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PUNJAB PUBLIC WORKS DEPARTMENT
ELECTRICITY BRANCH

ADMINISTRATION REPORT

FOR THE YEAR

1944-45



EXPLANATORY MEMORANDUM AND REVIEW OF THE STATISTICS OF THE BRANCH

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PUNJAB PUBLIC WORKS DEPARTMENT, ELECTRICITY BRANCH

ADMINISTRATION REPORT FOR THE YEAR 1944-45

Explanatory Memorandum and Review of the Statistics of the Branch

THE year under report is the twelfth year of commercial operation of the Uhl River Hydro Electric Scheme. During the year there has been continued steady progress and improvement in almost all directions.

2. The position of the various activities of the Branch is exhibited in the charts and statements enclosed as appendices and the following explanatory notes are made on each of them:—

(i) *Progress Chart*—The figures of capital outlay, working expenses, revenue assessed, number of consumers connected, units generated, units sold, connected load and maximum demand relating to the Uhl River Scheme have been shown in this chart since the start of operation to the end of the year 1944-55. It will be seen that there has been steady progress from year to year. The working expenses have increased by Rs. 4,23,000 (Rs. 26,35,581—Rs. 22,12,581) whereas the revenue assessed has increased by Rs. 9,44,466 (Rs. 60,35,970—Rs. 50,91,504). Due to the restrictions imposed by the Punjab Electric Power Control Board and the shortage of primary power there has not been a large increase in the number of consumers, viz., 1,103. The connected load has however increased by 6232 kw. The units generated and sold have increased by 14.29 and 11.98 millions respectively. There has been a further increase of 3400 kw. in the maximum demand thus touching the figure of 25.200kw.

APPENDIX ' A '

(ii) *Graph of units generated at Shanan and transmitted to the Grid during 1943-44*—The total number of units generated during the year is 125,530,190 as compared with 111,244,370 during the previous year and the number of units passed on to Grid is 124,083,305 against 109,792,725 during the previous year.

APPENDIX ' B '

(iii) *Commercial Accounts of the Branch*—The Commercial Accounts for the year 1944-45 is the 8th set of accounts prepared by the Branch. Copies of the Capital Account, Revenue Account, Net Revenue Account and the Balance Sheet for the Branch as a whole for the year 1944-45 are attached as Appendix ' B '. The figures of capital cost up to 31st March 1945, working expenses and gross revenue for the year 1944-45 relating to " P—Production ", " T—Transmission ", " B—Bulk Supply Schemes " and " D—Distribution " have been summarized in the following table:—

Name of Scheme	Capital Expenditure to end of March 1945	WORKING EXPENSES DURING 1944-45				Total	Gross Revenue assessed during 1944-45 as per Commercial Accounts
		Maintenance including Tools and Plant Estimate and Audit and Accounts Charges	Depreciation	Interest charges	Total		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Production	3,02,78,685	2,81,393	4,70,820	11,97,930	19,50,143	7,240	
Transmission	2,67,00,059	5,27,251	4,14,480	11,31,349	20,73,080	1,10,826	
Bulk Supply Schemes	10,74,324	13,993	17,470	37,677	69,140	13,46,424	
Distribution	1,31,98,930	6,71,608	2,16,480	5,09,583	13,97,671	46,47,155	
Total Uhl River Hydro-Electric Scheme.	7,12,51,998	14,94,245	11,19,250	28,76,539	54,90,034	61,11,645	
Renala Subsidiary Scheme	10,73,159	61,053	--	45,504	1,06,557	2,81,640	
GRAND TOTAL	7,23,25,157	15,55,298	11,19,250	29,22,043	55,96,591	63,93,285	

APPENDIX 'C'

(iv) The following table gives the generation costs per unit generated and per unit delivered to 132 kv. Grid overall costs per unit generated and sold during the years 1942-43, 1943-44 and, 1944-45 :—

