Viscol (V)				
İ	7.97	1.218	8.7	1.25	3.872	CONTRACTOR OF THE PARTY OF THE			
2	8.12	1.239	8.4	1.25	3.940	DOSCOPINGER			
3	7.93	1.21	8.0	1.25	3,840	and productions			
Average	8.01	1.222	8.2	1.25	3.884	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner			