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Electricity Supply Commission.

# TWELFTH ANNUAL REPORT

of the

Electricity Supply Commission

for the

Year ended 31st December, 1934,

with a

BRIEF REVIEW OF ITS ACTIVITIES

up to

31st May, 1935.

# MEMBERS OF THE Clectricity Supply Commission.

Dr. HENDRIK JOHANNES VAN DER BIJL (Chairman)
ALBERT MICHAEL JACOBS.
ROBERT BURNS WATERSTON.

# Electricity Supply Commission.

# Clectricity Gouse,

82, Marshall Street,

Johannesburg,

31st May, 1935.

To the Honourable

The Minister of Commerce and Industries, Pretoria.

SIR,

In terms of Section 14 of the Electricity Act No. 42 of 1922, the Commission has the honour to submit its Twelfth Annual Report covering its operations for the year ended 31st December, 1934, together with a brief review of its activities up to 31st May, 1935.

The term of office of Mr. George Goodban Elliott, who had been a member of the Commission since 1st October, 1930, expired on 30th September, 1934. The Commission wishes to place on record the valuable assistance afforded by Mr. Elliott during his service as a Commissioner.

Mr. Robert Burns Waterston was appointed a member of the Commission on 1st October, 1934.

It is with deep regret that the Commission records the death of Mr. Karl Gundelfinger on 25th February, 1935. The late Mr. Gundelfinger was appointed a member of the Commission on 1st September, 1928, and his wide experience proved invaluable to the Commission during his period of office.

The Commission has five Undertakings in operation and a sixth and seventh in course of construction.

The sales of electricity continue to expand, the figures for the year, together with the corresponding figures for 1933, being:

1934

1933.

Units Sold

985,161,494 974,128,244

These figures do not reflect the true expansion that has taken place, for included in the 1933 figures were approximately 44,000,000 units supplied to the Capetown Corporation on interchange. The arrangement for interchange ceased towards the end of 1933, having been replaced by the agreement to pool the resources of the Power Stations at Capetown of the Commission and the Corporation. The figures for 1934 do not include the units taker by the Corporation from the pool.

A surplus is shown for the year on the operation of the Commission's undertakings as a whole, the total revenue received from the sales of electricity and other incidentals was £1,183,770 and the total cost thereanent (including the provision for interest on and redemption of the loans, contributions to reserve, etc.) was £1,172,494. Revenue Accounts for each of the undertakings form annexures to this Report, and a reference to these will show that the general principle laid down in Section 10 of the Electricity Act that the undertakings shall as far as practicable be carried on neither at a profit nor a loss has been closely followed.

In addition to the loan of £6,750,000 issued during March, 1934, to which reference was made in the Eleventh Annual Report, a public loan of £2,500,000 was successfully raised during November, 1934, primarily for the purpose of financing the two undertakings in course of construction, viz., the Klip Generating Station and Rand Extension Undertakings. These issues bring the total loan capital of the Commission to £12,250,000, the whole of which was publicly subscribed within the Union.

To meet the increasing requirements, extensions of the plant and equipment at the various undertakings are proceeding.

### POWER STATION PLANT.

Two of the low pressure boilers in the Salt River Power Station of the Capetown Undertaking are being replaced by two larger boilers of the same design and capacity as the four large boilers installed in 1933 for the supply of steam at a pressure of 425 lbs. per sq. inch.

Plant and equipment referred to in the last Annual Report of the Commission, consisting of two 20,000 K.W. Turbo Alternators at the Salt River Power Station, Capetown, one 20,000 K.W. Turbo Alternator for the Congella Power Station, Durban, and four 70/80,000 lb. boilers at Witbank Power Station which were either on order or in course of installation have been placed in service.

A commencement was made in July, 1934, with the construction of the Klip Generating Station Undertaking near Vereeniging and the system of supply within the area of the Rand Extension Undertaking, the licence for which was ceded to The Victoria Falls and Transvaal Power Company, Limited. Plant of a capacity of 139,000 K.Ws. is at present being installed in the Klip Generating Station and further extensions are being undertaken. It is expected to bring the station into operation in about eight to nine months.

# TRANSMISSION SYSTEMS, ETC.

Extensions of the transmission and distribution systems at the various undertakings have been made during the year as requirements demanded.

# ELECTRIFICATION OF RAILWAYS.

The extension of electrification from Daimana to Harrismith was put into operation in February, 1935, and further extensions commenced from Cato Ridge to Durban and Glencoe to Volksrust.

Electrification of the suburban railways along the Reef is in hand, and in this connection eight sub-stations equipped with mercury arc rectifiers will be provided by the Commission for the supply of electricity on the direct current system to the South African Railways and Harbours Administration for traction purposes.

When the programme of electrification referred to above is completed, approximately 25 per cent. of the traffic of the railways will be hauled electrically on the present basis of traffic distribution.

As heretofore, ways and means for improving the efficiency in the operation of the undertakings have been investigated during the year with the object of reducing the cost of supply to the consumers, and the Commission is pleased to be able to report that the cost per unit sold for 1934 showed a reduction as compared with the previous year.

Schemes for the supply of electricity to potential consumers in existing areas and new areas have also been investigated, and an application has been made to the Electricity Control Board for an extension of the area of supply of the Natal Central Undertaking.

The output of electricity for 1935 to date indicates that a substantial increase over 1934 can be anticipated.

A list of the annexures to the Report will be found on pp. 13-14.

The respective Agreements with The Victoria Falls and Transvaal Power Company, Limited, and the Capetown Corporation provide for co-operation with the Commission, and it is with great pleasure that the Commission records having received the fullest co-operation from these bodies, and also from the staff of the South African Railways and Harbours Administration in connection with the extension of the supply of electricity to the Administration.

The Commissioners take this opportunity of recording their thanks to the employees for their loyal support during the year, the progress of the Commission being in large measure due to their unremitting efforts.

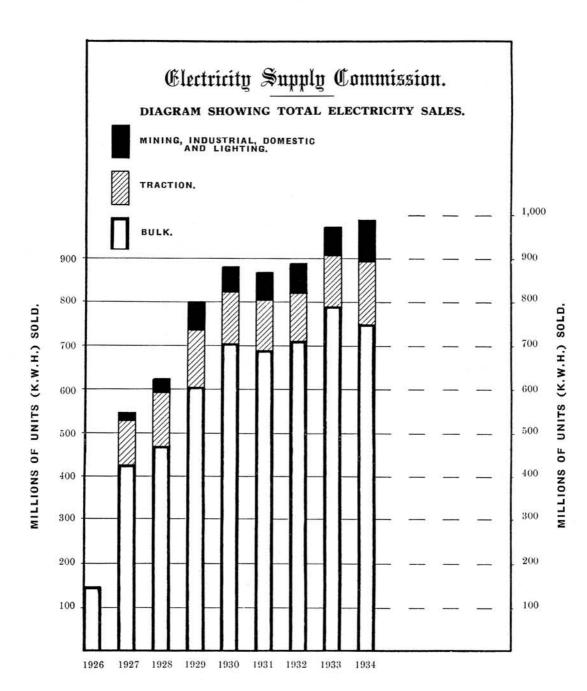
By Order of the Commission,

I have the honour to be,

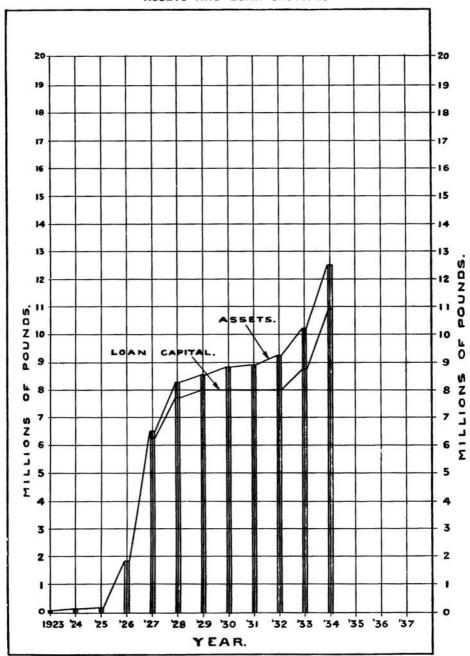
Sir,

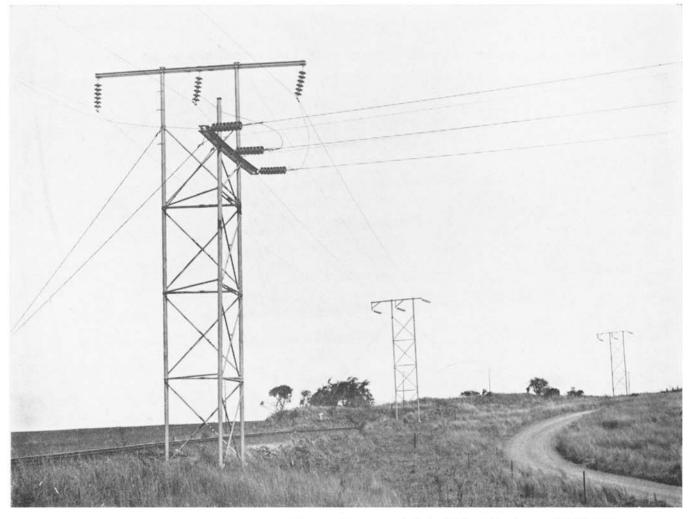
Your obedient servant,

Muanders 24/



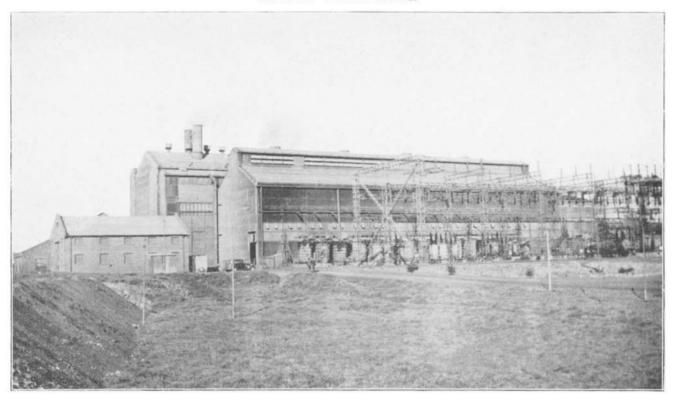
### ASSETS AND LOAN CAPITAL.





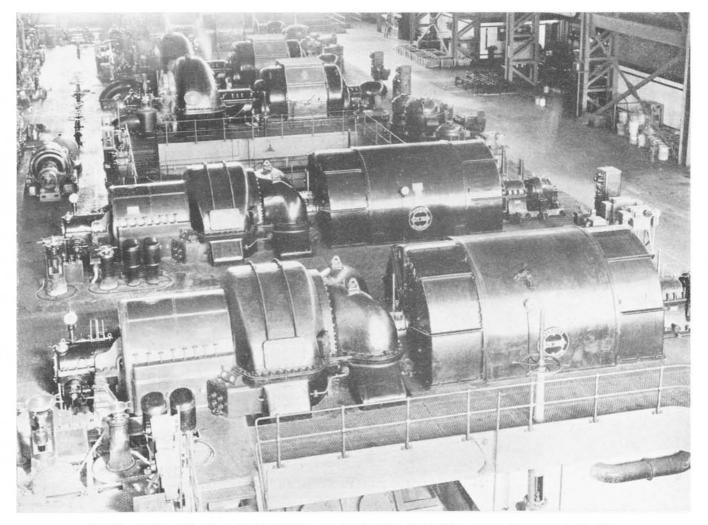
88 KV. Transmission Line between Pietermaritzburg and Cato Ridge—Structures Constructed from Discarded Locomotive Boiler Tubes.

### WITBANK UNDERTAKING,



Witbank Power Station, showing Extension of Boiler House (on left) accommodating Four New Boilers.

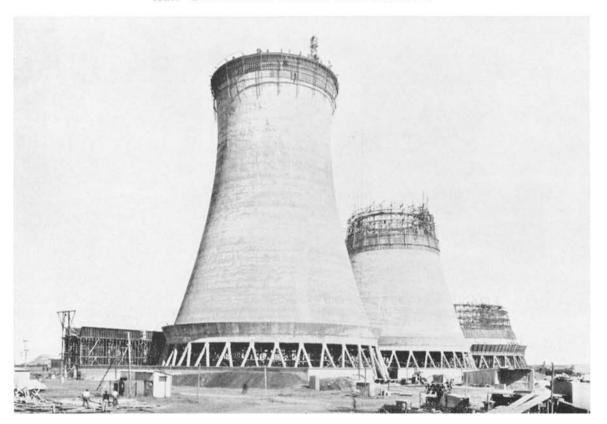
### CAPETOWN UNDERTAKING.



Turbine Room, Salt River Power Station—In Foreground Two of the Three 20,000 KW. 33 KV.

Turbo Alternators Installed.

### KLIP GENERATING STATION UNDERTAKING.



General View of Cooling Towers with No. 1 Tower in the Foreground.

# LIST OF ANNEXURES.

ANNEXURE "A"-ACCOUNTS.		
		Page.
The Report of the Auditors		15-17
Balance Sheet	•••	18-19
Schedule of Expenditure on Capital Account		21
Statement Showing the Investments of the Redemption Fund	•••	23
Account No. 1-Redemption Fund Account, £750,000 Loan		24-25
Account No. 2-Redemption Fund Account, £500,000 Loan		26-27
Account No. 3-Redemption Fund Account, £2,500,000 Loan		28-29
Account No. 4-Redemption Fund Account, £6,750,000 Loan		30-31
Account No. 5—Reserve Fund Account		32-33
Revenue and Expenditure Accounts in respect of-		
Account No. 6-Natal Central Undertaking		34-35
Account No. 7—Witbank Undertaking		36-37
Account No. 8—Capetown Undertaking		38-39
Pooled Costs, Salt River and Dock Road Power Stations		40-41
Account No. 9-Durban Undertaking		42-43
Account No. 10—Sabie Undertaking		44-45
Shapped State (State Control of the State Control o		
ANNEXURE "B."		
Statement.		Page.
1. Summary of principal plant and equipment installed as	at	
31st December, 1934	•••	46-47
2. Summary of principal plant and equipment in course	of	
installation or on order as at 31st December, 1934	•••	48
3. Statement showing the price or rent of land or oth		923
property acquired or hired by the Commission		49

### ANNEXURE "C." Page. Electricity Supply Schemes of Urban Local Authorities reported upon by the Commission in terms of Section 38 of the Electricity Act, 1922 51 ... ANNEXURE "D." Statement. Page. 1. Units sold to all consumers during the past nine years ... 52 2. The distribution of the units sold during 1934 to various classes of consumers 52 ... 3. Operating Statistics relating to the Commission's Undertakings ... 52 - 53

### THE REPORT OF THE AUDITORS.

Johannesburg,

17th April, 1935.

The Chairman and Members,
Electricity Supply Commission,

Johannesburg.

GENTLEMEN,

We have completed the audit of the Books and Accounts for the year ended December 31st 1934 and have to report as follows:—

### LOANS.

During 1934 the following loans were issued:-

**Loan No. 5.**—£6,750,000 @  $3\frac{3}{4}\%$  issued at £98 per cent repayable at par on 30th April 1964 with the option to the Commission of repaying at par on or after 30th April 1954.

This loan was raised with the intention of applying the proceeds:-

- (1) In repaying Loan No. 2 of £5,000,000 from the Union Government.
- (2) In repaying the balance of £750,000 outstanding on Loan No. 1 from the Union Government.
- (3) In extending the Commission's Undertakings.

**Loan No. 6.**—£2,500,000 @  $3\frac{1}{2}\%$  issued at £98 10s. per cent repayable at par on May 31st 1964 with the option to the Commission of repaying on or after May 31st 1959.

This money was raised for the purposes of establishing the Klip and the Rand Extension Undertakings and generally for the purposes of the Commission.

The loan was only partly paid up at the date of the Balance Sheet and only small expenditure has been incurred on the two new Undertakings concerned.

### REDEMPTION FUND,

In accordance with the Schedule to the Electricity Act the Commission has now established Redemption Funds for all the loans outstanding at 31st December 1934 with the exception of Loan No. 6 which was not fully paid up at that date.

Loan No. 1.—The balance of £750,000 of this loan was paid off during the year out of the proceeds of Loan No. 5 and the balance of the redemption fund of Loan No. 1 to date of repayment has been transferred to the redemption fund of Loan No. 5.

Loan No. 2.—In terms of Section 3 (6) of the Financial Adjustments Act 1930 the Commission were precluded from making provision for redemption of this loan of £5,000,000. The loan was paid off from new money raised through Loan No. 5.

Loan No. 5.—This loan of £6,750,000 was mainly raised to pay off the balance of Loan No. 1 — £750,000 and the whole of Loan No. 2 of £5,000,000. The balance of the redemption fund of Loan No. 1 i.e. that relating to £750,000 has been transferred to the redemption fund of Loan No. 5 and against this has been charged the cost of raising applicable to £750,000 of the No. 5 Loan. In the case of Loan No. 2 there was no redemption fund and consequently no amount against which to charge the cost of raising the sum of £5,000,000. This latter cost amounted to £119,255 and has been added to the Capital Expenditure of the Undertakings on which the £5,000,000 was originally spent. The cost of raising the balance of the loan is being charged to the Undertakings concerned as the money is spent. We concur in the method adopted in dealing with the cost of raising of this loan.