Item No.	Particulars	1944-45	1943-44	1942-43
I	Units generated ..	125,530,190	111,244,370	97,599,410
II	Units delivered to 132kv. Grid.	124,083,305	109,792,725	96,147,479
III	Units sold—			
	(a) Bulk Supplies ..	40,716,816	34,997,827	33,010,189
	(b) Local Distribution Systems.	60,658,062	54,401,370	44,678,773
	(c) Total (a+b) ..	101,374,878	89,399,197	77,688,962
IV	Generation costs—	Rs.	Rs.	Rs.
	(a) Working Expenses (including Local Establishment and Share of Direct Establishment.)	2,74,838	1,93,465	1,81,837
	(b) Depreciation ..	4,70,820	4,56,570	4,43,861
	(c) Interest ..	11,97,930	11,97,339	11,96,584
	(d) Total ..	19,43,588	18,47,374	18,22,282
V	Overall costs—			
	(a) Working Expenses (including <i>pro rata</i> Share of Establishment and Audit and Accounts Charges).	15,16,331	11,28,881	14,27,211
	(b) Depreciation ..	11,19,250	10,83,700	10,74,870
	(c) Interest ..	28,76,262	28,43,391	28,08,045
	(d) Total ..	55,11,843	50,55,972	53,10,126
VI	Gross Revenue assessed—			
	(a) Bulk Supply Schemes ..	12,90,695	10,15,934	9,99,902
	(b) Local Distribution Systems	46,69,063	39,85,884	32,60,861
	(c) Production and Transmission	76,212	89,686	51,502
	(d) Total ..	60,35,970	50,91,504	43,12,265
VII	Cost of generation per unit generated—	Pies	Pies	Pies
	(a) Excluding Depreciation Item IV (a)+IV(c) Item I	2.253	2.400	2.712
	(b) Including Depreciation Item IV (d) Item I	2.973	3.188	3.585

Item No.	Particulars	1944-45	1943-44	1942-43
VIII	Generation cost per unit delivered to 132 kv. Grid—	Pies.	Pies.	Pies
	(a) Excluding Depreciation Item IV (a)+IV (c) <u>Item 2</u>	2.280	2.432	2.753
	(b) Including Depreciation Item IV (d) <u>Item 2</u>	3.008	3.231	3.639
IX	Overall cost per unit generated—			
	(a) Excluding Depreciation Item V (a)+V (c) <u>Item I</u>	6.710	6.856	8.332
	(b) Including Depreciation Item V (d) <u>Item I</u>	8.43	8.726	10.45
X	Overall cost per unit sold—			
	(a) Excluding Depreciation Item V (a)+V (c) <u>Item III (c)</u>	8.32	8.531	10.47
	(b) Including Depreciation Item V (d) <u>Item III (c)</u>	10.44	10.86	13.12
XI	Average Return of Gross Revenue per unit generated—			
	<u>Item VI (d)</u> Item I	9.23	8.79	8.48
XII	Average return of gross Revenue per unit sold—			
	<u>Item VI (d)</u> Item III (c)	11.43	10.93	10.66
XIII	Surplus (+) or deficit (–) per unit generated—			
	(a) Before meeting Depreciation—Item XI—IX (a)	+2.52	+1.934	+0.148
	(b) After meeting Depreciation—Item XI—IX (b)	+0.80	+0.64	–1.97
XIV	Surplus (+) or deficit (–) per unit sold—			
	(a) Before meeting Depreciation—Item XI—IX (a)	+3.11	+2.399	+1.19
	(b) After meeting Depreciation—Item XII—X (b)	+0.99	+0.76	–2.46

It will be seen from the above table that —

(a) Units generated and sold are increasing from year to year (item I and III (c)). The percentage increase in the number of units generated and sold during the year 1944-45 over the year 1943-44 is 12.84 and 13.38 respectively.

(b) The number of units sold to Bulk Supply Scheme/Local Distribution schemes during the year 1944-45 shows an increase of 16.34/11.50 per cent over the previous year (item III (a) and III (b)). The percentage increase in the case of Bulk Supply Scheme during the year 1943-44 over the year 1942-43 was 6.02.

(c) The generation cost (item IV (d)) has increased by Rs. 96,214 (Rs. 19,43,588—Rs. 18,47,374) but the generation cost per unit generated (item VII (b)) has decreased by .215 (3.188—2.973) pies per unit on account of increase in the number of units generated.

(d) There is an increase of Rs. 4,55,871 (Rs. 55,11,843—Rs. 50,55,972) in the overall cost (item V (a)). This increase in the expenses is more than counter balanced by the increase of Rs. 9,44,465 (item VI (d)) in the gross revenue.

(e) The overall costs per unit $\frac{\text{generated (item IX (b))}}{\text{sold (item X (b))}}$ has fallen from

$\frac{8.726}{10.86}$ pies for the year 1943-44 to $\frac{8.43}{10.44}$.

(f) The average return of gross revenue assessed per unit generated/sold $\frac{\text{Item XI}}{\text{Item XII}}$ has increased from $\frac{8.79}{10.93}$ to $\frac{9.23}{11.43}$ pies per unit.

(g) The net surplus per unit sold has further increased from .076 pies during 1943-44 to .99 pies.

