

## CONTENTS.

	PAGE
Introductory Letter . . . . .	5
Peat Fuel: Its Manufacture and Use . . . . .	7-45
Peat fuel no novelty . . . . .	8-9
The comparison must be with coal . . . . .	9
The place of peat among fuels . . . . .	9-10
Anthracite and peat compared . . . . .	10-11
An actual test of peat fuel . . . . .	11-12
The question of price . . . . .	12
European methods of manufacture . . . . .	12-13
Cut peat . . . . .	13
Machine peat . . . . .	13
A Danish peat plant . . . . .	13-14
Mills for making machine peat . . . . .	14-16
Peat fuel making in Ontario . . . . .	16-17
Progress of the industry . . . . .	17
Peat bogs and plants in Ontario . . . . .	17-18
Analyses of Ontario peats . . . . .	18
The Welland bog . . . . .	19
The Beaverton bog . . . . .	19-20
The Perth bog . . . . .	20
The Brunner bog . . . . .	20-21
The Brockville bog . . . . .	21
The Rondeau bog . . . . .	22
Rondeau peat works . . . . .	22-23
The Newington bog . . . . .	23
The process of making peat fuel . . . . .	23-24
Wet and dry bogs . . . . .	24
Ditching a dry bog . . . . .	24-25
Clearing the surface . . . . .	25
Laying down tramways . . . . .	25
Harvesting the peat at Welland . . . . .	26
The Dobson mechanical excavator . . . . .	26-27
Air-drying the peat . . . . .	27-28
Disintegrating and drying . . . . .	28-29
The Dobson peat dryer . . . . .	29-31
The Simpson peat dryer . . . . .	31-32
Drying by pressure not successful . . . . .	32-33
Making the briquettes . . . . .	33
The Dickson press . . . . .	33-34
The Dobson press . . . . .	34-35
The Newington plant . . . . .	35-36
Power generation and distribution . . . . .	36
Cost of manufacture . . . . .	37-38
Special apparatus for burning peat . . . . .	38-40
Peat gas . . . . .	40
The Merrifield gas generator . . . . .	40-41
Quality of Merrifield peat gas . . . . .	41-43
Cost of gas plant . . . . .	43-45
Sulphur in Ontario peat . . . . .	45