We are satisfied that the redemption funds of Loans 3, 4, & 5 have been maintained at the amounts required by the Schedule to the Electricity Act after taking into account the transfers of the Redemption Fund of Loan No. 1 to the Redemption Funds of Loans Nos. 4 and 5.

# MOVABLE PLANT AND EQUIPMENT AT UNDERTAKINGS.

During the year it was decided to transfer the cost of these assets from capital expenditure to the Working Capital of the various Undertakings. At December 31st 1934 a valuation was made and the depreciation disclosed has been written off against the Revenue Accounts of the Undertakings concerned. It is proposed to continue to make a similar revaluation each year. This procedure has our approval.

### DEPRECIATION AND OBSOLESCENCE OF PLANT.

We have had occasion in the past to comment on the inadequacy of the provisions made to cover depreciation and obsolescence by way of provisions out of revenue for redemption of loan capital and allocations to Reserve Fund. This was due to the fact that the Commission was prevented in terms of the Financial Adjustments Act 1930 from making provision for the redemption of Loan No. 2 of £5,000,000. This loan having now been paid off the funds raised for this purpose are subject to redemption as from the beginning of July 1934. The joint appropriations out of revenue to the two funds being made from July last constitute an improvement on the position previously existing.

### HEAD OFFICE ADMINISTRATION AND ENGINEERING EXPENSES.

As contemplated in Section 11 (2) of the Electricity Act the Commission has, as previously, made an allocation of overhead and administration charges as between the various Undertakings.

### OVERINVESTMENT OF FUNDS.

It will be noted that the Redemption, Reserve and Pension Funds were overinvested at December 31st 1934.

We are informed that having the opportunity of subscribing for portion of Loan No. 5 and loan moneys not immediately required being available, the Commission decided to take advantage of securing this investment for the Funds in advance of requirements, the advance investments being in anticipation of future contributions to the Funds. The interest earned on the amounts overinvested is being credited to the loan funds from which the overinvested moneys were drawn.

This action on the part of the Commission appears to have been advantageous.

#### GENERAL

As the result of our audit of the Books and Accounts of the Commission for the year 1934, and, subject to the foregoing remarks, in terms of Clause 13 (4) of the Electricity Act 1922, we certify as follows:—

- (a) We have found the accounts of the Commission to be in order.
- (b) The accounts issued present a true and correct view of the financial position of the Commission and of its transactions and of the results of trading.
- (c) Due provision has been made for the redemption and repayment of moneys borrowed.
- (d) The value of the assets of the Commission is correctly stated.
- (e) Sums fixed by the Commission have been set aside to the Reserve Fund under Section 9 as prescribed.
- (f) All our requirements and recommendations as Auditors have been complied with and carried out.

Yours faithfully,

B. HALSEY,

ALEX. AIKEN & CARTER.

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- (c) Due provision has been made for the redemption and repayment of moneys borrowed.
- (d) The value of the assets of the Commission is correctly stated.
- (e) Sums fixed by the Commission have been set aside to the Reserve Fund under Section 9 as prescribed.
- (f) All our requirements and recommendations as Auditors have been complied with and carried out.

Yours faithfully,

B. HALSEY,

ALEX. AIKEN & CARTER.

Incorporated under the

# BALANCE SHEET at

Loan C Loa Loa	n No. 1:	Gove	rnmen ernmen	t of the U	Jnion of Inion of	South South	Africa Africa	£3,000,000 5,000,000		0	£10,939,689	10	0
		Lees-	_Repa	id during	1933 an	d 1934		8,000,000 8,000,000		0			
		т	ocal E	Registered	Stocks	_		-	-		-		
Lon	n No. 3:			4½ per ce				500,000	0	0			
Loa	n No. 4:	£2,50	000,000	41 per ce	nt. 1953	3	***	2,500,000	0	0			
Loa	n No. 5: n No. 6:	£6,78 £2,50	50,000	31 per ce 31 per ce in full no	nt. 1959 later t	9/64 (p han 31s	t May,	6,750,000	0	0			
				1935, in t	erms of			1,117,450	0	^			
				Partl	paid y paid			72,239		0			
Interest	Accrued	_	50,000 oan C	anital							45,573	5	8
				t Balance:		***	•••				171,961	7	4
11/2000	Fund										56,312		
Redemp	tion Fun	d	 Nos. 2	•••							592,629		
(	Loan No						***	21,019	4	0			
	Loan No		***	•••		***	***	396,067	0	3			
	Loan No	. 5	• • •	•••	•••	***	•••	175,543	5	1			
	Fund per Acco		No. 5)	***		***					706,231	5	5
Balance (As	on Reve	nue	Nos.	ts 5 to 10)		***	••••				17,153	10	11
(	Natal Ce	ntral	Under	rtaking	***	***		9,891	2	9			
	Witbank				•••		•••	4,753	7	0			
	Durban Un Sabie Un	under	taking		•••		•••	3,956 192	16	1			
	Sable UI	iderta	King	***	***	***	•••		10	_			
								18,794		2			
	Less-Cap	etow	n Und	ertaking	***	(49.4)	222	1,640	11	3			
	Commission at the commission of the commission o	on is £2,636	commi	te liabilitie tted to the for expension charges	e exten	t of ap	proxi- apital						

£12,529,551 7 5

H. J. VAN DER BIJL, Chairman. A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg, 29th March, 1935.

# Commission.

Electricity Act, 1922.

31st DECEMBER, 1934.

(As per Sched	ule atta	ched.)									
Land and Rights			***	•••	•••	£140,330					
Buildings and Civil			•••	•••	•••	2,551,577		3			
Machinery and Plan	$_{ m nt}$	•••	•••	•••	•••	6,701,187	14	0	£9,393,095	17	1
Less-Net Revenue	during	Const	ruction			132,724	1	7	20,000,000		•
Provision ma	de prio	r to F	inancial	Adjusti	ments						
Act, 1930,	for rep	ayment	t of adv	ances, a	ppro-	123,650	1	10			
priated in	reductio	n or C	apitai E	хрепатьи		123,000			256,374	3	5
									9,136,721	13	8
Movable Plant and Equ	ipment	(less d	lepreciat	ion)					38,278	8	6
Workshop Equipme	ent, Ins	trumen	its, Too	ls and	Loose	00 155	10	-			
Plant Transportation Equ		•••	•••		•••	22,455 2,355		7 9			
Furniture, Fixtures	and F	ittings	***	***	•••	13,467					
Turnioure, Travaree		roumbo	***	(***)	***			_			
Stores and Materials									106,986	15	9
Sundry Debtors and D	ebit Ba	lances							140,330	6	9
Cash on Current Accou	int								1,329,866	17	11
(Including £1,047,9 paid in advance		for inst	talments								
Investment of Pension	Fund		***	100					66,369	3	11
Amount invested in	n Munic	cipal a		tricity S	upply				,		
Commission Sto	ocks				· · · · · ·	66,057	10	0			
Interest Accrued			***	• • •	***	311	13	11			
Investment of Redemp			***	200	222	5			841,051	15	2
Loan No. 3	***					34,932		2			
Loan No. 4						496,150					
Loan No. 5	•••	•••		***		309,969	9	1			
Investment of Reserve	Fund		***	***	***				869,946	5	9
Amount invested in Union of South Supply Commi- by the Governm	Africa, i	Municipalso D	palities a ebenture	nd Elect	ricity	864,769	10	3			
Interest Accrued				•••		5,176	15	6			
								_			
									£12,529,551	7	-5
									212,020,001		. 0

Referred to in our Report of 17th April, 1935.

B. HALSEY,

ALEX. AIKEN & CARTER,

Auditors.

# Electricity Supply Commission.

# SCHEDULE OF EXPENDITURE ON CAPITAL ACCOUNT to 31st December, 1934.

Expenditure in connection with Electricity Undertakings.	Total to 31st December, 1933.	Year ended 31st December, 1934.	Total to 31st December, 1934.
Buildings and Civil Works Machinery and Plant	£18,521 19 5 791,814 4 6 2,647,195 11 5 24,877 9 3	Cr. £2 13 3 6,475 15 11 124,382 4 5 Cr. 24,877 9 3	£18,519 6 2 798,290 0 5 2,771,577 15 10
Net Revenue during Construction Provision made prior to Financi Adjustments Act, 1930, for repa	E3,482,409 4 7 Cr. 2,210 10 6	£105,977 17 10 * 2,210 10 6	£3,588,387 <u>2</u> 5
ment of Advances, appropriated reduction of Capital Expenditure	Cr. 200,767 19 10	* 77,117 18 0	Cr. 123,650 1 10
	£3,279,430 14 3	£185,306 6 4	£3,464,737 0 7
WITBANK UNDERTAKING:	* Appropriated in	reduction of charges in ra	ising Loan No. 5.
Land and Rights Buildings and Civil Works Machinery and Plant	£9,035 19 2 571,705 18 0 1,466,949 16 4 52,859 9 2	193,101 0 5	£9,221 3 2 578,854 10 1 1,660,050 16 9
N. i. D	£2,100,551 2 8		£2,248,126 10 0
Net Revenue during Construction	£1,997,092 14 4		£2,144,668 1 8
Buildings and Civil Works Machinery and Plant	£22,416 7 10 651,310 6 5 1,218,718 5 5 37,596 19 7		£22,601 19 3 675,625 5 6 1,399,218 8 3
Net Revenue during Construction Provision made prior to Finance Adjustments Act, 1930, for repa	Cr. £1,930,041 19 3		£2,097,445 13 Cr. 5,019 2 1
ment of Advances, appropriated reduction of Capital Expenditure	Cr. 17,982 13 0	* 17,982 13 0	
	£1,896,484 4 (	£195,942 6 11	£2,092,426 10 11
Buildings and Civil Works Machinery and Plant	£29,689 3 ( \$50,387 19 10 624,620 14 10 6,728 10 8	£478 16 8 43,043 11 2	£29,689 3 ( 350,866 16 667,664 6 (
Net Revenue during Construction	£1,011,426 8 4		£1,048,220 5 Cr. 15,121 15
and all the second seco	£996,304 13 (		£1,033,098 10
M. 1.	£510 0 0 65,300 8 4 37,481 10 8 3,077 4 0	£157 13 4 1,819 16 8	£510 0 65,458 1 39,301 7
Net Revenue during Construction	£106,369 3 1 Cr. 9,124 15 10		£105,269 9 Cr. 9,124 15 10
	£97,244 7	Cr. £1,099 14 0	£96,144 13
KLIP GENERATING STATION U DERTAKING:	v-		
Land and Rights Buildings and Civil Works Machinery and Plant	Ξ Ξ	£3 18 3 74,980 16 0 113,913 4 9 £188,897 19 0	£3 18 74,980 16 113,913 4 £188,897 19
		1 2.00,007 10 0	1 2100,007 10
RAND EXTENSION UNDERTAKIN Buildings and Civil Works Machinery and Plant	= =	£771 1 6 49,461 15 0 £50,232 16 6	£771 1 49,461 15 £50,232 16
HEAD OFFICE:		300,202 10 0	200,232 10
Land Building Furniture, Fixtures and Fittings	£7,093 1 1	£59,785 3 0 6,730 18 7 Cr. 7,093 1 11	£59,785 3 6,730 18
	£7,093 1 1	£59,422 19 8	£66,516 1
Land and Rights Buildings and Civil Works Machinery and Plant Miscellaneous Equipment	5,994,965 18	121,058 13 2	£140,330 12 1 2,551,577 10 6,701,187 14
Net Revenue during Construction Provision made prior to Financ Adjustments Act, 1930, for rep- ment of Advances, appropriated reduction of Capital Expenditure	£8,637,890 19 10 Cr. 145,490 12		
ment of Advances, appropriated	in Cr. 218,750 12 1	95,100 11 0	Cr. 123,650 1 1
reduction of Capital Expenditure	£8,273,649 14	£863,071 18 11	£9,136,721 13

# Electricity Supply Commission.

STATEMENT SHOWING DETAILS OF INVESTMENTS ON BEHALF OF THE REDEMPTION FUND IN RESPECT OF THE £500,000 ELECTRICITY SUPPLY COMMISSION 42% LOCAL REGISTERED STOCK, 1953/63 (LOAN No. 3) AS AT 31st DECEMBER, 1934.

STATEMENT SHOWING DETAILS OF INVESTMENTS ON BEHALF OF THE REDEMPTION FUND IN RESPECT OF THE £2,500,000 ELECTRICITY SUPPLY COMMISSION 4½% LOCAL REGISTERED STOCK, 1953 (LOAN No. 4) AS AT 31st DECEMBER, 1934.

								£496,150	1	11
	Interest Accrued	***		***			933	3,682	16	11
£100,100	Electricity Supply	Commission	41%	Local Regist	ered	Stock,	1953	100,100	0	0
£51,200	South African Iron Guaranteed Fi	n and Steel rst Mortga	Indu ge Re	strial Corporegistered Deb	atio entu	n, Limit res, 194	ed, 5% 6/71	51,200	0	0
£315,000	Union of South Af	rica 4½% Lo	ocal R	degistered Sto	ck,	1953		315,000	0	0
£26,200	Union of South Af	rica 5% (10	) year	) Loan, 1935			•••	£26,167	5	0

STATEMENT SHOWING DETAILS OF INVESTMENTS ON BEHALF OF THE REDEMPTION FUND IN RESPECT OF THE £6,750,000 ELECTRICITY SUPPLY COMMISSION 3½% LOCAL REGISTERED STOCK, 1954/64 (LOAN No. 5) AS AT 31st DECEMBER, 1934.

£8,710	Union of South Africa 5% (10 year) Loan, 1935		£8,699	2	3
£10,000	South African Iron and Steel Industrial Corporation, Limite Guaranteed First Mortgage Registered Debentures, 1946,	d, 5% /71	9,975	0	0
£42,750	Electricity Supply Commission 43% Local Registered Stock, 19	953/63	42,750	0	0
£252,000	Electricity Supply Commission 33% Local Registered Stock, 19	954/64	246,330	0	0
	Interest Accrued		2,215	6	10
			6900 060	0	_

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg, 29th March, 1935.

Fig. Redemption Fund Account for the in respect of £750,000 Government of the Union of South Africa Loan

To Amount Transferred to	Redem	otion F	und Acc	ount,				
Loan No. 5	•••							£129,710 14 10
Witbank Undertaking	•••	•••		•••	£95,936	0	11	
Durban Undertaking	***	***	222		26,960	15	9	
Sabie Undertaking	•••			***	6,654	8	5	
Head Office					159	9	9	

£129,710 14 10

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg, 29th March, 1935.

# Commission.

Account No. 1.

Period	1st	January	to	15th	June,	1934,	
--------	-----	---------	----	------	-------	-------	--

Cr.

(Loan No. 1) redeemable not later than the 31st December, 1954.

	heattable	formand					£111,928	9	2
, 1933,	brought	iorwaru	•••				2111,920	ð	-
•••		•••	•••	£83,434	11	3			
•••	•••	1	***	22,574	15	4			
				5,790	2	2			
•••	•••			129	0	5			
ing the	Year ou	t of Revo	enue				8,295	9	7
				5,458	9	11			
	***		***	2,441	19	8			
	•••			375	17	8			
	•••			19	2	4			
ments				10,562	2	7			
estments	written	off		3,097	8	10	7,464	13	9
tments							2,022	2	4
				1,503	16	3			
				411	15	2			
				104	2	6			
				2	8	5			
	ing the ments estments	ing the Year ou	ing the Year out of Revo	ing the Year out of Revenue	### ##################################	### ##################################	### ### ##############################	£83,434 11 3 £22,574 15 4 5,790 2 2 129 0 5  ing the Year out of Revenue	£83,434 11 3 22,574 15 4 5,790 2 2 129 0 5  ing the Year out of Revenue 5,458 9 11 2,441 19 8 375 17 8 19 2 4  ments 10,562 2 7 estments written off 3,097 8 10 1,503 16 3 1,503 16 3 1,503 16 3 411 15 2 104 2 6

£129,710 14 10

We hereby certify that we are satisfied as to the correctness of the Accounts and Books of the Redemption Fund.

B. HALSEY,
ALEX. AIKEN & CARTER. Auditors.

Dr.

# Redemption Fund Account for the in respect of £500,000 Electricity Supply Commission

To Balance as per Balance Sheet	 •••	•••				£21,019	4	0
Natal Central Undertaking	 		£57	7	9			
Witbank Undertaking	 		78	18	0			
Capetown Undertaking	 		12,562	13	5			
Durban Undertaking	 		8,320	4	10			

£21,019 4 0

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg, 29th March, 1935.

# Commission.

Account No. 2.

Year ended 31st December, 1934,

Cr.

4½% Local Registered Stock 1953/63 (Loan No. 3).

By Balance at 31	st December,	1933,	brought	forward					£6,216	3	9
Natal Cent	ral Undertaki	ng				£17	8	3			
Capetown T	Indertaking					1,788	19	11			
Durban Un	dertaking					4,409	15	7			
" Amounts Con	tributed duri	ng the	Year ou	ut of Rev	enue				14,803	0	3
Natal Cent	ral Undertak	ing		•••		39	19	6			
Witbank U	ndertaking				•••	78	18	0			
Capetown 1	Indertaking					10,773	13	6			
Durban Un	dertaking					3,910	9	3			
" Interest Earn	ed on Investi	ments								_	
Interest Ea	rned	***	***		•••	519	17	8			
Less—Appro Inves	priated in tments	reducti 	on of	Premium	on	519	17	8			
						2000 and					_
									£21,019	4	0

We hereby certify that we are satisfied both as to the correctness of the Accounts and Books of the Redemption Fund and as to the Maintenance of the Fund at the amount required by the Schedule to the Electricity Act, 1922.