APPENDIX 'E'

(v) *Commercial Statistics of Local Distribution Schemes*—The average revenue obtained per unit sold for General/Industrial/Public Lights/Bulk/Overall during the year 1944-45 is 45.03/11.21/24.34/14.0/13.93 pies against 43.30/10.59/26.96/13.82/13.18 during 1943-44. The units sold per annum per kw. connected has increased as compared with the previous year.

APPENDIX 'F'

(vi) Analysis of units sold and revenue assessed from the Local Distribution Schemes shows the following results:—

Item No.	Particulars	1944-45	1943-44	1942-43
1	Percentage of units sold in Local Distribution Scheme to total units sold.	59.77	60.85	57.51
2	Percentage of units sold to special consumers to total units sold.	40.23	39.15	42.49
3	Percentage of Revenue from Local Distribution Schemes to total Revenue.	78.34	79.69	76.54
4	Percentage of Revenue from special consumers to total Revenue.	21.66	20.31	23.46
5	Average return of Revenue per unit sold from Local Distribution Scheme.	Pies 14.78	Pies 14.05	Pies 14.02
6	Average return of Revenue per unit sold to special consumers.	6.09	5.54	5.82
7	Overall return of revenue per unit sold (pies.).	11.29	10.75	10.54

APPENDIX 'G'

(vii) *Statement showing analysis of energy sold to industrial consumers during 1944-45*—It will be seen from the statement that in the case of spinning and weaving (cotton and silk) item 7—(i) the number of units sold per annum per kw. connected, (ii) average load factor per annum and (iii) Revenue per kw. connected per annum are the highest, viz., 3,349, 38.23 per cent and Rs. 118 respectively. The return of 6.8 pies per unit is the smallest on account of the fact that the major portion of energy under this head is sold to the Delhi Cloth Mill, Lyallpur, at special low rates. In the case of Iron and the Steel Rolling Mills item (ii) even though (i) the number of units sold per kw. connected and (ii) average load factor per annum are below the average figures the return per unit, viz., 8.8 pies is very low. This is due to the fact that the Steel and General Mills Company, Ltd., which does not work at a very high load factor is being supplied energy at low rates. The average return per unit sold has increased from 10.6 pies per unit during 1943-44 to 11.2 pies per unit during 1944-45.

APPENDIX ' H '

(viii) The statement showing the revenue assessed during the first half-year (April to September) and the second half-year (October to March) for the year 1934-35 to 1944-45 reveals that during 1944-45, 49.14 per cent of the total revenue has been assessed during the latter half-year as compared with the figure of 52.95 worked out for the previous year. In this connection it is interesting to note that for the first time the revenue during summer is more than that for winter. This appears to be due to the secondary load having been developed.

APPENDIX ' J '

(ix) *Application and Connection Return (consolidated) Local Distribution Schemes*—The figures appearing in this appendix show the progress made in the case of each town with regard to number of applications received, load applied for, consumers connected and connected load. In spite of the restrictions imposed by the Punjab Electric Power Control Board and the shortage of primary power the increase in the connected load of the following towns deserves special mention :—

Item No.	Name of Scheme	Connected load on 31st March 1945, (kw.)	Connected load on 31st March 1944, (kw.)	Increase (kw.)
1	Batala	2,307	2,129	178
2	Amritsar Suburban	7,364	5,471	1,893
3	Lahore Suburban	5,903	5,659	244
4	Kasur	1,223	1,019	204
5	Ferozepur City	1,768	1,583	185
6	Shahdara	1,835	1,634	201
7	Lahore East Rural	1,481	1,373	108
8	Municipal Committee, Amritsar	2,387	2,047	340
9	Baghbanpura	720	585	135
10	Bulk Supply to Lahore Electric Supply Company at Shahdara	800	..	800
11	Lyallpur	6,446	6,284	162
12	Jandiala-cum-Sultanwind	586	237	249

APPENDIX ' K '

(x) *Load growth diagram for the whole Branch*—(a) The curves relating to load applied for, and load connected show steady progress from month to month in spite of the restrictions imposed by the Punjab Electric Power Control Board and the shortage of primary power.

(b) The curve representing the revenue shows steady increase from May 1943 to September 1943. With a little setback in October 1943 on account of change of season it then shows upward tendency up to January 1944 when again on account of change in season it shows downward tendency for two months. From April 1944 the curve should have shown steady progress up to September 1944 but there is sudden rise during May 1944 and August 1944. This is due to the fact that a sum of Rs. 84,600 assessed from the Lahore Electric Supply Company, Ltd., on account of supply at Shahdara was adjusted twice. The decline during October 1944 is due to change in season and the curve shows steady rise up to February 1945. The sharp decline during March 1945 is due to the fact that excess credit afforded in May 1944 on account of realization from the Lahore Electric Supply Company, Ltd., was withdrawn in this month. With the exception of March 1945 the revenue assessed in each month during 1944-45 is in no case less than that of the corresponding month in the previous year. There is a clear rise of Rs. 1,15,000 in the peak point touched this year over the maximum figure of Rs. 4,75,350 achieved during the year 1943-44.

