

CONTENTS.

	PAGE
Introductory.....	1
CHAPTER I.	
Manufacture of peat fuel.....	9
Air-dried machine peat.....	10
Composition of peat, and effect of pulping.....	11
Excavation.....	12
Pulping.....	12
Transportation.....	15
Moore system.....	17
Ties supporting the end towers.....	19
Spreading the pulped peat.....	19
Turning, cubing, and stacking.....	21
Transportation to cars or shed.....	21
Some types of peat machines.....	21
Dolberg machines.....	22
The Strenge mechanical excavator.....	24
European practice.....	24
Germany.....	25
Italy.....	25
Canadian practice.....	26
Alfred peat plant.....	26
Separation of water by pressure and artificial drying.....	30
Separation of the contained water by pressing.....	30
Properties of peat preventing the expulsion of water by pressure.....	31
Wet carbonizing process.....	33
Brune and Horst process for pressing water out of peat.....	36
Artificial drying of peat.....	39
Other factors to be considered in the artificial drying of peat.....	42
Drying by means of hot air.....	43
Artificial drying of peat by air.....	45
CHAPTER II.	
Chemical analyses and effect of moisture on calorific power of peat.....	47
Chemical analyses.....	47