B. HALSEY,
ALEX. AIKEN & CARTER,

Auditor

### Dr.

# Redemption Fund Account for the in respect of £2,500,000 Electricity Supply Commission

To Balance as per Balance Sheet	 				£396,067	0	
Witbank Undertaking	 	 £285,557	7	7	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		
Capetown Undertaking	 	 1,798	19	11			
Durban Undertaking	 	 88,989	1	3			
Sabie Undertaking	 	 19,147	7	5			
Head Office	 	 574	4	1			

£396,067 0 3

3

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg, 29th March, 1935.

# Commission.

Year ended 31st December, 1934,

Cr.

4½% Local Registered Stock 1953 (Loan No. 4).

Ву	Balance at 31st December,	1933,	brought	forward					£326,635	6	8
	Witbank Undertaking					£242,417	2	11			
	Durban Undertaking	•••			•••	67,646	6	11			
	Sabie Undertaking			•••		16,171	6	5			
	Head Office	•••		•••	***	400	10	5			
,,	Amounts Contributed durin	ng the	Year out	of Rev	enue/			_	62,114	9	7
	Witbank Undertaking		***			37,745	8	4			
	Capetown Undertaking	•••				1,792	5	3			
	Durban Undertaking					19,801	7	8			
	Sabie Undertaking					2,610	16	6			
	Head Office	•••				164	11	10			
,,	Net Proceeds of Sales of Fi	xed P	roperty					_	602	11	3
	Witbank Undertaking				***	471	1	8			
	Durban Undertaking	****	***			95	10	0			
	Sabie Undertaking	***				36	0	0			
,,	Interest Earned on Inves	tments				16,466	10	2			
,,	Profit on Sale of Investmen	nts	***	***		7,329	1	9			
						23,795	11	11			
	Less-Premium on Inves	tment	s written	off	•••	17,080	19	7	6,714	10	4
	Witbank Undertaking	***				4,923	14	8	6,714	12	4
	Capetown Undertaking		222			6	14	8			
	Durban Undertaking	•••		***	***	1,445	16	8			
	Durban Undertaking										
	Sabie Undertaking	•••				329	4	6			

£396,067 0 3

We hereby certify that we are satisfied both as to the correctness of the Accounts and Books of the Redemption Fund and as to the Maintenance of the Fund at the amount required by the Schedule to the Electricity Act, 1922.

B. HALSEY,

Auditors.

ALEX. AIKEN & CARTER,

Dr.

Redemption Fund Account for the in respect of £6,750,000 Electricity Supply Commission

To Balance as per Balance Sheet	•••	***	•••				£175,543	5	1	
Natal Central Undertaking				£32,980	1	10				
Witbank Undertaking				92,014	19	8				
Capetown Undertaking				16,989	14	11				
Durban Undertaking				27,022	19	1				
Sabie Undertaking				6,369	8	11				
Head Office				166	0	8				

£175,543 5 1

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Commission.

Account No. 4.

Year ended 31st December, 1934,

Cr.

33% Local Registered Stock 1954/64 (Loan No. 5).

,y A	mount Transferred from Loan No. 1	···		A		£129,710	14	10			
	Less—Proportion of Cha	arges in	Raising	Loan	No. 5	17,471	16	8			3128
								-	£112,238	18	2
	Witbank Undertaking	•••	***	***	•••	83,013		3			
	Durban Undertaking	•••	• • • •	•••	•••	23,329	4	3			
	Sabie Undertaking	•••	***	•••	•••	5,758	1	7			
	Head Office		•••	•••	•••	138	0	1			
, A	mounts Contributed duri	ng the	Year out	of R	evenue				59,912	16	7
	Natal Central Undertak					32,722	19	9			
	Witbank Undertaking					7,027	4	11			
	Capetown Undertaking	***		***		16,533	9	1			
	Durban Undertaking					3,130	1	8			
	Sabie Undertaking		***			474	9	6			
	Head Office		***			24	11	8			
, N	ett Proceeds of Sales of	Fixed I	Property					_	334	3	8
	Natal Central Undertak	ing	•••			12	10	2			
	Capetown Undertaking		•••			321	13	6			
, Ir	nterest Earned on Investr	nents							3,057	6	8
	Natal Central Undertak	ing	•••			244	11	11			
	Witbank Undertaking					1,974	2	6			
	Capetown Undertaking	•••		***	***	134	12	4			
	Durban Undertaking					563	13	2			
	Sabie Undertaking		3000	***		136	17	10			
	Head Office					3	8	11			
						-		_			

We hereby certify that we are satisfied both as to the correctness of the Accounts and Books of the Redemption Fund and as to the Maintenance of the Fund at the amount required by the Schedule to the Electricity Act, 1922.

B. HALSEY,
ALEX. AIKEN & CARTER,

Auditors.

Dr.

# Reserve Fund Account for the

To Expenditure during the Year on	Replac	ements	and						
Betterment		•••					£23,339	2	3
Natal Central Undertaking		•••		£5,126	19	7			
Witbank Undertaking		•••		12,910	3	11			
Capetown Undertaking				3,218	17	6			
Durban Undertaking				2,083	1	3			
" Balance as per Balance Sheet							706,231	5	5
Natal Central Undertaking		3666		326,834	6	9			
Witbank Undertaking				164,523	8	0			
Capetown Undertaking				134,673	10	0			
Durban Undertaking		•••		72,158	18	11			
Sabie Undertaking				8,041	1	9			

£729,570 7

# Commission.

Account No. 5.

# Year ended 31st December, 1934.

Cr.

By Balance at 31st December, 1	1933,	brought	forwar	d				£591,373	3	3
Natal Central Underta	king				£276,875	16	3			
Witbank Undertaking		***			141,842	18	7			
Capetown Undertaking		***			111,625	16	9			
Durban Undertaking			4.2		54,194	15	4			
Sabie Undertaking					6,833	16	4			
" Amounts set aside during	the	Year as	per R	evenue	-		_			
Accounts	•••	•••	•••					83,600	0	0
Natal Central Underta	king	***	200	•••	30,000	0	0			
Witbank Undertaking	•••	227	***		22,000	0	0			
Capetown Undertaking	***	***	•••		16,000	0	0			
Durban Undertaking		555	***		15,000	0	0			
Sabie Undertaking		•••	•••		600	0	0			
,, Other Contributions			***				_	856	14	5
", Profit on Sales of Investme	nts	(888)		•••				25,141	14	6
" Interest Earned on Investm	nents		2007					28,598	15	6
								£729,570	7	8

### NATAL CENTRAL

Dr.

# Revenue Account for the Year

т-	Onenation	Gen	eration	of Electr	icity.						
10	Operation— Fuel					£55,995	4	8			
	Water, Oil, Waste and	Stores	•••			934	1	0			
	Salaries and Wages	•••				15,625	2	4			
	Other Expenses	***	***		• • • •	485	18	8			
	Maintenance—										
,,	Stores	•••				5,006	8	10			
	Salaries and Wages					9,208					
	Other Expenses			***	• • •	2,259	1	4			
	Plantainite Donaham I							_	£89,514	14	1
"	Electricity Purchased	•••	•••	***	***					18	1
		Dist	ribution	of Electi	icity.						
,,	Operation and Maintenanc	e—									
	Stores	•••		***	•••	2,856		8			
	Salaries and Wages	•••		***	•••	13,751		3			
	Other Expenses	•••	***	***	***	4,198	3	5	20,806	10	
			-	257					20,000	10	4
	Local Administration and	Technic		Expenses		6 206	14	8			
,,	Local Administration and General Expenses (includi Stores Expenses, Rate Contributions, etc.)	ng Mair s, Insur	al Man atenance, rance,	agement of Quar Pension F	ers,	6,296 8,810	1	4			
,,	General Expenses (includi Stores Expenses, Rate Contributions, etc.) Head Office Administration	ng Mair s, Insur	al Man atenance, rance,	agement of Quar Pension F	ers, und	8,810 7,468	1 16	4 5			
,,	General Expenses (includi Stores Expenses, Rate Contributions, etc.)	ng Mair s, Insur	al Man atenance, rance,	agement of Quar Pension F	ers, und	8,810	1 16	4	96 947	Q	
,,	General Expenses (includi Stores Expenses, Rate Contributions, etc.) Head Office Administration	ng Mair s, Insur	al Man atenance, rance,	agement of Quar Pension F	ters,	8,810 7,468	1 16	4 5	26,947 137 269	3	_
"	General Expenses (includi Stores Expenses, Rate Contributions, etc.) Head Office Administration	ng Mair s, Insur	al Man atenance, rance,	agement of Quar Pension F	ters, 'und	8,810 7,468	1 16	4 5	26,947 137,269 159,517	6	6
"	General Expenses (includi Stores Expenses, Rate Contributions, etc.) Head Office Administration Engineering Expenses  Interest Redemption Fund—	ng Mair s, Insur	eal Man ntenance, rance, eneral	agement e of Quar Pension F Expenses	ters,	8,810 7,468 4,371	16 16	4 5 4	137,269	6	6
"	General Expenses (includi Stores Expenses, Rate Contributions, etc.) Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 3	ng Mair s, Insur	eal Man ntenance, rance, eneral	agement e of Quar Pension F Expenses	ters, 'und	8,810 7,468 4,371	16 11 19	4 5 4	137,269	6	6
"	General Expenses (includi Stores Expenses, Rate Contributions, etc.) Head Office Administration Engineering Expenses  Interest Redemption Fund—	ng Mair s, Insur	al Man ntenance rance eneral	agement of Quar Pension P Expenses 	ters, 'und	8,810 7,468 4,371	16 11 19	4 5 4	137,269 159,517	6	10
,,	General Expenses (includi Stores Expenses, Rate Contributions, etc.) Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 3 Loan No. 5	ng Mair s, Insur a and G	al Man ntenance, rance, eneral	agement of Quar Pension I Expenses	ters, and	8,810 7,468 4,371	16 11 19	4 5 4	137,269 159,517	6 6	10
,,	General Expenses (includi Stores Expenses, Rate Contributions, etc.) Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 3 Loan No. 5 Amount set aside to Rese	ng Mair s, Insur a and G	al Man ttenance rance, eneral	agement of Quar Pension I Expenses	ers, ers, und	8,810 7,468 4,371	16 11 19	4 5 4	137,269 159,517 32,762 30,000	6 6 19 0	10
,,	General Expenses (includi Stores Expenses, Rate Contributions, etc.) Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 3 Loan No. 5	ng Mair s, Insur a and G	al Man ntenance, rance, eneral	agement of Quar Pension I Expenses	ters, and	8,810 7,468 4,371	16 11 19	4 5 4	137,269 159,517	6 6 19 0	10
"	General Expenses (includi Stores Expenses, Rate Contributions, etc.) Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 3 Loan No. 5 Amount set aside to Rese	ng Mair s, Insur a and G	al Man ttenance rance, eneral	agement of Quar Pension I Expenses	ers, ers, und	8,810 7,468 4,371	16 11 19	4 5 4	137,269 159,517 32,762 30,000	6 6 19 0 2	9 6 10 6 1
"	General Expenses (includi Stores Expenses, Rate Contributions, etc.) Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 3 Loan No. 5 Amount set aside to Rese	ng Mairs, Insur and G	al Man ttenance rance, eneral	agement of Quar Pension I Expenses	ers, ers, und	8,810 7,468 4,371	16 11 19	4 5 4	137,269 159,517 32,762 30,000 5,414	6 6 19 0 2 15	300

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg,

29th March, 1935.

# Commission.

Account No. 6.

# UNDERTAKING.

# ended 31st December, 1934.

Cr.

By Sales of Electricity—									
Traction Supplies		 		£298,553	11	3			
Bulk Supplies	***	 	***	43,525	0	0			
Industrial Supplies		 		14,679	1	4			
Domestic and Lighting	Supplies	 		4,278	8	6			
				-	_	_	£361,036	1	1
Other Revenue		 					3,927	14	0

£364,963 15 1

By Balance at 31st December, 1933, brought forward ... ,, Balance brought down ... ... ...

£4,477 0 3 5,414 2 6

£9,891 2 9

Referred to in our Report of 17th April, 1935.

B. HALSEY, ALEX. AIKEN & CARTER,

Auditors.

# WITBANK

# Revenue Account for the Year

233	120 602	Gen	eration	of Electi	ricity.						
Co	Operation—					070 101	-	10			
	Fuel	···	•••	•••	•••	£70,494		10			
	Water, Oil, Waste and	Stores	•••	***	***	4,759		5 7			
	Salaries and Wages	•••	•••	•••	•••	22,225 1,343	14				
	Other Expenses	***	•••	•••	•••	1,545	14	0			
,,	Maintenance—										
	Stores	***	•••	•••	•••	11,467					
	Salaries and Wages		•••	•••	•••	11,860	10				
	Other Expenses	•••	•••	•••	•••	10,219	11	8	£132,370	3	11
			ribution	of Elect	ricity.						0.77(7)
,,	Operation and Maintenance	-				12/12/22	- 12	12			
	Stores		•••	•••		1,189		6			
	Salaries and Wages					2,599		3			
	Other Expenses	•••	• • • •	•••	•••	700	5	4	4,489	4	1
			General	Expense	s.				- 4,409	4	1
	Local Administration and					7,065	3	2			
,,	General Expenses (including	o Main	tenance	of Quar		7,000	U	-			
,,	Stores Expenses, Rates										
		,	, .	CHOICH A				-			
	Contributions, etc.)					7.647	16	- 2			
zon	Contributions, etc.)	or and	General	Expense	s of	7,647	16	2			
,,	Administration, Engineering	ig and	General Falls a	Expense	s of	7,647	16	2			
,,	Administration, Engineering Operating Party (The	Victoria	Falls a	nd Trans	es of svaal	138,533					
	Administration, Engineering Operating Party (The Power Company, Limite	Victoria ed)	Falls a	nd Trans	s of svaal 	6,637	10	0			
,,	Administration, Engineering Operating Party (The Power Company, Limite Head Office Administration	Victoria ed)	Falls a	nd Trans  Expenses	es of svaal 	6,637 3,512	10 10	0			
,,	Administration, Engineering Operating Party (The Power Company, Limite	Victoria ed)	Falls a	nd Trans	s of svaal 	6,637	10 10	0	26,918	17	3
,,	Administration, Engineering Operating Party (The Power Company, Limite Head Office Administration	Victoria ed)	Falls a	nd Trans  Expenses	es of svaal 	6,637 3,512	10 10	0		_	_
,,	Administration, Engineering Operating Party (The Power Company, Limite Head Office Administration Engineering Expenses	Victoria ed)	Falls a	nd Trans	es of svaal 	6,637 3,512	10 10	0	163,778	5	3
,,	Administration, Engineerin Operating Party (The V Power Company, Limite Head Office Administration Engineering Expenses	Victoria ed)	Falls a	nd Trans  Expenses	es of svaal 	6,637 3,512	10 10	0		5	3
,,	Administration, Engineerin Operating Party (The Power Company, Limite Head Office Administration Engineering Expenses  Interest	Victoria d) and Ge	Falls a	nd Trans	es of svaal 	6,637 3,512 2,055	10 10 17	0 0 11	163,778	5	3
,,	Administration, Engineerin Operating Party (The Power Company, Limite Head Office Administration Engineering Expenses  Interest Redemption Fund—Loan No. 1	Victoria ed) a and Ge	Falls a	nd Trans	es of svaal 	6,637 3,512 2,055	10 10 17	0 0 11	163,778	5	3
,,	Administration, Engineerin Operating Party (The V Power Company, Limite Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 1 Loan No. 3	Victoria d) and Ge	Falls a	nd Trans	es of svaal 	6,637 3,512 2,055 5,458 78	10 10 17 9 18	0 0 11 11	163,778	5	3
,,	Administration, Engineerin Operating Party (The V Power Company, Limite Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 1 Loan No. 3 Loan No. 4	Victoria d) and Ge	Falls a	Expenses	es of svaal  	6,637 3,512 2,055 5,458 78 37,745	10 10 17 9 18 8	0 0 11 11	163,778	5	3
,,	Administration, Engineerin Operating Party (The Vower Company, Limite Head Office Administration Engineering Expenses  Interest	Victoria d) and Ge	Falls a	nd Trans	es of svaal 	6,637 3,512 2,055 5,458 78	10 10 17 9 18 8	0 0 11 11 0 4	163,778 92,155	5 17	3
,, ,,	Administration, Engineerin Operating Party (The V Power Company, Limite Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 1 Loan No. 3 Loan No. 4 Loan No. 5	Victoria d) and Ge	Falls a	Expenses	es of svaal  	6,637 3,512 2,055 5,458 78 37,745	10 10 17 9 18 8	0 0 11 11 0 4	163,778	17 17	3 11
,, ,,	Administration, Engineerin Operating Party (The Yower Company, Limite Head Office Administration Engineering Expenses  Interest	Victoria d) and Ge	Falls a	Expenses	es of svaal 	6,637 3,512 2,055 5,458 78 37,745	10 10 17 9 18 8	0 0 11 11 0 4	163,778 92,155	17 17	3 11 2
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Administration, Engineerin Operating Party (The V Power Company, Limite Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 1 Loan No. 3 Loan No. 4 Loan No. 5	Victoria d) and Ge	Falls a	Expenses	es of svaal	6,637 3,512 2,055 5,458 78 37,745	10 10 17 9 18 8	0 0 11 11 0 4	163,778 92,155 50,310 22,000 1,785	5 17 1 0 15	3 11 2 0 4
,,	Administration, Engineerin Operating Party (The Yower Company, Limite Head Office Administration Engineering Expenses  Interest	Victoria d) and Ge	Falls a	Expenses	es of svaal 	6,637 3,512 2,055 5,458 78 37,745	10 10 17 9 18 8	0 0 11 11 0 4	163,778 92,155 50,310 22,000	5 17 1 0 15	3 11 2 0
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Administration, Engineerin Operating Party (The Yower Company, Limite Head Office Administration Engineering Expenses  Interest	Victoria d) and Ge	Falls a	Expenses	es of svaal 	6,637 3,512 2,055 5,458 78 37,745	10 10 17 9 18 8	0 0 11 11 0 4	163,778 92,155 50,310 22,000 1,785	5 17 1 0 15	3 11 2 0 4
,,	Administration, Engineerin Operating Party (The VPower Company, Limite Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 1 Loan No. 3 Loan No. 4 Loan No. 5  Amount set aside to Reservations and the set aside to Reservations of the set aside to Reservations and the set aside to Reservatio	Victoria d) and Ge	Falls a	Expenses	es of svaal 	6,637 3,512 2,055 5,458 78 37,745	10 10 17 9 18 8	0 0 11 11 0 4	163,778 92,155 50,310 22,000 1,785	5 17 1 1 0 15	3 11 2 0 4 8
,, ,,	Administration, Engineerin Operating Party (The Yower Company, Limite Head Office Administration Engineering Expenses  Interest	Victoria d) and Ge	Falls a	Expenses	es of svaal 	6,637 3,512 2,055 5,458 78 37,745	10 10 17 9 18 8	0 0 11 11 0 4	163,778 92,155 50,310 22,000 1,785 £330,029	5 17 1 1 0 15	3 11 2 0 4 8
,, ,,	Administration, Engineerin Operating Party (The VPower Company, Limite Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 1 Loan No. 3 Loan No. 4 Loan No. 5  Amount set aside to Reservations and the set aside to Reservations of the set aside to Reservations and the set aside to Reservatio	Victoria d) and Ge	Falls a	Expenses	es of svaal 	6,637 3,512 2,055 5,458 78 37,745	10 10 17 9 18 8	0 0 11 11 0 4	163,778 92,155 50,310 22,000 1,785 £330,029	1 0 15 19	3 11 2 0 4 8