APPENDIX 'L'

Statement showing revenue assessed during 1944-45—The total revenue assessed during the year is Rs. 61,96,743-1-0 against Rs. 52,66,404-14-0 assessed during 1943-44. The revenue assessed from each source is given below :—

Item No.	Particulars	1943-44	1944-45	Increase
	UHL RIVER HYDRO-ELECTRIC SCHEME	Rs.	Rs.	Rs.
1	Local Distribution Scheme ..	39,85,884	46,69,063	6,83,179
2	Bulk Supply Scheme ..	10,15,934	12,90,694	2,74,760
3	Production and Transmission ..	89,686	76,212	-13,474
4	Total Uhl River Scheme ..	50,91,504	60,35,969	9,44,465
5	Renala Subsidiary Scheme ..	1,74,901	1,60,773	-14,128
6	Total for the Branch ..	52,66,405	61,96,742	9,30,337

(i) The above table shows that there is an increase of 18.55 per cent in the revenue of the Uhl River Hydro-Electric Scheme during the year 1944-45 over that for the year 1943-44.

(ii) The Revenue Statement shows that in the cases of the towns noted below there has been marked increase in the revenue assessed :—

Item No.	Name of Scheme	Revenue for 1944-45	Revenue for 1943-44	Increase
		Rs.	Rs.	Rs.
1	Amritsar Suburban ..	5,79,736	4,59,533	1,20,203
2	Lahore Suburban ..	5,19,827	4,02,158	1,17,669
3	Tarn Taran ..	73,055	50,814	22,241
4	Kasur ..	1,51,925	1,12,442	39,483
5	Ferozepore City ..	2,09,757	1,85,077	24,680
6	Duplicate feeder for R. A. Bazar ..	78,471	25,248	53,223
7	Sheikhupura ..	1,21,486	97,894	23,592

3. The percentage of total establishment charges to the gross revenue for the previous years compares as under :—

Item No.	Year	Gross Revenue assessed excluding Renala	Total Establishment charges excluding Renala	Percentage of Establishment Charges to Gross Revenue
		Rs.	Rs.	
		(in lacs)	(in lacs)	
1	1934-35 ..	9.22	7.35	79.71
2	1935-36 ..	14.28	8.48	59.38
3	1936-37 ..	19.56	9.18	46.93
4	1937-38 ..	23.18	10.23	44.15
5	1938-39 ..	28.00	10.44	37.29
6	1939-40 ..	28.39	10.66	37.55
7	1940-41 ..	32.70	10.94	33.46
8	1941-42 ..	37.64	10.42	30.34
9	1942-43 ..	43.12	11.98	27.78
10	1943-44 ..	50.92	13.06	25.63
11	1944-45 ..	60.36	14.68	24.32

The percentage of establishment charges to the gross revenue for the year 1944-45 shows a decrease of 1.31 over the previous year.

N. THORNTON—5-3-46

Chief Engineer,

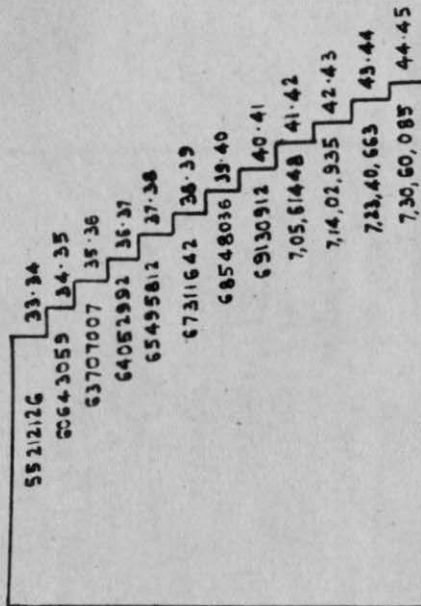
Punjab, Public Works Department, Electricity Branch