A. E. HARTE, C.A. (S.A.), Chief Accountant.

# Commission.

### UNDERTAKING.

By

ended	31st	December,	1934.
-------	------	-----------	-------

Bulk Supplies		 	 £254,870	16	8			
Industrial Supplies		 	 66,490		1			
Domestic and Lighting	Supplies		 4,591	7	3			
= = =	100		-		_	£325,952	8	0
" Other Revenue		 •••				4,077	11	8

				£330,029	19	8
Balance at 31st De Balance brought do	1933, 	brought	forward	 £2,967 1,785		
				£4,753	7	0

### **CAPETOWN**

_	_	
7	n	

# Revenue Account for the Year

		Gen	eration	of Electr	icity.						
То	Proportion of Pooled Costs (As per attached Statem			•••	•••	£100,953	10	1			
	Operation and Maintenance										
**	Other Expenses	•••	•••		•••	1,431	14	4	0100 005		2
		Dist	ribution	of Elect	ricity.				£102,385	4	5
	Operation and Maintenance		inductor	. or Licot.	ionty.						
"	Stores					1,892	5	3			
	Salaries and Wages			200		10,797	9	10			
	Other Expenses				•••	4,938	3	5	15 005	10	
			Genera	I Expenses	ŧ.				17,627	18	6
	Local Administration and T					0 491	0	10			
"	General Expenses (including				ters	6,431	0	10			
,,	Stores Expenses, Rates,	Insur	ance.	Pension I	und						
	Contributions, etc.)					7,805	3	6			
,,	Head Office Administration	and G	eneral	Expenses		6,337	3	8			
,,		•••		•••	•••	3,709	4	1			
						24,283	0	1			
	Less-Charged to Pooled	Costs				2,164		o			
		00000			•••		_		22,118	19	1
									110 100	_	_
	Interest					00 007	0	0	142,132	2	0
,,	Redemption Fund—	•••	•••	•••	•••	96,827	2	3			
,,	Loon No 9					10,773	19	6			
	Loan No. 4			•••	•••	1,792	5	3			
	Loan No. 5	655		•••	•••	16,533	9	ĭ			
٠,	Amount set aside to Reserve	ve Fun			***	16,000	ő	Ô			
							_	-			
	Ton Channel to Deal 1					141,926		1			
	Less—Charged to Pooled	Costs	•••	•••	•••	27,211	2	9	114,715	7	
	Balance carried down								6,533		0
"	and the same states	***	•••		•••						_
									£263,380	19	4
m.	D. 1. 1. 1. D. 1	1000 1								-	
10	Balance at 31st December,	1933, 1	rought	iorward	•••				£8,174	1	3
									£8,174	1	-3
										•	

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg, 29th March, 1935.

4			
Comi	ms	ទារា	11

### UNDERTAKING.

ended 31st December, 1934.

Cr.

idea 51st December, 1754.									_
Sales of Electricity—									
Manadian Canadian				£151,860	5	9			
Bulk Supplies				28,160		7			
Industrial Supplies				60,217		9			
Domestic and Lighting Supplies		•••	•••	20,842		3			
					-		£261,080	19	
Other Revenue				2,729	10	3			
Less—Credited to Pooled Costs	•••	•••		429					
Desired to reside costs	•••	•••	•••		***		2,300	0	
							2,000		
							£263,380	19	
							£263,380	19	
Balance brought down Balance as per Balance Sheet			100.0				£263,380 £6,533 1,640	-	

Referred to in our Report of 17th April, 1935.

B. HALSEY, ALEX. AIKEN & CARTER,

Auditors.

£8,174 1 3

# Electricity Supply Commission

### SALT RIVER AND DOCK

Dr.

# Statement of Pooled Costs for the Year ended

	by Electi Suppl	Expenditure by Electricity Supply Commission.			Expenditure by City of Capetown.			Pooled Costs.		
Pooled Generation of Electricity.									•	
To Operation and Maintenance—										
Fuel	£159,514	12	2	£33,364	4	7	£192,878	16	9	
Water, Oil, Waste and Stores	8,019	3	0	2,455	1	2	10,474	4	2	
Salaries and Wages	14,690	6	0	11,550	15	4	26,241	1	4	
Other Expenses	11,681	8	3	1,406	1	2	13,087	9	5	
,, General Expenses (including Stores Expenses, Rates, Insurance, Pen- sion Fund Contributions, etc.)	2,164	1	0	1,821	9	8	3,985	10	8	
" Interest	14,262	17	7		_	e 1	14,262	17	7	
" Redemption Fund	11,375	1	10			.	11,375	1	10	
,, Reserve Fund	1,573	3	4		-		1,573	3	4	
	£223,280	13	2	£50,597	11	11	£273,878	5	1	

Capetown,

29th March, 1935.

# and City of Capetown.

### ROAD POWER STATIONS.

31st December, 1934, and Allocation thereof.

Cr.

ent—	6100.078	10				
	172,323	13	7	0070 077		
		_	_	£213,211	0	
	429	10	3			
	171	11	2			
		_	_	601	1	
		£100,953 172,323 429	£100,953 10 172,323 13 429 10	£100,953 10 1 172,323 13 7 429 10 3	£100,953 10 1 £100,953 10 1 172,323 13 7 ————————————————————————————————————	£100,953 10 1 172,323 13 7 ————————————————————————————————————

GEO. H. SWINGLER,

Manager of the Pooled Stations.

Generation of Electricity.

General Expenses.

...

...

...

...

Commission.

# UNDERTAKING.

ended 31st December, 1934.

Account No. 9.

By Sales of Electrici	ity—					
Bulk Supplies	•••	•••	****	•••	***	£211,781 10 6
,, Other Revenue		•••		•••	***	338 13 2
., Balance carried d	own					2,591 12 5

Α.	E.	HARTE.	C.A.	(S.A.).	Chief	Accountant.

Electricity Supply

Revenue Account for the Year

£71,761 13 3

12.829 3 10

956 11 7

724 0 11

6.765 10 3

2,312 17 1

3,940 15 3

3,326 15 9

5,884 10 6

3,444 5 3

2,441 19 8

3,910 9 3

19,801 7 8

3,130 1 8

10,572 4 9

DURBAN

£105,922 1 8

16,596 6 9 122,518 8 5 47,909 9 5

29,283 18 3

15,000 0 0 £214,711 16 1

£2,591 12 5

3,956 16 1 £6,548 8 6

Ør.

To Operation-Fuel

" Maintenance—

Stores

Water, Oil, Waste and Stores

,, Local Administration and Technical Management

" Head Office Administration and General Expenses

"General Expenses (including Maintenance of Quarters, Stores Expenses, Rates, Insurance, Pension Fund

Salaries and Wages

Other Expenses ...

Salaries and Wages

Other Expenses ...

Contributions, etc.)

,, Engineering Expenses

,, Redemption Fund-Loan No. 1

Loan No. 3

Loan No. 4

Loan No. 5

To Balance brought down

,, Balance as per Balance Sheet

" Amount set aside to Reserve Fund ...

., Interest

Johannesbu	ırg,	
29th	March,	1935.

£214,711 16 1 By Balance at 31st December, 1933, brought forward ... £6,548 8 6 £6,548 8 6

B. HALSEY,

Referred to in our Report of 17th April, 1935.

Auditors. ALEX. AIKEN & CARTER,

# Commission.

### UNDERTAKING.

ended 31st December, 1934.

Cr.

£13,275 9 4

£59 1 6 133 14 10 £192 16 4

Account No. 10.

Ву	Sales of Electricity						200 200	27	
	Mining Supplies	•••	•••	•••	•••		£13,256	4	4
,,	Other Revenue				•••	•••	19	5	0

1 M	lanage	ement		20	5	4	7			
ten	ance o	of Quar	ters,							
ibut	ions,	etc.)		23	1	0	2			
ener	al Ex	penses		75	1	8	6			
	•	•••	•••	44	1	11	6			
				_	_	2.2.20	-	1,633	4	9
								4,638	8	9
	2							4,442		
								-,	-	
200				37	5	17	8			
		***		2,61	0	16	6			
				47	1	9	6			
				-	-			3,461	3	8
d		***	***					600	0	0
								133	14	10
								£13,275	9	4
								£192	16	4
								£192	16	4

Electricity Supply

Revenue Account for the Year

SABIE

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg, 29th March, 1935.

Dr.

Referred to in our Report of 17th April, 1935.

By Balance at 31st December, 1933, brought forward ,, Balance brought down ... ... ...

B. HALSEY, Auditors. ALEX. AIKEN & CARTER,

	Gen	eration	of Electr	icity.						
'o Operation—										
Water, Oil, Waste an	d Stores				£29	18	3			
Salaries and Wages					1,800	7	3			
,, Maintenance—										
Stores			02000		382	1	7			
Salaries and Wages					224	0	1			
Other Expenses					158	12	0			112
	Dist	ribution	of Elect	ricity.				£2,594	19	2
,, Operation and Maintenar										
Stores				-222	32	3	2			
Salaries and Wages	***	***			240					
Other Expenses			***	***	137	1	9			
187-701.879.8700 <b>%</b> .8173-739 - 318	2,7,6,7,4					- 57		410	4	10
		T 1000	Expense	S.						
,, Local Administration and			gement	•••	206	4	7			
., General Expenses (include										
				ters,						
Insurance, Pension Fu	ind Contr	ibution	s, etc.)	ters,	231	0	2			
Insurance, Pension Fu ,, Head Office Administration	ind Contr	ibution	s, etc.)	200	754	8	6			
Insurance, Pension Fu	ind Contr	ibution	s, etc.)			8	-	1 000	2 12	
Insurance, Pension Fu ,, Head Office Administration	ind Contr	ibution	s, etc.)	 	754	8	6	1,633	4	9
Insurance, Pension Fu ,, Head Office Administration	ind Contr	ibution	s, etc.)	 	754	8	6	1,633 4,638	4 8	-
Insurance, Pension Fu , Head Office Administratio , Engineering Expenses	ind Contr	ibution	s, etc.)	 	754	8	6			5
Insurance, Pension Fu Head Office Administration Engineering Expenses  Interest	and Contron and Go	ibutions	s, etc.) Expenses		754 441	8 11	6	4,638	8	9
Insurance, Pension Fu Head Office Administration Engineering Expenses  Interest	ind Contron and Go	ibutions	expenses		754 441 375	8 11 17	8	4,638	8	5
Insurance, Pension Fu Head Office Administration Engineering Expenses  , Interest Redemption Fund— Loan No. 1 Loan No. 4	ind Contron and Go	ibutions	s, etc.) Expenses		754 441 375 2,610	8 11 17 16	6	4,638	8	5
Insurance, Pension Fu Head Office Administration Function Interest Redemption Fund— Loan No. 1 Loan No. 4	ind Contron and Go	ibutions	expenses		754 441 375	8 11 17 16	8 6	4,638	8	5
Insurance, Pension Fu Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 1 Loan No. 4	ind Contron and Go	ibutions eneral	s, etc.) Expenses		754 441 375 2,610	8 11 17 16	8 6	4,638 4,442	8 2	2
Insurance, Pension Fu Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 1 Loan No. 4 Loan No. 5	ind Contron and Go	ibutions eneral	s, etc.) Expenses		754 441 375 2,610	8 11 17 16	8 6	4,638 4,442 3,461	8 2 3 0	8
Insurance, Pension Fu Head Office Administration Engineering Expenses  Interest Redemption Fund— Loan No. 1 Loan No. 4 Loan No. 5 Amount set aside to Res	ind Contron and Go	ibutions	etc.) Expenses		754 441 375 2,610	8 11 17 16	8 6	4,638 4,442 3,461 600	8 2 3 0 14	§ (

Incorporated under the

# BALANCE SHEET at

	Capital an No. 1: an No. 2:							£3,000,000 5,000,000		0	£10,939,689	10	0
		<i>Lees</i> —]	Repaid	during	1933 an	d 1934		8,000,000 8,000,000		0			
		Loc	al Reg	istered	Stocks-	_		-					
Lor	n No. 3:			per cer				500,000	0	0			
Los	an No. 4:	£2,500	,000 41	per cer	nt. 195	3	***	2,500,000	0	0			
Los	an No. 5:	£6,750 £2,500	,000 31	per cer	nt. 195	9/64 (p	ayable	6,750,000	0	0			
			in 10	full not 35, in to	later t	han 31s	t May,						
			100	Fully				1,117,450	0	0			
					y paid			72,239					
	£	212,250	,000										
Interest	Accrued	on Loa	n Capi	tal							45,573	5	8
Sundry	Creditors	and C	redit E	alances		***	0.00				171,961	7	4
Pension	Fund										56,312	18	9
	tion Fund		0 40		***	•••					592,629	9	4
(As	Loan No.	0	2 10	4)				21,019	4	0			
	Loan No.							396,067	0	3			
	Loan No.	5 .				•••		175,543	5	1			
	Fund	unt No	. 5)			***					706,231	5	5
Balance	on Rever	nue Ac	counts								17,153	10	11
(As	per Acco	unts N	os. 6 t	0 10)				0.001		^			
	Natal Cer				•••	•••	•••	9,891 4,753	7	9			
	Witbank Durban U				•••	•••		3,956		ĭ			
	Sabie Un	dertaki	ng					192	16	4			
								18,794	9	2			
	Less-Cap	etown	Undert	aking	***	(1000)		1,640		3			
Nor	Commission mately £ Account; Fund.	n is co	ommitte 000 for	d to th	e exten	t of ap	proxi- apital			-			

£12,529,551 7 5

H. J. VAN DER BIJL, Chairman. A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg, 29th March, 1935.

# Commission.

Electricity Act, 1922.

31st DECEMBER, 1934.

	pital Accou chedule att										
Land and Righ		***	***	***	•••	£140,330					
Buildings and				•••	•••	2,551,577		3			
Machinery and	Plant	•••	•••	•••	•••	6,701,187	14	0	£9,393,095	17	1
Less—Net Reve	nue during			Adinet	 mants	132,724	1	7	20,000,000		
Act, 19	930, for re in reducti	paymen	t of adv	ances, a	appro-	123,650	1	10	050 054	•	
								_	256,374		- 6
Movable Plant and	Fauinment	1000	denreciat	ion)					9,136,721 38,278		
Workshop Equ									,		
Plant						22,455	19	7			
Transportation						2,355	8	9			
Furniture, Fixt	cures and l	Fittings	***	(***)	***	13,467	0	2			
Stores and Materia	ıls							_	106,986	15	9
Sundry Debtors an	d Debit B	alances			100				140,330	6	9
중에 일찍 여름이 되었다면 하네요. 그렇				2577332	0.00						
Cash on Current A	ccount								1 329 866	17	11
Cash on Current A (Including £1,0 paid in adv	47,927 15s.	for ins	 talments	, Loan l	 No. 6,				1,329,866	17	11
	47,927 15s. vance)	for ins			No. 6,						
(Including £1,0 paid in adv	47,927 15s. vance) sion Fund			, Loan l	No. 6,				1,329,866 66,369		
(Including £1,0 paid in adv	47,927 15s. vance) sion Fund ed in Mun			, Loan l	No. 6,	66,057	10	0			
(Including £1,0 paid in adv Investment of Pens Amount invest	47,927 15s. vance) sion Fund ed in Mun Stocks			, Loan l	No. 6,  Supply	66,057 311					
(Including £1,0 paid in adv Investment of Pens Amount invest Commission	47,927 15s. vance) sion Fund ed in Mun a Stocks ed	icipal a   und	und Elec	tricity S	No. 6,  Supply 					3	11
(Including £1,0 paid in adv Investment of Pens Amount invest Commission Interest Accrue	47,927 15s. vance) sion Fund ed in Mun a Stocks ed cemption F	icipal a   und	and Elec	tricity S	No. 6,  Supply 				66,369	3	11
(Including £1,0 paid in adv Investment of Pens Amount invest Commission Interest Accrue Investment of Red (As per Statem Loan No. Loan No.	47,927 15s. vance) sion Fund ed in Mun a Stocks ed emption F nents attac 3 4	icipal a   und	and Elec	tricity S	No. 6,	34,932 496,150	13	11 2 11	66,369	3	11
(Including £1,0 paid in adv Investment of Pens Amount invest Commission Interest Accrue Investment of Red (As per Statem Loan No.	47,927 15s. vance) sion Fund ed in Mun a Stocks ed emption F nents attac 3 4	icipal a und hed.)	and Elec	tricity S	No. 6, Supply	34,932	13	11	66,369	3	11
(Including £1,0 paid in advinvestment of Pens Amount investment of Commission Interest Accruelinvestment of Red (As per Staten Loan No. Loan No. Loan No. Loan No.	47,927 15s. vance) sion Fund ed in Mun a Stocks ed emption F enents attac 3 4 5	icipal a	and Elec	tricity S	No. 6, Supply	34,932 496,150	13	11 2 11	66,369	3	11
(Including £1,0 paid in adv Investment of Pens Amount invest Commission Interest Accrue Investment of Red (As per Statem Loan No. Loan No.	47,927 15s. vance) sion Fund ed in Mun a Stocks ed emption F ents attac 3 4 5 erve Fund ed in Stock uth Africa, mmission;	und hed.) ss of the	and Elec	tricity S	No. 6, Supply of the tricity anteed	34,932 496,150	13 4 1 9	11 2 11 1	66,369 841,051	3	11
(Including £1,0 paid in advitored in advitor	47,927 15s. vance) sion Fund ed in Mun a Stocks ed emption F ents attac 3 4 5 erve Fund ed in Stock uth Africa, mmission; ernment of	und hed.) ss of the	and Elec	tricity S	No. 6, Supply of the tricity anteed	34,932 496,150 309,969	13 4 1 9	11 2 11 1 1	66,369 841,051	3	11
(Including £1,0 paid in advitage of Pens Amount investe Commission Interest Accrue Investment of Red (As per Statem Loan No. Loan No. Loan No. Investment of Rese Amount investe Union of So Supply Cob by the Gove	47,927 15s. vance) sion Fund ed in Mun a Stocks ed emption F ents attac 3 4 5 erve Fund ed in Stock uth Africa, mmission; ernment of	und hed.) ss of the	and Elec	tricity S	No. 6, Supply of the tricity anteed ica	34,932 496,150 309,969	13 4 1 9	11 2 11 1 1	66,369 841,051	3	11

Referred to in our Report of 17th April, 1935.

B. HALSEY,

ALEX. AIKEN & CARTER,

Auditors.

# Electricity Supply Commission.

# SCHEDULE OF EXPENDITURE ON CAPITAL ACCOUNT to 31st December, 1934.

Expenditure in connection with Electricity Undertakings.	31s	Total to t December, 1933.	31st	Year ended December, 1934.	Total to 31st December, 1934.
Buildings and Civil Works Machinery and Plant		£18,521 19 5 791,814 4 6 2,647,195 11 5 24,877 9 3	Cr.	£2 13 3 6,475 15 11 124,382 4 5 24,877 9 3	£18,519 6 2 798,290 0 5 2,771,577 15 10
Net Revenue during Construction Provision made prior to Financi Adjustments Act, 1930, for repa	Cr.	£3,482,409 4 7 2,210 10 6		£105,977 17 10 * 2,210 10 6	£3,588,387 <u>2</u> 5
ment of Advances, appropriated reduction of Capital Expenditure	Cr.	200,767 19 10		* 77,117 18 0	Cr. 123,650 1 10
		£3,279,430 14 3	l.	£185,306 6 4	£3,464,737 0 7
WITBANK UNDERTAKING:		* Appropriated in	reducti	on of charges in ra	ising Loan No. 5.
Land and Rights Buildings and Civil Works Machinery and Plant	::	£9,035 19 2 571,705 18 0 1,466,949 16 4 52,859 9 2	Cr.	£185 4 0 7,148 12 1 193,101 0 5 52,859 9 2	£9,221 3 2 578,854 10 1 1,660,050 16 9
V . D . 1 C		£2,100,551 2 8	-	£147,575 7 4	£2,248,126 10 0
Net Revenue during Construction	Cr.	103,458 8 4 £1,997,092 14 4		£147,575 7 4	£2,144,668 1 8
Buildings and Civil Works Machinery and Plant		£22,416 7 10 651,310 6 5 1,218,718 5 5 37,596 19 7	Cr.	£185 11 5 24,314 19 1 180,500 2 10 37,596 19 7	£22,601 19 3 675,625 5 6 1,399,218 8 3
Net Revenue during Construction Provision made prior to Financ Adjustments Act, 1930, for repa	Cr.	£1,930,041 19 3 15,575 2 3		£167,403 13 9 *10,556 0 2	Cr. £2,097,445 13 0 5,019 2 1
ment of Advances, appropriated reduction of Capital Expenditure	Cr.	17,982 13 0		* 17,982 13 0	
		£1,896,484 4 0		£195,942 6 11	£2,092,426 10 11
Land and Rights Buildings and Civil Works Machinery and Plant Miscellaneous Equipment	::	£29,689 3 0 350,387 19 10 624,620 14 10 6,728 10 8		£478 16 8 43,043 11 2 6,728 10 8	£29,689 3 0 350,866 16 667,664 6 0
Net Revenue during Construction	Cr.	£1,011,426 8 4 15,121 15 4		£36,793 17 2	£1,048,220 5 6 Cr. 15,121 15 4
		£996,304 13 0		£36,793 17 2	£1,033,098 10 2
SABIE UNDERTAKING:  Land and Rights Buildings and Civil Works Machinery and Plant Miscellaneous Equipment		£510 0 0 65,300 8 4 37,481 10 9 3,077 4 0		£157 13 4 1,819 16 8 3,077 4 0	£510 0 0 65,458 1 8 39,301 7 5
Net Revenue during Construction	Cr.	£106,369 3 1 9,124 15 10		£1,099 14 0	£105,269 9 1 Cr. 9,124 15 10
		£97,244 7 3	Cr.	£1,099 14 0	£96,144 13 3
DERTAKING:	N-		1	121 22 2	
Land and Rights Buildings and Civil Works Machinery and Plant		=	-	£3 18 3 74,980 16 0 113,913 4 9 £188,897 19 0	£3 18 3 74,980 16 0 113,913 4 9 £188,897 19 0
	-	27.00	+-		1
Buildings and Civil Works Machinery and Plant	3: 	=		£771 1 6 49,461 15 0 £50,232 16 6	£771 1 6 49,461 15 0
HEAD OFFICE:	-		+	£50,232 16 6	£50,232 16 6
Land Building Furniture, Fixtures and Fittings		£7,093 1 11	Cr.	£59,785 3 0 6,730 18 7 7,093 1 11	£59,785 3 0 6,730 18 7
		£7,093 1 11		£59,422 19 8	£66,516 1 7
SUMMARY:  Land and Rights  Buildings and Civil Works  Machinery and Plant  Miscellaneous Equipment		£80,173 9 5 2,430,518 17 1 5,994,965 18 9 132,232 14 7		£60,157 3 5 121,058 13 2 706,221 15 3 132,232 14 7	£140,330 12 16 2,551,577 10 3 6,701,187 14 0
ALTERNATION OF THE SECOND PROCESS AND ALTERNATION OF THE STREET SECOND ALTERNATION ALTERNA	Cr.	£8,637,890 19 10 145,490 12 3	201	£755,204 17 3 * 12,766 10 8	£9,393,095 17 Cr. 132,724 1
Net Revenue during Construction Provision made prior to Finand Adjustments Act, 1930, for rep	ial y-				
	ial y- in Cr.	218,750 12 10		* 95,100 11 0	Cr. 123,650 1 10

STATEMENT SHOWING DETAILS OF INVESTMENTS ON BEHALF OF THE REDEMPTION FUND IN RESPECT OF THE £500,000 ELECTRICITY SUPPLY COMMISSION 42% LOCAL REGISTERED STOCK, 1953/63 (LOAN No. 3) AS AT 31st DECEMBER, 1934.

STATEMENT SHOWING DETAILS OF INVESTMENTS ON BEHALF OF THE REDEMPTION FUND IN RESPECT OF THE £2,500,000 ELECTRICITY SUPPLY COMMISSION 4½% LOCAL REGISTERED STOCK, 1953 (LOAN No. 4) AS AT 31st DECEMBER, 1934.

								£496,150	1	11
	Interest Accrued	***		***			933	3,682	16	11
£100,100	Electricity Supply	Commission	41%	Local Regist	ered	Stock,	1953	100,100	0	0
£51,200	South African Iron Guaranteed Fi	n and Steel rst Mortga	Indu ge Re	strial Corporegistered Deb	atio entu	n, Limit res, 194	ed, 5% 6/71	51,200	0	0
£315,000	Union of South Af	rica 4½% Lo	ocal R	degistered Sto	ck,	1953		315,000	0	0
£26,200	Union of South Af	rica 5% (10	) year	) Loan, 1935			•••	£26,167	5	0

STATEMENT SHOWING DETAILS OF INVESTMENTS ON BEHALF OF THE REDEMPTION FUND IN RESPECT OF THE £6,750,000 ELECTRICITY SUPPLY COMMISSION 3½% LOCAL REGISTERED STOCK, 1954/64 (LOAN No. 5) AS AT 31st DECEMBER, 1934.

£8,710	Union of South Africa 5% (10 year) Loan, 1935		£8,699	2	3
£10,000	South African Iron and Steel Industrial Corporation, Limite Guaranteed First Mortgage Registered Debentures, 1946,	d, 5% /71	9,975	0	0
£42,750	Electricity Supply Commission 43% Local Registered Stock, 19	953/63	42,750	0	0
£252,000	Electricity Supply Commission 33% Local Registered Stock, 19	954/64	246,330	0	0
	Interest Accrued		2,215	6	10
			6900 060	0	_

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg, 29th March, 1935.

Fig. Redemption Fund Account for the in respect of £750,000 Government of the Union of South Africa Loan

To Amount Transferred to	Redem	otion F	and Acc	ount,				
Loan No. 5				•••				£129,710 14 10
Witbank Undertaking	•••	•••		•••	£95,936	0	11	
Durban Undertaking	•••	***	***		26,960	15	9	
Sabie Undertaking					6,654	8	5	
Head Office					159	9	9	

£129,710 14 10

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg, 29th March, 1935.

# Commission.

Account No. 1.

Period 1st January to 15th June, 1934,

Cr.

(Loan No. 1) redeemable not later than the 31st December, 1954.

By Balance at 31st December	, 1933,	brought	forward	•••				£111,928	9	2
Witbank Undertaking			•••		£83,434	11	3			
Durban Undertaking					22,574	15	4			
Sabie Undertaking					5,790	2	2			
Head Office	•••	•••		•••	129	0	5			
", Amounts Contributed duri	ng the	Year ou	t of Rev	enue				8,295	9	7
Witbank Undertaking					5,458	9	11			
Durban Undertaking		***		***	2,441	19	8			
Sabie Undertaking	•••	•••			375	17	8			
Head Office	•••	•••		***	19	2	4			
,, Profit on Sales of Investr	nents				10,562	2	7			
Less-Premium on Inve	stments	written	off		3,097	8	10	7,464	13	9
, Interest Earned on Inves	tments							2,022	2	4
Witbank Undertaking					1,503	16	3			
Durban Undertaking		•••			411	15	2			
Sabie Undertaking				•••	104	2	6			
Head Office					2	8	5			

£129,710 14 10

We hereby certify that we are satisfied as to the correctness of the Accounts and Books of the Redemption Fund.

B. HALSEY,
ALEX. AIKEN & CARTER. Auditors.

Dr.

# Redemption Fund Account for the in respect of £500,000 Electricity Supply Commission

To Balance as per Balance Sheet	 					£21,019	4	0
Natal Central Undertaking	 		£57	7	9			
Witbank Undertaking	 	•••	78	18	0			
Capetown Undertaking	 		12,562	13	5			
Durban Undertaking	 		8,320	4	10			

£21,019 4 0

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg, 29th March, 1935.

### Commission.

Account No. 2.

Year ended 31st December, 1934,

Cr.

4½% Local Registered Stock 1953/63 (Loan No. 3).

By Balance at 31st December	r, 1933,	brought	forward					£6,216	3	9
Natal Central Underta	king				£17	8	3	8		
Capetown Undertaking				•••	1,788	19	11			
Durban Undertaking					4,409	15	7			
					-		_			
" Amounts Contributed du	ring the	Year o	ut of Rev	enue				14,803	0	3
Natal Central Underta	aking		***		39	19	6			
Witbank Undertaking		***			78	18	0			
Capetown Undertaking					10,773	13	6			
Durban Undertaking					3,910	9	3			
					-		_			
" Interest Earned on Inves	stments	***	•••						_	
Interest Earned	***	***	***	•••	519	17	8			
Less-Appropriated in	reduct	ion of	Premium	on	F10	17	8			
Investments	1.55	655		•••	519	17	_			
					65180m81mm			9 Last (1901)		77.20
								£21,019	4	0

We hereby certify that we are satisfied both as to the correctness of the Accounts and Books of the Redemption Fund and as to the Maintenance of the Fund at the amount required by the Schedule to the Electricity Act, 1922.

B. HALSEY,
ALEX. AIKEN & CARTER,

Auditor

### Dr.

# Redemption Fund Account for the in respect of £2,500,000 Electricity Supply Commission

To Balance as per Balance Sheet	 •••				£396,067	0	3
Witbank Undertaking	 	 £285,557	7	7			
Capetown Undertaking	 	 1,798	19	11			
Durban Undertaking	 	 88,989	1	3			
Sabie Undertaking	 	 19,147	7	5			
Head Office	 	 574	4	1			
				_			

£396,067 0 3

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg, 29th March, 1935.

### Commission.

Year ended 31st December, 1934,

Cr.

4½% Local Registered Stock 1953 (Loan No. 4).

Bv	Balance at 31st December,	1933.	brought	forward					£326,635	6	8
	Witbank Undertaking					£242,417	2	11	,		-
	Durban Undertaking				•••	67,646	6	11			
	Sabie Undertaking					16,171	6	5			
	Head Office	•••				400	10	5			
,,	Amounts Contributed durin	g the	Year out	of Re	venue			_	62,114	9	7
	Witbank Undertaking		***		•••	37,745	8	4			
	Capetown Undertaking					1,792	5	3			
	Durban Undertaking					19,801	7	8			
	Sabie Undertaking			•••		2,610	16	6			
	Head Office	•••				164	11	10			
,,	Net Proceeds of Sales of Fi	xed P	roperty			-		_	602	11	3
	Witbank Undertaking				***	471	1	8			
	Durban Undertaking	****	***	***		95	10	0			
	Sabie Undertaking	***			•••	36	0	0			
,,	Interest Earned on Invest	ments				16,466	10	2			
,,	Profit on Sale of Investmen	its				7,329	1	9			
						23,795	11	11			
	Less-Premium on Inves	tment	s written	off		17,080			0 51 4	10	
	Witbank Undertaking	••••		•••		4,923	14	8	6,714	12	4
	Capetown Undertaking			***		6	14	8			
	Durban Undertaking				***	1,445	16	8			
	Sabie Undertaking					329	4	6			
	Head Office					9	7	10			

£396,067 0

We hereby certify that we are satisfied both as to the correctness of the Accounts and Books of the Redemption Fund and as to the Maintenance of the Fund at the amount required by the Schedule to the Electricity Act, 1922.

B. HALSEY,

Auditors.

ALEX. AIKEN & CARTER,

Dr.

Redemption Fund Account for the in respect of £6,750,000 Electricity Supply Commission

To Balance as per Balance Sheet	•••	***	•••				£175,543	5	1	
Natal Central Undertaking				£32,980	1	10				
Witbank Undertaking				92,014	19	8				
Capetown Undertaking				16,989	14	11				
Durban Undertaking				27,022	19	1				
Sabie Undertaking				6,369	8	11				
Head Office				166	0	8				

£175,543 5 1

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Commission.