PROGRESS CHART

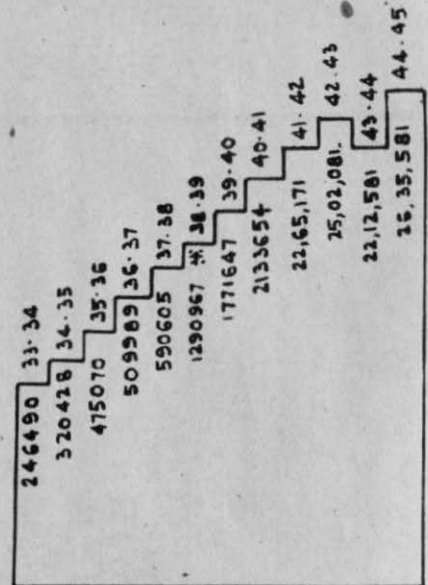
SHEET NO. 1

PUNJAB PUBLIC ELECTRICITY UHL RIVER HYDRO E

INSTALLED GENERATING CAPACITY
INCLUDING 1x12000 K.W. SET AT
DATE OF COMMENCEMENT OF OPERATION



CAPITAL OUTLAY
(RUPEES)



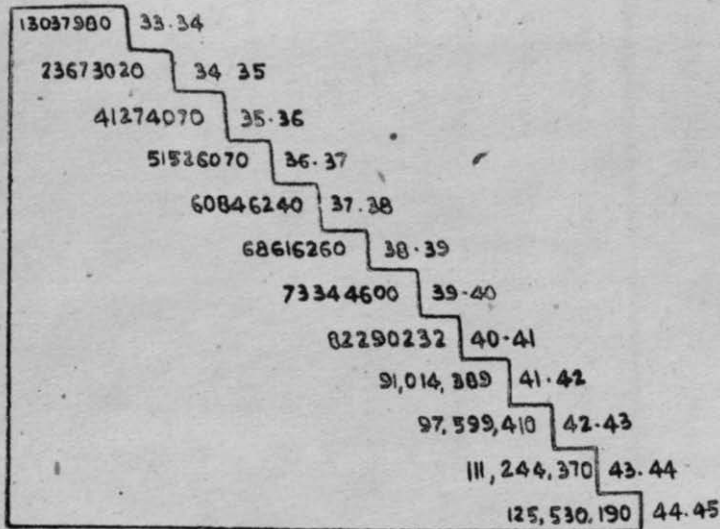
WORKING EXPENSES
(RUPEES)

* INCLUDES RS. 7,79,000/- DEPRECIATION
CHARGED FOR THE FIRST TIME.

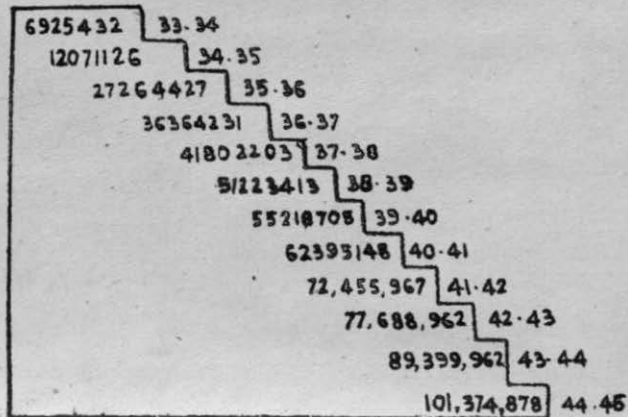
PROGRESS CHART.

SHEET NO. 2.

UNITS GENERATED



UNITS SOLD



UHL

P

APPENDIX ' B '

CAPITAL ACCOUNT FOR THE YEAR ENDED 31st MARCH 1945



Item No.	Description of Assets	Expenditure to end of previous year	Expenditure during the year	Total Expenditure	Receipts during this year	Expenditure to end of this year
		Rs.	Rs.	Rs.	Rs.	Rs.
	Production					
	<i>I—Works</i>					
	DIRECT CHARGES					
1	Preliminary Expenses	27,61,819	..	27,61,819	..	27,61,819
2	Land	48,255	..	48,255	..	48,255
3	Telephone Power and Light System..	3,23,370	..	3,23,370	..	3,23,370
4	Buildings	17,03,560	3,465	17,07,025	..	17,07,025
5	Power House Equipment	20,04,347	..	20,04,347	..	20,04,347
6	Step up Sub-Station Equipment ..	8,22,512	..	8,22,512	..	8,22,512
7	Communications—					
	(a) Roads and Buildings	1,20,685	..	1,20,685	..	1,20,685
	(b) Railway Sidings	19,801	..	19,801	..	19,801
	(a) Haulages	10,19,007	..	10,19,007	..	10,19,007
	(b) Tramways	3,93,900	..	3,93,900	..	3,93,900
8	Hydraulic Works—					
	(a) Head Works	20,15,180	..	20,15,180	..	20,15,180
	(b) Tunnel	74,89,628	..	74,89,628	..	74,89,628
	(c) Pipe Line	30,71,947	..	30,71,947	..	30,71,947
12	Losses on stock	3,34,927	..	3,34,927	..	3,34,927
13	Maintenance during construction ..	6,26,363	..	6,26,363	..	6,26,363
14	Miscellaneous	3,59,344	..	3,59,344	..	3,59,344
	Total	2,31,14,845	3,465	2,31,18,310	..	2,31,18,310
	Establishment	52,60,877	3,715	52,64,592	..	52,64,592
	Tools and Plant	23,33,913	107	23,34,020	..	23,34,020
	Total	3,07,09,635	7,287	3,07,16,922	..	3,07,16,922
	<i>Deduct—Receipts and Recoveries on Capital Account—</i>					
	(i) Other Receipts	7,64,805	..	7,64,805	415	7,65,220
	(ii) Receipts from dismantled Works ..	..	..	..	11	11
	Net	2,99,44,830	7,287	2,99,52,117	—426	2,99,51,691
	INDIRECT CHARGES					
1	Audit and Accounts Charges	3,26,959	35	3,26,994	..	3,26,994
1	Capitalized abatement of Land Revenue .. ..	..	..	..	..	..
	Total Production	3,02,71,789	7,322	3,02,79,111	—426	3,02,78,685