Account No. 4.

Year ended 31st December, 1934,

Cr.

33% Local Registered Stock 1954/64 (Loan No. 5).

By Amount Transferred from Loan No. 1	n Reder	nption F	und A	count,	£129,710	14	10			
Less-Proportion of Ch	arges in	n Raising	Loan	No. 5	17,471	16	8			
						_		£112,238	18	2
Witbank Undertaking	•••	***	***	•••	83,013	12	3			
Durban Undertaking	•••	•••		•••	23,329	4	3			
Sabie Undertaking	•••	***		***	5,758	1	7			
Head Office		•••		•••	138	0	1			
,, Amounts Contributed dur	ing the	Year ou	t of R	evenue				59,912	16	7
Natal Central Undertal					32,722	19	9			
Witbank Undertaking					7,027	4	11			
Capetown Undertaking	•••		***		16,533	9	1			
Durban Undertaking					3,130	1	8			
Sabie Undertaking			***	***	474	9	6			
Head Office		•••		•••	24	11	8			
,, Nett Proceeds of Sales of	Fixed	Property					_	334	3	8
Natal Central Undertal	king				12	10	2			
Capetown Undertaking	•••	•••	•••	•••	321	13	6			
, Interest Earned on Invest	ments							3,057	6	8
Natal Central Undertal	king	•••	***	•••	244	11	11			
Witbank Undertaking					1,974	2	6			
Capetown Undertaking	***		***	***	134	12	4			
Durban Undertaking					563	13	2			
Sabie Undertaking		***	***		136	17	10			
Head Office		***		•••	3	8	11			
										_
								£175,543	5	1

We hereby certify that we are satisfied both as to the correctness of the Accounts and Books of the Redemption Fund and as to the Maintenance of the Fund at the amount required by the Schedule to the Electricity Act, 1922.

B. HALSEY,
ALEX. AIKEN & CARTER,

Auditors.

Johannesburg, 29th March, 1935.

Dr.

### Reserve Fund Account for the

To Expenditure during the Year on	Repla	acements	and						
Betterment		•••					£23,339	2	3
Natal Central Undertaking		•••		£5,126	19	7			
Witbank Undertaking				12,910	3	11			
Capetown Undertaking				3,218	17	6			
Durban Undertaking				2,083	1	3			
" Balance as per Balance Sheet	***	****					706,231	5	5
Natal Central Undertaking		***		326,834	6	9			
Witbank Undertaking				164,523	8	0			
Capetown Undertaking				134,673	10	0			
Durban Undertaking	•••			72,158	18	11			
Sabie Undertaking				8,041	1	9			

£729,570 7

# Commission.

Account No. 5.

### Year ended 31st December, 1934.

Cr.

By Balance at 31st December,			forward					£591,373	3	3
Natal Central Underta	aking	•••	***	•••	£276,875	16	3			
Witbank Undertaking	•••	***			141,842	18	7			
Capetown Undertaking			122		111,625	16	9			
Durban Undertaking					54,194	15	4			
Sabie Undertaking	•••	•••			6,833	16	4			
" Amounts set aside during	the	Year as	per Re	venue	=					
Accounts	•••			•••				83,600	0	0
Natal Central Underta	king	***	227	•••	30,000	0	0			
Witbank Undertaking	•••	227	***	***	22,000	0	0			
Capetown Undertaking	***	***	0.000	***	16,000	0	0			
Durban Undertaking	***	100		***	15,000	0	0			
Sabie Undertaking	***	•••	•••		600	0	0			
" Other Contributions		***	•••				_	856	14	5
" Profit on Sales of Investme	nts		***					25,141	14	6
" Interest Earned on Investr	nents		2007					28,598	15	6
								£729,570	7	8

### NATAL CENTRAL

Dr.

### Revenue Account for the Year

To Operation—	Gen	eration	of Electr	icity.						
Fuel					£55,995	4	8			
Water, Oil, Waste ar	d Stores				934	î	0			
Salaries and Wages	•••	•••				2	4			
Other Expenses	***	•••	***		485	18	8			
,, Maintenance—										
Stores					5,006	8	10			
Salaries and Wages					9,208					
Other Expenses					2,259					
							_	£89,514		
,, Electricity Purchased	•••	• • • •	•••	***					18	1
	Dist	ribution	of Electi	ricity.						
,, Operation and Maintena										
Stores			270		2,856	15	8			
Salaries and Wages	***				13,751		3			
Other Expenses		•••	•••	•••	4,198		5			
Assert was a respect to the second to the se							_	20,806	10	4
		General	Expenses	2.						
Local Administration an					6 206	14	0			
", Local Administration an ", General Expenses (inclu Stores Expenses, Ra Contributions, etc.) ", Head Office Administrati ", Engineering Expenses	d Technic ding Main tes, Insur	al Manatenance ance, I	agement of Quar Pension F	ters,	6,296 8,810 7,468 4,371	1 16	8 4 5 4	98 047		
", General Expenses (inclu Stores Expenses, Ra Contributions, etc.) ", Head Office Administrati ", Engineering Expenses"	d Technic ding Main tes, Insur	al Manatenance ance, I	agement of Quar Pension F	ters, fund	8,810 7,468	1 16	4 5	26,947 137,269 159,517	3 6 6	6
", General Expenses (inclusive Stores Expenses, Ra Contributions, etc.) ", Head Office Administrative Engineering Expenses" ", Interest ", Redemption Fund—	d Technic ding Main tes, Insur	al Manatenance cance, I  eneral I	agement of Quar Pension H Expenses	ters, fund	8,810 7,468 4,371	16 16	4 5 4	137,269	6	6
", General Expenses (inclu Stores Expenses, Ra Contributions, etc.) ", Head Office Administrati ", Engineering Expenses" ", Interest ", Redemption Fund— Loan No. 3	d Technic ding Main tes, Insur	al Manatenance cance, I eneral I	agement of Quar Pension F  Expenses 	ters,	8,810 7,468 4,371	1 16 11	4 5 4	137,269	6	6
", General Expenses (inclusion Stores Expenses, Ra Contributions, etc.) ", Head Office Administrative, Engineering Expenses" ", Interest" ", Redemption Fund—	d Technic ding Main tes, Insur	al Manatenance cance, I  eneral I 	agement of Quar Pension F Expenses 	ters, fund 	8,810 7,468 4,371	1 16 11	4 5 4	137,269 159,517	6	6 10
", General Expenses (inclustores Expenses, Ra Contributions, etc.) ", Head Office Administrative, Engineering Expenses ", Interest ", Redemption Fund— Loan No. 3 Loan No. 5	d Technic ding Main tes, Insur on and Go	al Manatenance, ance, I	agement of Quar Pension I Expenses	ters, fund	8,810 7,468 4,371	1 16 11	4 5 4	137,269 159,517	6 6	3
"", General Expenses (inclustores Expenses, Ra Contributions, etc.) ", Head Office Administrati", Engineering Expenses  ", Interest ", Redemption Fund— Loan No. 3 Loan No. 5 ", Amount set aside to Re	d Technic ding Main tes, Insur on and Go	al Manatenance, ance, I	agement of Quar Pension F  Expenses 	ters, Cund	8,810 7,468 4,371	1 16 11	4 5 4	137,269 159,517 32,762 30,000	6 6 19 0	6 10
", General Expenses (inclustores Expenses, Ra Contributions, etc.) ", Head Office Administrative, Engineering Expenses ", Interest ", Redemption Fund— Loan No. 3 Loan No. 5	d Technic ding Main tes, Insur on and G	al Manatenance rance, I	agement of Quar Pension I Expenses	ters, fund	8,810 7,468 4,371	1 16 11	4 5 4	137,269 159,517 32,762 30,000 5,414	6 6 19 0 2	3 0 6
"", General Expenses (inclusive Stores Expenses, Rana Contributions, etc.) "", Head Office Administrative Engineering Expenses "", Interest "", Redemption Fund "" "", Redemption Fund "" "", Loan No. 3 "" "", Loan No. 5 "" ", Amount set aside to Re	d Technic ding Main tes, Insur on and G	al Manatenance rance, I	agement of Quar Pension I Expenses	ters, Cund	8,810 7,468 4,371	1 16 11	4 5 4	137,269 159,517 32,762 30,000	6 6 19 0 2	6 10 3 0
"", General Expenses (inclu Stores Expenses, Ra Contributions, etc.) ", Head Office Administrati", Engineering Expenses  ", Interest ", Redemption Fund— Loan No. 3 Loan No. 5 ", Amount set aside to Re	d Technic ding Main tes, Insur on and G	al Manatenance rance, I	agement of Quar Pension I Expenses	ters, Cund	8,810 7,468 4,371	1 16 11	4 5 4	137,269 159,517 32,762 30,000 5,414	6 6 19 0 2 15	300

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg,

29th March, 1935.

# Commission.

Account No. 6.

UNDERTAKING.

ended 31st December, 1934.

Cr.

By Sales of Electricity—							
Traction Supplies		 	 £298,553	11	3		
Bulk Supplies		 	 43,525	0	0		
Industrial Supplies		 	 14,679	1	4		
Domestic and Lighting	Supplies	 	 4,278	8	6		
					_	£361,036 1	7
, Other Revenue		 				3,927 14	(

£364,963 15 1

By Balance at 31st December, 1933, brought forward ... ,, Balance brought down ... ... ...

£4,477 0 3 5,414 2 6

£9,891 2 9

Referred to in our Report of 17th April, 1935.

B. HALSEY, ALEX. AIKEN & CARTER,

Auditors.

### WITBANK

### Revenue Account for the Year

m.	0	Gen	eration	of Electr	icity.						
10	Operation— Fuel					£70,494	7	10			
	Water, Oil, Waste and	Stores	•••	•••	•••	4,759	8				
	Salaries and Wages		•••	***	•••	22,225		7			
	Other Expenses	•••		•••	•••	1,343					
	Other Expenses	***	•••	•••	•••	1,010	1.4				
	Maintenance—										
,,	Stores					11,467	8	10			
	Salaries and Wages					11,860	6	4			
	Other Expenses					10,219	11	8			
		Diet	-ibution	of Elect	ricity	- 8		_	£132,370	3	11
	Operation and Maintenance		ripution	I OI Elect	tolly.						
,,	Operation and Maintenance Stores					1,189	1	6			
	Salaries and Wages	•••	•••	•••	•••	2,599		3			
	Other Expenses	•••	• • •		***	700		4			
	Other Expenses	•••	•••	•••	•••		-	- 1	4,489	4	1
			General	Expenses	s.				000000000		
,,	Local Administration and General Expenses (including	Technica	al Mana	gement of Quar	ters.	7,065	3	2			
"	Stores Expenses, Rate	s, Insur	ance,	Pension I	rund						
	Contributions, etc.)				•••	7,647	16	2			
,,	Administration, Engineering Operating Party (The Power Company, Limite	victoria	Falls	and Trans	s of vaal						
	Power Company, Limite	ed)			***	6,637					
,,	Head Office Administration	n and G	eneral .	Expenses	***	3,512					
,,	Engineering Expenses				•••	2,055	17	11	26,918	17	3
									163,778	5	3
	Interest								92,155		
,,	Redemption Fund—	***	•••	•••	•••				02,100	**	
"	T N- 1	±(				5,458	Q	11			
	Loan No. 3	•••		****	•••		18				
	Loan No. 4	•••	•••	***	•••	37,745	8				
	Loon No E	***	•••	•••	***	7,027		11			
	Loan No. 5	***	•••	•••	****	1,021	•	**	50,310	1	2
	Amount set aside to Rese	rve Fun	d	700001					22,000	0	0
,,	Balance carried down	110 1 1111		100000					1,785		4
,,	Durance curried down	***	•••	•••	•••					-	_
									£330,029	19	8
,,	Balance as per Balance Sh	ieet							£4,753	7	0
									£4,753	7	0
_									£4,753		7

### A. E. HARTE, C.A. (S.A.), Chief Accountant.

### Commission.

### UNDERTAKING.

ended	31st	December,	1934.
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By Sales of Electricity—									
Bulk Supplies	***	 •••	•••	£254,870	16	8			
Industrial Supplies		 		66,490	4	1			
Domestic and Lighting	Supplies	 		4,591	7	3			
						_	£325,952	8	0
" Other Revenue		 					4,077	11	8

				£330,029	19	8
By Balance at 31st ,, Balance brough	1933, 	brought	forward	 £2,967 1,785		
				£4,753	7	0

### **CAPETOWN**

70	
411 tr	

### Revenue Account for the Year

		Ge	neratio	n of Electi	icity.						
o	Proportion of Pooled Costs (As per attached Statem					£100,953	10	1			
,,	Operation and Maintenance Other Expenses	_				1,431	14	4			
	Other Expenses		•••	•••	•••	1,401	14	_	£102,385	4	
			stribulio	n of Elect	ricity.						
	Operation and Maintenance	_									
	Stores					1,892	5	3			
	Salaries and Wages		200	200		10,797	9	10			
	Other Expenses					4,938	3	5			
	other Impenses	•••	••••	•••	•••		_	_	17,627	18	
				al Expense	s.						
,,	Local Administration and T General Expenses (including Stores Expenses, Rates,	g Ma	intenan	ce of Quar	ters,	6,431	8	10			
	Contributions, etc.)	S. Service				7,805	3	6			
	Head Office Administration	and (	General	Expenses	•••	6,337	3	8			
,	Engineering Expenses	anu	General	Lapenses	• • • •						
,	Engineering Expenses	•••	•••	•••	***	3,709	4	1			
						24,283	0	1			
	Less—Charged to Pooled	Costs	3	244		2,164	1	0			
									00 110	10	
						-		-	22,118	19	
									_	-	
	Interest					06 997	9	9	$\frac{22,118}{142,132}$	-	
	Interest			***		96,827	2	3	_	-	
	Redemption Fund—			***		05/1			_	-	
	Redemption Fund— Loan No. 3					10,773	13	6	_	-	
	Redemption Fund— Loan No. 3 Loan No. 4					10,773 1,792	13 5	6 3	_	-	
,	Redemption Fund— Loan No. 3 Loan No. 4 Loan No. 5			•••		10,773 1,792 16,533	13 5 9	6 3 1	_	-	
,	Redemption Fund— Loan No. 3 Loan No. 4			:::		10,773 1,792	13 5	6 3	_	-	
,	Redemption Fund— Loan No. 3 Loan No. 4 Loan No. 5			::: :::	 	10,773 1,792 16,533 16,000	13 5 9 0	6 3 1 0	_	-	
,	Redemption Fund— Loan No. 3 Loan No. 4 Loan No. 5	 ve Fu	  and	::: :::	 	10,773 1,792 16,533	13 5 9 0	6 3 1 0	142,132	2	
,	Redemption Fund— Loan No. 3 Loan No. 4 Loan No. 5 Amount set aside to Reserve	 ve Fu	 ind		::: :::	10,773 1,792 16,533 16,000	13 5 9 0	6 3 1 0	114,715	2	
,	Redemption Fund— Loan No. 3 Loan No. 4 Loan No. 5 Amount set aside to Reserve	 ve Fu	  and		::: :::	10,773 1,792 16,533 16,000	13 5 9 0	6 3 1 0	142,132	2	
,	Redemption Fund— Loan No. 3 Loan No. 4 Loan No. 5 Amount set aside to Reserve	 ve Fu	 ind		:::	10,773 1,792 16,533 16,000	13 5 9 0	6 3 1 0	114,715	2 7 10	
,	Redemption Fund— Loan No. 3 Loan No. 4 Loan No. 5 Amount set aside to Reserve Less—Charged to Pooled Balance carried down	 Ve Fu Costs	 and 			10,773 1,792 16,533 16,000	13 5 9 0	6 3 1 0	114,715 6,533 £263,380	7 10 19	
,	Redemption Fund— Loan No. 3 Loan No. 4 Loan No. 5 Amount set aside to Reserve	 Ve Fu Costs	 and 		:::	10,773 1,792 16,533 16,000	13 5 9 0	6 3 1 0	114,715 6,533	7 10 19	
,	Redemption Fund— Loan No. 3 Loan No. 4 Loan No. 5 Amount set aside to Reserve Less—Charged to Pooled Balance carried down	 Ve Fu Costs	 and 			10,773 1,792 16,533 16,000	13 5 9 0	6 3 1 0	114,715 6,533 £263,380	7 10 19	

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg, 29th March, 1935.

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### UNDERTAKING.

ended 31st December, 1934.

Cr.

0100 2000								•••	
									=
y Sales of Electricity—									
Traction Supplies				£151,860	5	9			
Bulk Supplies		***	***	28,160	14	7			
Industrial Supplies	•••	***		60,217	6	9			
Domestic and Lighting Supplies				20,842	12	3			
						_	£261,080	19	
" Other Revenue				2,729	10	3			
Less-Credited to Pooled Costs		•••		429	10	3			
						_	2,300	0	
							£263 380	19	
							£263,380	19	
								_	
y Balance brought down								_	
y Balance brought down ,, Balance as per Balance Sheet							£263,380 £6,533 1,640	_	

Referred to in our Report of 17th April, 1935.

B. HALSEY, ALEX. AIKEN & CARTER,

Auditors.

£8,174 1 3

### SALT RIVER AND DOCK

Dr.

### Statement of Pooled Costs for the Year ended

	Expenditure by Electricity Supply Commission.	7	Expendi by Cit Capeto	у с	f	Pooled C	ost	s.
Pooled Generation of Electricity.								
To Operation and Maintenance—								
Fuel	£159,514 12	2	£33,364	4	7	£192,878	16	9
Water, Oil, Waste and Stores	8,019 3	0	2,455	1	2	10,474	4	2
Salaries and Wages	14,690 6	0	11,550	15	4	26,241	1	4
Other Expenses	11,681 8	3	1,406	1	2	13,087	9	5
,, General Expenses (including Stores Expenses, Rates, Insurance, Pen- sion Fund Contributions, etc.)	2,164 1	0	1,821	9	8	3,985	10	8
,, Interest	14,262 17	7		_	e	14,262	17	7
" Redemption Fund	11,375 1	10			x	11,375	1	10
,, Reserve Fund	1,573 3	4		-		1,573	3	4
	£223,280 13	2	£50,597	11	11	£273,878	5	1

Capetown,

29th March, 1935.

### and City of Capetown.

### ROAD POWER STATIONS.

31st December, 1934, and Allocation thereof.

Cr.

				i i		G			
By Allocation of Pooled Costs in terms  Electricity Supply Commission  City of Capetown		***	•••	£100,953 172,323					
	•••	***	***	172,323	19	_	£273,277	3	
,, Sundry Revenue-									
Electricity Supply Commission				429	10	3			
City of Capetown				171	11	2			
				l		_	601	1	
							£273,878	5	1000

GEO. H. SWINGLER,

Manager of the Pooled Stations.

Generation of Electricity.

General Expenses.

Expenses

...

...

...

Commission.

### UNDERTAKING.

ended 31st December, 1934.

Account No. 9.

B	y Sales of Electricit	ty—						
	Bulk Supplies	•••	***	***	•••	***	£211,781 10	6
,	, Other Revenue					•••	338 13	2
•	, Balance carried do	wn				•••	2,591 12	5

	2214,111 10 1

£6,548 8 6

Referred to in our Report of 17th April, 1935.

£6,548 8 6

A. E. HARTE, C.A. (S.A.), Chief Accountant.

Johannesburg, 29th March, 1935.

Ør.

To Operation-

Fuel

" Maintenance—

Stores

Water, Oil, Waste and Stores

,, Local Administration and Technical Management

,, Head Office Administration and General

" Amount set aside to Reserve Fund ...

"General Expenses (including Maintenance of Quarters, Stores Expenses, Rates, Insurance, Pension Fund

Salaries and Wages

Other Expenses ...

Salaries and Wages

Other Expenses ...

Contributions, etc.)

" Engineering Expenses

,, Redemption Fund-Loan No. 1

Loan No. 3

Loan No. 4

Loan No. 5

To Balance brought down

,, Balance as per Balance Sheet

.. Interest

B. HALSEY, Auditors. ALEX. AIKEN & CARTER,

£214 711 16 1 By Balance at 31st December, 1933, brought forward ...

16,596 6 9

£105,922 1 8

DURBAN

Electricity Supply

Revenue Account for the Year

£71,761 13 3

12,829 3 10

956 11 7

724 0 11

6.765 10 3

2,312 17 1

3,940 15 3

3,326 15 9

5,884 10 6

3,444 5 3

2,441 19 8

3,910 9 3

19,801 7 8

3,130 1 8

10,572 4 9

122,518 8 5 47,909 9 5

29,283 18 3 15,000 0 0

£214,711 16 1

£2,591 12 5 3,956 16 1

£6,548 8 6

### Commission.

### UNDERTAKING.

ended 31st December, 1934.

Cr.

Account No. 10.

By	Sales of Electricity-	_					
	Mining Supplies		•••	 •••	 £13,256	4	4
,,	Other Revenue			 	 19	5	0

							£13,275	9	-4
By	Balance Balance	at 31st brought	December, down	1933,	brought	forward	 £59 133		6
							£192	16	4

Referred to in our Report of 17th April, 1935.

B. HALSEY, Auditors. ALEX. AIKEN & CARTER,

# Electricity Supply

SABIE

Dr.

### Revenue Account for the Year

m				Gen	eration	of Electr	ricity.						
10	Operation—		Waste a	nd Stores				£29	10	3			
	Salaries			id Stores				1,800		3			
	Maintenanc		mages	•••	•••		•••	1,000					
"	Stores							382	1	7			
	Salaries		Wages	•••	•••	•••	•••	224	0	í			
	Other Ex		_			2000		158		0			
	Other E.	Apen							12	_	£2,594	19	2
			44500		ribution	of Elect	ricity.						
,,	Operation a	ind	Maintena	nce—				72725	1 13	221			
	Stores			•••	•••	•••	•••	32	3	2			
	Salaries			***	201	***	***	240	19	11			
	Other E:	xpen	ses		***	***	•••	137	1	9	410		10
					Genera	Expense	s.				410	4	10
527	Local Admi	nist	ration an					206	4	7			
	General Ex							200	ै	÷			
"				und Contr				231	0	2			
****		e, P	ension F	und Contr	ibution	s, etc.)		231 754	0 8	6			
,,	Insuranc	e, P	Pension F ministrat	und Contr	ibution	s, etc.)	•••	27.70	8	-			
,,	Insuranc Head Office	e, P	Pension F ministrat	und Contr	ibution	s, etc.)		754	8	6	1,633	4	9
,,	Insuranc Head Office	e, P	Pension F ministrat	und Contr	ibution	s, etc.)		754	8	6			-
,,	Insuranc Head Office Engineering	e, P Ad Ex	Pension F ministrat spenses	und Contr	ibution eneral 	s, etc.) Expenses 	 	754	8	6	4,638	8	9
,,	Insuranc Head Office	e, P	Pension F ministrat spenses	und Contr	ibution	s, etc.)		754	8	6		8	9
,,	Insuranc Head Office Engineering Interest	e, P	Pension F ministrat spenses	und Contr	ibution eneral 	s, etc.) Expenses 	 	754	8 11	6	4,638	8	9
,,	Insuranc Head Office Engineering Interest Redemption Loan No	Ex Fu	Pension F ministrat spenses	und Contr	ibution eneral 	s, etc.) Expenses 		754 441	8 11 17	6	4,638	8	9
,,	Insuranc Head Office Engineering Interest Redemption Loan No	Ex Fu	Pension F ministrat spenses nd—	und Contr	ibution eneral 	s, etc.) Expenses 		754 441 375	8 11 17 16	8	4,638 4,442	8 2	9
"	Insuranc Head Office Engineering Interest Redemption Loan No Loan No	E, Fu Fu 10. 4	Pension F ministrat spenses	und Contrion and Ge	ibution eneral 	s, etc.) Expenses		754 441 375 2,610	8 11 17 16	6 6 8 6	4,638 4,442 3,461	8 2	9 1
"	Insuranc Head Office Engineering  Interest Redemption Loan No Loan No Loan No	Fu Fu 0. 1	Pension F ministrat repenses  nd— ide to Re	und Contrion and Ge	ibution eneral 	s, etc.) Expenses		754 441 375 2,610	8 11 17 16	6 6 8 6	4,638 4,442 3,461 600	8 2 3 0	9 1 8 0
"	Insuranc Head Office Engineering Interest Redemption Loan No Loan No	Fu Fu 0. 1	Pension F ministrat repenses  nd— ide to Re	und Contrion and Ge	ibution eneral 	s, etc.) Expenses		754 441 375 2,610	8 11 17 16	6 6 8 6	4,638 4,442 3,461	8 2 3 0	9 1 8 0
"	Insuranc Head Office Engineering  Interest Redemption Loan No Loan No Loan No	Fu Fu 0. 1	Pension F ministrat repenses  nd— ide to Re	und Contrion and Ge	ibution eneral d	s, etc.) Expenses		754 441 375 2,610	8 11 17 16	6 6 8 6	4,638 4,442 3,461 600	8 2 3 0 14	9 1 8 0
"	Insuranc Head Office Engineering  Interest Redemption Loan No Loan No Loan No	Fu. 1 . 1 . 2 . 4 . 5 . 5	Pension F ministrat cpenses and—	und Contrion and Go	ibution eneral d	s, etc.) Expenses		754 441 375 2,610	8 11 17 16	6 6 8 6	4,638 4,442 3,461 600 133	8 2 3 0 14 9	9 1 8 0 10 4
"	Insuranc Head Office Engineering Interest Redemption Loan No Loan No Loan No Amount set Balance car	Fu. 1 . 1 . 2 . 4 . 5 . 5	Pension F ministrat cpenses and—	und Contrion and Go	ibution eneral d	s, etc.) Expenses		754 441 375 2,610	8 11 17 16	6 6 8 6	3,461 600 133 £13,275	3 0 14 9	9 1 8 0 10 4

A. E. HARTE, C.A. (S.A.), Chief Accountant.

### STATEMENT No. 1.

Summary of principal plant and equipment installed at the Commission's several Undertakings as at 31st December, 1934:—

### POWER STATIONS.

Colenso (N	atal Cent	ral Und	ertaking)	)	
Witbank					Steam
Congella (I	Durban U	ndertaki	ng)		- Steam
Salt River	(Capetow	n Under	taking)	J	
Sabie	•••				Hvdro

### BOILER PLANT.

Power Station.			No. of Boilers.	Normal Rating of each Boiler. Lbs. of steam per hour.	Total Rating of all Boilers. Lbs. of steam per hour.	Pressure. Lbs. per square inch.
Witbank	•••	•••	16	70,000	1,120,000	225
Colenso	• • •		10	60,000	600,000	270
Congella			$\left\{ \begin{array}{c} 6 \\ 2 \end{array} \right.$	$\left. \begin{array}{c} 60,000 \\ 100,000 \end{array} \right\}$	560,000	$   \left\{     \begin{array}{c}       270 \\       300   \end{array}   \right. $
Salt River			$\left\{ egin{array}{c} 4 \ 4 \end{array}  ight.$	60,000 100,000	640,000	$\left\{\begin{array}{c} 270 \\ 425 \end{array}\right.$
Totals			42		2,920,000	

### GENERATING PLANT.

			Rating of lenerator.		Rating of or House.	
Power Station.	No. of Generators.	Kilo- watts.	Kilovolt Amperes.	Kilo- watts.	Kilovolt Amperes.	Voltage of Generation
Witbank	 5	20,000	23,500	100,000	117,500	6,600
Colenso	 5	12,000	13,500	60,000	67,500	6,600
Congella	 $\left\{ egin{array}{c} 2 \ 3 \ 1 \end{array}  ight.$	6,000 12,000 20,000	$ \begin{array}{c} 7,500 \\ 15,000 \\ 25,000 \end{array} $	68,000	85,000	6,600
Salt River	 $\left\{ \begin{array}{c} 3 \\ 2 \end{array} \right.$	10,000 20,000	$11,000 \\ 25,000$	70,000	83,000	$\left\{\begin{array}{c} 12,000\\ 33,000 \end{array}\right.$
Sabie	 3	450	600	1,350	1,800	3,300
Totals	 24			299,350	354,800	

### TRANSMISSION LINES AND CABLES.

Totals		275	260.4	83.8	28.5	93-6	110-4	851.7
Sabie		_	-	7.2	_	$2 \cdot 2$		9.4
Capetown		_	$210 \cdot 1$	_	28.5	$39 \cdot 1$	$75 \cdot 3$	353.0
Witbank		_	_	76.6	_	8.1	16.5	101.2
Natal Centr	al	275	50.3	-	_	44.2	18.6	388.1
Undertak	ting.	88,000 volts. Route Miles.	33,000 volts. Route Miles.	21,000 volts. Route Miles.	12,000, 11,000 volts. Route Miles.	6,600, 3,3 2,200 volts. Route Miles.	380/220 volts. Route Miles.	Total Route Miles.

### TRANSFORMERS.

(Step-up	and	Step-down.)	)
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Undertak	ring.					Capacity. Kilovolt Amperes.
Natal Cent	tral			•••		141,750
Witbank						175,361
Capetown						68,512
Durban		•••	•••	•••		6,770
Sabie	•••				•••	3,115
Total						395,508

### CONVERTING SUB-STATIONS.

Type.			No. of Sub-stations.	No. of Sets.	Rating Kilowatts.
Matau Camanatana			( 1	1	150
Motor Generators	•••	•••	(13	23	46,000
Rotary Converters			6	12	24,000
Totals			20	36	70,150

### STAFF QUARTERS.

			Wood and Iron Buildings.	Total.
Married Staff Quarters		 95	18	113
Single Staff Quarters	•••	 9	1	10
Totals	•••	 104	19	123

### STATEMENT No. 1.

Summary of principal plant and equipment installed at the Commission's several Undertakings as at 31st December, 1934:—

### POWER STATIONS.

Colenso (N	atal Cent	ral Und	ertaking)	)	
Witbank					Steam
Congella (I	Durban U	ndertaki	ng)		- Steam
Salt River	(Capetow	n Under	taking)	J	
Sabie	•••				Hvdro

### BOILER PLANT.

Power Station.			No. of Boilers.	Normal Rating of each Boiler. Lbs. of steam per hour.	Total Rating of all Boilers. Lbs. of steam per hour.	Pressure. Lbs. per square inch.
Witbank	•••	•••	16	70,000	1,120,000	225
Colenso	• • •		10	60,000	600,000	270
Congella			$\left\{ \begin{array}{c} 6 \\ 2 \end{array} \right.$	$\left. \begin{array}{c} 60,000 \\ 100,000 \end{array} \right\}$	560,000	$   \left\{     \begin{array}{c}       270 \\       300   \end{array}   \right. $
Salt River			$\left\{ egin{array}{c} 4 \ 4 \end{array}  ight.$	60,000 100,000	640,000	$\left\{\begin{array}{c} 270 \\ 425 \end{array}\right.$
Totals			42		2,920,000	

### GENERATING PLANT.

				Rating of lenerator.		Rating of or House.	
Power Station.		No. of Generators.	Kilo- watts.	Kilovolt Amperes.	Kilo- watts.	Kilovolt Amperes.	Voltage of Generation
Witbank		5	20,000	23,500	100,000	117,500	6,600
Colenso		5	12,000	13,500	60,000	67,500	6,600
Congella		$\left\{ egin{array}{c} 2 \ 3 \ 1 \end{array}  ight.$	6,000 12,000 20,000	$ \begin{array}{c} 7,500 \\ 15,000 \\ 25,000 \end{array} $	68,000	85,000	6,600
Salt River		$\left\{ \begin{array}{c} 3 \\ 2 \end{array} \right.$	10,000 20,000	$11,000 \\ 25,000$	70,000	83,000	$\left\{\begin{array}{c} 12,000\\ 33,000 \end{array}\right.$
Sabie		3	450	600	1,350	1,800	3,300
Totals		24			299,350	354,800	

### TRANSMISSION LINES AND CABLES.

Totals		275	260.4	83.8	28.5	93-6	110-4	851.7
Sabie		_	-	7.2	_	$2 \cdot 2$		9.4
Capetown		_	$210 \cdot 1$	_	28.5	$39 \cdot 1$	$75 \cdot 3$	353.0
Witbank		_	_	76.6	_	8.1	16.5	101.2
Natal Centr	al	275	50.3	-	_	44.2	18.6	388.1
Undertak	ting.	88,000 volts. Route Miles.	33,000 volts. Route Miles.	21,000 volts. Route Miles.	12,000, 11,000 volts. Route Miles.	6,600, 3,3 2,200 volts. Route Miles.	380/220 volts. Route Miles.	Total Route Miles.

### TRANSFORMERS.

(Step-up	and	Step-down.)	)
----------	-----	-------------	---

Undertal	king.				Capacity. Kilovolt Amperes.
Natal Cent	tral			•••	 141,750
Witbank			• • • •		 175,361
Capetown					 68,512
Durban		•••	•••	•••	 6,770
Sabie	•••	•••	•••	•••	 3,115
Total		•••			 395,508

### CONVERTING SUB-STATIONS.

Type.			No. of Sub-stations.	No. of Sets.	Rating Kilowatts.
Motor Generators			( 1	1	150
Motor Generators	•••	•••	<b>\ 13</b>	23	46,000
Rotary Converters			6	12	24,000
Totals			20	36	70,150

### STAFF QUARTERS.

			Wood and Iron Buildings.	Total.
Married Staff Quarters		 95	18	113
Single Staff Quarters	•••	 9	1	10
Totals	•••	 104	19	123

### STATEMENT No. 2.

Summary of principal plant and equipment in course of installation or on order as at 31st December, 1934:—

### BOILER PLANT.

Capacity	in	lbs.	of	steam	per	hour
	(n	orma	1 7	ating).		

No. of Bo	ilers.	Each.		Total.	<b>.</b>	Pressure, lbs. sq. inch.
4		70,000	***	280,000		225
8		180,000	•••	1,440,000		350
Totals 12				1,720,000		

### GENERATING PLANT.

No. of Sets.			Capacity eac Kilowatts.		Total Capacity, Kilowatts.
	1		20,000	•••	20,000
	4		33,000		132,000
	1	• • •	7,000 (	House Set)	7,000
Totals	6		60,000		159,000

### TRANSMISSION LINE AND CABLES.

	Rou	88,000 Volts. ite Miles.	21,000 Volts. Route Miles,	11,000 Volts. Route Miles.	380/220 Volts. Route Miles.	Totals.
Overhead Lines	•••	127	18	17.2	5	167-2

### TRANSFORMERS

(Step-up and Step-down).