APPENDIX B—CONTINUED

CAPITAL ACCOUNT FOR THE YEAR ENDED 31st MARCH 1945—CONTINUED.

Item No.	Description of Assets	Expenditure to end of previous year	Expenditure during the year	Total expenditure	Receipts during this year	Expenditure to end of this year.
		Rs.	Rs.	Rs.	Rs.	Rs.
	Transmission Scheme					
	<i>I—Works</i>					
	DIRECT CHARGES					
1	Preliminary Expenses	66,273	..	66,273	..	66,273
2	Lands	6,09,710	1,189	6,10,899	..	6,10,899
3	Telephone System	11,05,478	..	11,05,478	..	11,05,478
4	Buildings	19,09,348	5,943	19,15,291	..	19,15,291
5	Railway Sidings	4,41,493	..	4,41,493	..	4,41,493
6	Grid Sub-Station Equipment	66,92,334	—194	66,92,140	..	66,92,140
7	Trunk or Branch lines (132 Kv.)	77,70,207	..	77,70,207	..	77,70,207
8	.. .. (66 Kv.)	20,69,816	..	20,69,816	..	20,69,816
9	Trunk or Branch lines (33 Kv. or under)	11,25,864	..	11,25,864	..	11,25,864
12	Losses on stock	1,54,504	..	1,54,504	..	1,54,504
13	Maintenance during construction .. ..	..	..	..	..	..
14	(i) Miscellaneous	1,26,232	..	1,26,232	..	1,26,232
	(ii) Establishment	40,19,264	—13,273	40,05,991	..	40,05,991
	(iii) Tools and Plant	3,25,479	74	3,25,553	..	3,25,553
15	Extraordinary replacements	47,132	..	47,132	..	47,132
	Total	2,64,63,134	—6,261	2,64,56,873	..	2,64,56,873
	V—Deduct—Receipts and Recoveries on Capital Account—					
	(i) Other receipts	23,196	..	23,196	20,453	43,649
	(ii) Receipts from dismantled works .. ..	..	..	..	64	64
	Net Outlay	2,64,39,938	—6,261	2,64,33,677	20,517	2,64,13,169
	INDIRECT CHARGES					
	Audit and Accounts Charges	2,84,025	767	2,84,792	..	2,84,792
	Capitalized abatement of land revenue	2,330	—223	2,107	..	2,107
	Total Outlay Transmission	2,87,28,293	—5,717	2,67,20,576	—20,517	2,87,00,059

APPENDIX B—CONTINUED

CAPITAL ACCOUNT FOR THE YEAR ENDED 31st MARCH 1945—CONTINUED

Item No.	Description of Assets	Expenditure to end of previous year	Expenditure during the year	Total expenditure	Receipts during this year	Expenditure to end of this year
		Rs.	Rs.	Rs.	Rs.	Rs.
Bulk Supply Schemes						
I—WORKS						
1	Preliminary Expenses ..	667	215	882	..	882
2	Land ..	1,502	..	1,502	..	1,502
3	Telephone System ..	9,683	..	9,683	..	9,683
4	Buildings ..	18,867	455	19,322	..	19,322
5	Blank ..	..	..	..	..	..
6	Distribution Sub-Station Equipment	2,59,355	50,929	3,10,284	..	3,10,284
7	Mains ..	5,16,068	25,518	5,41,586	..	5,41,586
8	Services—					
	(a) General ..	49,269	39,933	89,202	..	89,202
	(b) Industrial ..	..	..	..	..	..
9	Meters—					
	(a) General ..	3,738	4,522	8,260	..	8,260
	(b) Industrial ..	..	..	..	..	..
10	Public Lighting ..	..	..	..	..	..
11	Lift Irrigation ..	..	..	..	..	..
14	Miscellaneous ..	632	..	632	..	632
15	Total Works ..	8,59,781	1,21,572	9,81,353	..	9,81,353
	Tools and Plant ..	12,873	2,775	15,648	..	15,648
	Establishment Charges Capitalized ..	1,60,544	1,35,684	2,96,228	..	2,96,228
	Indirect Charges (Audit and Accounts)	10,856	1,225	12,082	..	12,082
	Indirect Charges (Capitalized Abatement of Land Revenue)	34	..	34	..	34
	Total Works and Overhead Charges	10,44,088	2,61,257	13,05,345	..	13,05,345
	<i>Deduct—Receipts and Recoveries on Capital Account</i>	<i>2,11,629</i>	<i>..</i>	<i>2,11,629</i>	<i>19,392</i>	<i>2,31,021</i>
	Net Outlay Bulk Supply Schemes	8,32,459	2,61,257	10,93,716	-19,392	10,74,324

APPENDIX B—CONTINUED

CAPITAL ACCOUNT FOR THE YEAR ENDED 31ST MARCH 1945—CONTINUED

Item No.	Description of Assets	Expenditure to end of previous year	Expenditure during the year	Total Expenditure	Receipts during this year	Expenditure to end of this year
		Rs.	Rs.	Rs.	Rs.	Rs.
Distribution Schemes						
I—WORKS						
1	Preliminary Expenses	45,321	1,487	46,808	..	46,808
2	Land	81,195	—418	80,777	..	80,777
3	Telephone System	45,014	—428	44,586	..	44,586
4	Buildings	1,87,564	88	1,87,652	..	1,87,652
5	Blank .. ..	..	..	..	..	..
6	Distribution Sub-Station Equip- ment	18,32,511	53,984	18,86,495	..	18,86,495
7	Mains	31,89,348	73,136	32,62,484	..	32,62,484
8	Services—					
	(a) General	12,94,655	15,877	13,10,532	..	13,10,532
	(b) Industrial	7,02,935	82,060	7,84,995	..	7,84,995
9	Meters—					
	(a) General	4,35,454	24,768	4,60,222	..	4,60,222
	(b) Industrial	1,37,856	19,130	1,56,986	..	1,56,986
10	Public Lighting	2,16,855	208	2,17,063	..	2,17,063
11	Lift Irrigation	13,682	..	13,682	..	13,682
12	Miscellaneous	22,891	..	22,891	..	22,891
13	Total Works	82,05,281	2,69,892	84,75,173	..	84,75,173
14	Tools and Plant	1,70,883	3,670	1,74,553	..	1,74,553
15	Establishment Charges Capitalized..	45,45,892	2,99,647	48,45,539	..	48,45,539
16	Indirect Charges (Audit and Accounts)	83,733	3,353	87,086	..	87,086
	Indirect Charges (Capitalized Abatement of Land Revenue)	724	—607	117	..	117
	Total Works and Overhead Charges	1,30,06,513	5,75,955	1,35,82,468	..	1,35,82,468
	Deduct—Receipts and Recoveries on Capital Account—					
	(i) Other Receipts	3,52,523	..	3,52,523	17,027	3,69,550
	(ii) Receipts from Dismantled Works	..	..	..	13,988	13,988
	Net Outlay Distribution Schemes	1,26,53,990	5,75,955	1,32,29,945	—31,015	1,31,98,930

APPENDIX B—CONTINUED

CAPITAL ACCOUNT FOR THE YEAR ENDED 31st MARCH 1946—CONCLUDED.