Kilovolt Amperes.

Total capacity in course of installation or on order .

14,860

### CONVERTING SUBSTATIONS.

	No. of		Rating.
Type.	Substations	No. of Sets.	Kilovolt Amperes.
Mercury Arc Rectifiers	 3	 6	 9,000

## STATEMENT SHOWING THE PRICE OR RENT OF LAND OR RIGHTS OR INTERESTS IN OR OVER LAND OR OTHER PROPERTY ACQUIRED OR HIRED BY THE COMMISSION DURING THE YEAR 1934.

(See previous Annual Reports for Rights or Interests in or over Land acquired prior to 1934.)

Area. res. Roods. Perches.	Farm or Lot.	District.	Title.	Purchase Price or Rental.	Acquired From.	Purpose for Which Require
			NATAL CENTRAL UNDERT	AKING.		
	Subdivision B of Cornwall 8420	Klip River	Servitude of Right-of-Way in Perpetuity		Durban Navigation Collieries, Ltd.	Power Conductors
	Lot 6 of Uitkomst and Doornrug	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	£12 3 10	W. Mercer	Power Conductors
	Lot 30a of Vaalkop Kingthorpe of Dadelfontein	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	9 0 4	A. W. Fuller	Power Conductors
	Remainder of Albinia and Clifton	Durban	Servitude of Right-of-Way in Perpetuity	15 19 1	C. H. Gillitt	Power Conductors
	Ethelvale of Vaalkop and Dadelfontein	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	8 11 0	J. W. Thrash	Power Conductors
	Melbourne of Vaalkop and Dadelfontein, and Zandfontein	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	14 17 6	C. E. H. Thrash	Power Conductors
	Lot 44 of Town Lands	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	2 5 0	Magwanyane	Power Conductors
	Subdivision B of Uitvlugt	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	1 0 0	A. F. Allerston	Power Conductors
	Subdivision of Sandspruit and Sterkspruit	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	19 10 10	G. E. Stuart	Power Conductors
	Assagay Kraal	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	16 0 9	Bothas Hill Estates	Power Conductors
	Subdivision H of Lot 44 Town Lands	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	2 5 0	E. Moorhead	Power Conductors
	Lot 2 of Uitkomst and Doornrug	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	6 1 0	A. Melville	Power Conductors
	Subdivisions of Lamonts Vale	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	13 4 2	F. Lester	Power Conductors
	Lots 12 and 13 of Uitkomst and Doornrug	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	6 19 3	C. McLean	Power Conductors
	Lots F and A of Lamonts Vale	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	11 5 6	H. Woods	Power Conductors
			WITBANK UNDERTAKIN	G.		
	Portion of Kromdraai No. 30	Witbank	Servitude of Right-of-Way in Perpetuity	£10 0 0	P. Dickson	Power Conductors
	Portion of Uitspan No. 15	Witbank	Servitude of Right-of-Way in Perpetuity	20 0 0	W. E. Chrimes	Power Conductors
	Portion of Blaauw- krantz No. 62	Witbank	Servitude of Right-of-Way in Perpetuity	5 0 0	P. J. de Wet	Power Conductors
	Remaining portion of Kromdraai No. 30	Witbank	Servitude of Right-of-Way in Perpetuity	35 0 0	H. J. Bekker	Power Conductors
	Elandspruit No. 507	Middelburg	Servitude of Right-of-Way in Perpetuity	15 0 0	I. M. Prinsloo	Power Conductors
	Portion B of Elandspruit No. 507	Middelburg	Servitude of Right-of-Way in Perpetuity	28 0 0	M. M. Prinsloo	Power Conductors
	Portion 5 of Elandspruit No. 507	Middelburg	Servitude of Right-of-Way in Perpetuity	18 0 0	A. G. Joubert	Power Conductors
			CAPETOWN UNDERTAKE	₹G.		
	Groot Drakenstein	Stellenbosch	Servitude of Right-of-Way in Perpetuity	_	E. D. Micklem G. J. R. Frames	Power Conductors
	Portions of Banghoek	Stellenbosch	Servitude of Right-of-Way in Perpetuity	£10 0 0	C. Roode	Power Conductors
	Bakenfontein	Malmesbury	Servitude of Right-of-Way in Perpetuity	50 0 0	Estate of late S. A. Walters	Power Conductors
Sq. Sq. en. Roods. Feet.			HEAD OFFICE.			
en. Roods. Feet. 138 128	Stands 249, 250, 252, 254, 257 and 258 Marshalls Township	Johannesburg	Freehold	£57,500	Unity Buildings Proprietary, Ltd.	New Premises

### STATEMENT No. 2.

Summary of principal plant and equipment in course of installation or on order as at 31st December, 1934:—

### BOILER PLANT.

Capacity	in	lbs.	of	steam	per	hour
	(n	orma	1 7	ating).		

No. of Bo	ilers.	Each.		Total.	<b>.</b>	Pressure, lbs. sq. inch.
4		70,000	***	280,000		225
8		180,000	•••	1,440,000		350
Totals 12				1,720,000		

### GENERATING PLANT.

No. of Sets.			Capacity eac Kilowatts.		Total Capacity, Kilowatts.
	1		20,000		20,000
	4		33,000		132,000
	1	• • •	7,000 (	House Set)	7,000
Totals	6		60,000		159,000

### TRANSMISSION LINE AND CABLES.

	Rou	88,000 Volts. ite Miles.	21,000 Volts. Route Miles,	11,000 Volts. Route Miles.	380/220 Volts. Route Miles.	Totals.
Overhead Lines	•••	127	18	17.2	5	167-2

### TRANSFORMERS

(Step-up and Step-down).

Kilovolt Amperes.

Total capacity in course of installation or on order .

14,860

### CONVERTING SUBSTATIONS.

	No. of		Rating.
Type.	Substations	No. of Sets.	Kilovolt Amperes.
Mercury Arc Rectifiers	 3	 6	 9,000

## STATEMENT SHOWING THE PRICE OR RENT OF LAND OR RIGHTS OR INTERESTS IN OR OVER LAND OR OTHER PROPERTY ACQUIRED OR HIRED BY THE COMMISSION DURING THE YEAR 1934.

(See previous Annual Reports for Rights or Interests in or over Land acquired prior to 1934.)

Area. res. Roods. Perches.	Farm or Lot.	District.	Title.	Purchase Price or Rental.	Acquired From.	Purpose for Which Require
			NATAL CENTRAL UNDERT	AKING.		
	Subdivision B of Cornwall 8420	Klip River	Servitude of Right-of-Way in Perpetuity		Durban Navigation Collieries, Ltd.	Power Conductors
	Lot 6 of Uitkomst and Doornrug	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	£12 3 10	W. Mercer	Power Conductors
	Lot 30a of Vaalkop Kingthorpe of Dadelfontein	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	9 0 4	A. W. Fuller	Power Conductors
	Remainder of Albinia and Clifton	Durban	Servitude of Right-of-Way in Perpetuity	15 19 1	C. H. Gillitt	Power Conductors
	Ethelvale of Vaalkop and Dadelfontein	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	8 11 0	J. W. Thrash	Power Conductors
	Melbourne of Vaalkop and Dadelfontein, and Zandfontein	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	14 17 6	C. E. H. Thrash	Power Conductors
	Lot 44 of Town Lands	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	2 5 0	Magwanyane	Power Conductors
	Subdivision B of Uitvlugt	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	1 0 0	A. F. Allerston	Power Conductors
	Subdivision of Sandspruit and Sterkspruit	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	19 10 10	G. E. Stuart	Power Conductors
	Assagay Kraal	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	16 0 9	Bothas Hill Estates	Power Conductors
	Subdivision H of Lot 44 Town Lands	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	2 5 0	E. Moorhead	Power Conductors
	Lot 2 of Uitkomst and Doornrug	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	6 1 0	A. Melville	Power Conductors
	Subdivisions of Lamonts Vale	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	13 4 2	F. Lester	Power Conductors
	Lots 12 and 13 of Uitkomst and Doornrug	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	6 19 3	C. McLean	Power Conductors
	Lots F and A of Lamonts Vale	Pietermaritzburg	Servitude of Right-of-Way in Perpetuity	11 5 6	H. Woods	Power Conductors
			WITBANK UNDERTAKIN	G.		
	Portion of Kromdraai No. 30	Witbank	Servitude of Right-of-Way in Perpetuity	£10 0 0	P. Dickson	Power Conductors
	Portion of Uitspan No. 15	Witbank	Servitude of Right-of-Way in Perpetuity	20 0 0	W. E. Chrimes	Power Conductors
	Portion of Blaauw- krantz No. 62	Witbank	Servitude of Right-of-Way in Perpetuity	5 0 0	P. J. de Wet	Power Conductors
	Remaining portion of Kromdraai No. 30	Witbank	Servitude of Right-of-Way in Perpetuity	35 0 0	H. J. Bekker	Power Conductors
	Elandspruit No. 507	Middelburg	Servitude of Right-of-Way in Perpetuity	15 0 0	I. M. Prinsloo	Power Conductors
	Portion B of Elandspruit No. 507	Middelburg	Servitude of Right-of-Way in Perpetuity	28 0 0	M. M. Prinsloo	Power Conductors
	Portion 5 of Elandspruit No. 507	Middelburg	Servitude of Right-of-Way in Perpetuity	18 0 0	A. G. Joubert	Power Conductors
			CAPETOWN UNDERTAKE	₹G.		
	Groot Drakenstein	Stellenbosch	Servitude of Right-of-Way in Perpetuity	_	E. D. Micklem G. J. R. Frames	Power Conductors
	Portions of Banghoek	Stellenbosch	Servitude of Right-of-Way in Perpetuity	£10 0 0	C. Roode	Power Conductors
	Bakenfontein	Malmesbury	Servitude of Right-of-Way in Perpetuity	50 0 0	Estate of late S. A. Walters	Power Conductors
Sq. Sq. en. Roods. Feet.			HEAD OFFICE.			
en. Roods. Feet. 138 128	Stands 249, 250, 252, 254, 257 and 258 Marshalls Township	Johannesburg	Freehold	£57,500	Unity Buildings Proprietary, Ltd.	New Premises

#### MUNICIPAL ELECTRICITY SUPPLY SCHEMES.

Up to 31st December, 1934, 266 Municipal electricity supply schemes had been reported on by the Commission, and supplementary reports upon tenders had been submitted in respect of 122 schemes.

During the year 1934 the following schemes were reported upon by the Commission, viz.:—

New Schemes. Exte

Extension Schemes.

Tenders.

CAPE.

Laingsburg Piquetberg George Upington Victoria West Villiersdorp Worcester Barkly East Oudtshoorn Victoria West Villiersdorp Worcester

TRANSVAAL.

Amsterdam Greymont Bloemhof Ermelo

Wolmaransstad

Johannesburg Krugersdorp Lichtenburg

Roodepoort-Maraisburg

O.F.S.

Kroonstad

NATAL.

Harding

Paulpietersburg

SOUTH-WEST AFRICA.

Windhoek

Of the total of 266 Municipal electricity supply schemes reported upon by the Commission up to the end of the year 1934, 110 were new schemes.

### STATEMENT No. 1.

Units sold to all consumers during the past nine years.

Year.		Natal Central Undertaking.	Witbank Undertaking.	Capetown Undertaking.	Durban Undertaking.	Sabie Undertaking.	Total.
to the leave of		Olider baking.			onder tuning.	e 20019 tectra i e esta	
1926	****	719,666	160,031,213	280,242	_	727,401	161,758,522
1927		104,206,235	439,061,722	5,811,836	<del></del>	1,938,940	551,018,733
1928		114,213,037	464,267,213	31,038,697	15,563,460	2,829,888	627,912,295
1929		123,911,774	543,091,138	47,945,690	78,873,576	3,176,173	796,998,351
1930		117,075,484	618,951,364	49,772,016	99,228,000	4,585,060	889,611,924
1931		101,131,880	603,359,113	52,109,958	103,899,765	6,585,553	867,086,269
1932		100,292,933	610,285,123	64,268,873	109,808,223	6,080,010	890,735,162
1933		109,186,538	639,368,114	100,685,629	118,538,312	6,349,651	974,128,244
1934	•••	124,898,129	648,245,530	73,583,974	131,104,182	7,329,679	985,161,494

### STATEMENT No. 2.

The distribution of the units sold during 1934 as between the various classes of consumers.

Undertakin	g.	Traction.	Bulk.	Industrial and Mining.	Domestic and Lighting.	Total.
Natal Centr	al .	. 101,824,630	18,628,836	3,826,523	618,140	124,898,129
Witbank		. –	591,477,458	55,934,654	833,418	648,245,530
Capetown		. 44,560,818	8,661,702	18,810,321	1,551,133	73,583,974
Durban		. "-	131,104,182		_	131,104,182
a 1 .			_	7,329,679		7,329,679
Totals		. 146,385,448	749,872,178	85,901,177	3,002,691	985,161,494

### STATEMENT No. 3.

Statistics relating to the Commission's Undertakings for the year 1934.

### TABLE No. 1.

Power Station Statistics.

					н	Maximum alf-hourly Dema	nd	Load Factor on Units
Power Station			Units Generated.		Kilowatts		Sent Out.	
						(Sent Out).		%
Colenso			0000	140,414,690		30,580		% 49·2
Witbank	•••			690,259,413		95,686		77.4
Salt Riv	er			192,344,729		38,580		54.3
Congella			•••	140,693,240		34,733		43.1
Sabie				7,680,400	• • • •	1,200		72.2

### STATEMENT No. 1.

Units sold to all consumers during the past nine years.

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to the leave of		Olider baking.			onder tuning.	e 20019 tectra i e esta	
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1928		114,213,037	464,267,213	31,038,697	15,563,460	2,829,888	627,912,295
1929		123,911,774	543,091,138	47,945,690	78,873,576	3,176,173	796,998,351
1930		117,075,484	618,951,364	49,772,016	99,228,000	4,585,060	889,611,924
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1934	•••	124,898,129	648,245,530	73,583,974	131,104,182	7,329,679	985,161,494

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Undertakin	g.	Traction.	Bulk.	Industrial and Mining.	Domestic and Lighting.	Total.
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						(Sent Out).		%
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Witbank	•••			690,259,413		95,686		77.4
Salt Riv	er			192,344,729		38,580		54.3
Congella			•••	140,693,240		34,733		43.1
Sabie				7,680,400	• • • •	1,200		72.2

TABLE No. 2.

Particulars of coal used at the Commission's Steam-raising Power Stations.

				COAL CONSUMED.			B.T.U	J.'s.	Thermal
Pow	er Statio	n.		Tons. (2,000 lbs.)	Per Unit Gener- ated. Lbs.	Per Unit Sent Out. Lbs.	Average per lb. of Coal.	Average per Unit Sent Out.	Efficiency on Units Sent Out.
Colenso				104,006	1.48	1.58	12,440	19,600	17.4%
Witbank	•••		•••	615,907	1.79	1.90	11,040	20,980	16.3%
Salt River		•••	•••	125,041	1.30	1.37	13,200	18,100	18.9%
Congella		•••		93,717	1.33	1.43	12,570	17,980	19.0%
	Colenso Witban Salt Ri Congell	k iver		1934. 10/9 2/3 25/6 15/4	Average C 1933. 10/7 2/4 25/4 15/6	Cost per Ton 1932. 9/10 2/4 24/11 15/4	(2,000 lbs.) 1931. 8/3 2/2 23/4 14/2	1930. 8/- 2/2 23/5 13/2	

### TABLE No. 3.

### Particulars of Staff employed.

The staff employed by the Commission as at 31st December, 1934, as compared with the previous year was as follows:—

Europeans Non-Europeans		 1934. 422 284	 1933. 405 273		Difference. +17 +11
Totals	•••	 706	 678	•••	+ 28

TABLE No. 2.

Particulars of coal used at the Commission's Steam-raising Power Stations.

				COAL CONSUMED.			B.T.1	U.'s.	Thermal	
Pow	er Station	ı.		Tons. (2,000 lbs.)	Per Unit Gener- ated. Lbs.	Per Unit Sent Out. Lbs.	Average per lb. of Coal.	Average per Unit Sent Out.	Efficiency on Units Sent Out.	
Colenso				104,006	1.48	1.58	12,440	19,600	17.4%	
Witbank			•••	615,907	1.79	1.90	11,040	20,980	16.3%	
Salt River				125,041	1.30	1.37	13,200	18,100	18.9%	
Congella	•••			93,717	1.33	1.43	12,570	17,980	19.0%	
	Colenso Witbani Salt Ri Congella	k ver		1934. 10/9 2/3 25/6 15/4	Average Co 1933. 10/7 2/4 25/4 15/6	per Ton 1932. 9/10 2/4 24/11 15/4	(2,000 lbs.) 1931. 8/3 2/2 23/4 14/2	1930. 8/- 2/2 23/5 13/2		

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### Particulars of Staff employed.

The staff employed by the Commission as at 31st December, 1934, as compared with the previous year was as follows:—

		1934.		1933.		Difference.
Europeans	 	422		405	• • •	+17
Non-Europeans	 	284		273	•••	+11
Totals	 •••	706	•••	678	• • •	+28
				===		