Item No.	Description of Assets	Expenditure to end of previous year	Expenditure during the year	Total Expenditure	Receipts during this year	Expenditure to end of this year
		Rs.	Rs.	Rs.	Rs.	Rs.
Renala Subsidiary Scheme						
DIRECT CHARGES						
<i>I—Works</i>						
1	Preliminary Expenses	9	4	13	..	15
2	Land.. .. .	1,09,516	..	1,09,516	..	1,09,516
3	Telephone System .. ..	..	3,898	3,898	..	3,898
4	Buildings	4,50,012	..	4,50,012	..	4,50,012
5	Power Station Equipment ..	2,87,234	-2,607	2,84,627	..	2,84,627
6	Distribution Sub-Station Equip- ment	..	4,284	4,284	..	4,284
7	Mains	1,32,129	-3,898	1,28,231	..	1,28,231
8	Services—					
	(a) General	74	10	84	..	84
	(b) Industrial	7,029	8,061	15,090	..	15,090
9	Meters—					
	(a) General	137	..	137	..	137
	(b) Industrial	107	..	107	..	107
10	Public Lighting.. .. .	..	..	..	..	..
11	Pumping Station Equipment ..	62,530	..	62,530	..	62,530
12	Losses in Stock .. .. .	..	..	..	..	..
13	Maintenance during construc- tion	..	..	..	..	..
14	Miscellaneous .. .. .	..	..	..	..	..
	Establishment Charges Capita- lized	1,507	12,777	14,284	..	14,284
	Tools and Plant	309	13	322	..	322
	Total Works and Overhead Charges	10,50,593	22,542	10,73,135	..	10,73,135
	<i>Deduct—Receipts and Recoveries on Capital Account (Other Receipts)</i>	246	..	246	2	248
	Net Outlay	10,50,347	22,542	10,72,889	-2	10,72,887
INDIRECT CHARGES						
1	Audit and Accounts Charges ..	175	97	272	..	272
	Total Outlay Renala Subsidiary Scheme	10,50,522	22,639	10,73,161	-2	10,73,159
	GRAND TOTAL	7,15,35,053	8,61,456	7,23,96,509	-71,352	7,23,25,157

APPENDIX B—CONTD.

PUNJAB PUBLIC WORKS DEPARTMENT ELECTRICITY BRANCH

REVENUE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 1945

Serial No.	EXPENDITURE							INCOME								
	Particulars	Production	Transmission	Distribution	Bulk Supply	Total	Renala Subsidiary Scheme	Total	Particulars	Production	Transmission	Distribution	Bulk supply	Total	Renala Subsidiary Scheme	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	To Works expenditure financed from Ordinary Revenues	12,105	17,361	7,790	..	37,256	341	37,597	<i>Gross Receipts</i>							
2	To Maintenance Proper	1,15,682	1,33,822	1,90,853	6,544	4,46,901	25,770	4,72,671	(a) By sale of power ..	1,908	..	44,01,693	13,27,935	57,31,536	1,57,461	58,88,997
3	To Depreciation	4,70,820	4,14,480	2,16,480	17,470	11,19,250	..	11,19,250	(b) By Miscellaneous Revenues	5,332	1,10,826	2,50,196	18,932	3,85,286	3,161	3,88,447
4	To Tools and Plant	4,327	5,731	3,386	85	13,529	455	13,984								
5	To cost of Power	..	..	24,08,434	15,11,456	39,19,890	..	39,19,890								
6	To Establishment Charges—								Total Gross Receipts	7,240	1,10,826	46,51,889	13,46,867	61,16,822	1,60,022	62,77,444
	(a) Local—								(c) Deduct—Refunds ..	..	..	4,460	443	4,903	-1,21,018	-1,16,155
	(i) Carriage	96	790	409	..	1,295	14	1,309	Bad Debts written off	..	..	274	..	274	..	274
	(ii) Pay of Menials	1,642	5,692	8,267	..	15,511	250	15,761	Net Receipts	7,240	1,10,826	46,47,155	13,46,424	61,11,645	2,81,640	63,93,285
	(iii) Postal Charges	868	6,966	5,408	..	13,242	..	13,242	By balance transferred to Net Revenue Account	7,43,593	8,27,461	..	1,96,430	17,67,484	..	17,67,484
	(iv) Office rent	..	3,740	7,451	..	11,191	200	11,391								
	(v) Telephone Charges	..	3,422	5,065	..	8,487	..	8,487								
	(vi) Printing Charges	308	3,244	1,724	..	5,276	9	5,285								
	(vii) Cost of Stationery	648	4,888	2,649	..	8,185	122	8,307								
	(viii) Chemicals for ferro-printing	2	82	..	..	84	..	84								
	(ix) Liveries	83	1,937	198	..	1,822	..	1,822								
	(x) Law Charges	..	..	9	..	9	..	9								
	(xi) Medical	984	481	163	..	1,633	2,000	3,633								
	(xii) Miscellaneous Office Expenses	767	4,794	4,258	..	9,819	20	9,839								
	(xiii) Direction Contingencies	11	12,263	..	..	12,274	..	12,274								
	Total	5,409	48,169	35,210	..	88,788	2,615	91,403								
	Deduct—Percentage recoveries of Establishment Charges	1,254	345	467	..	2,066	37	2,103								
	Net Total	4,155	47,824	34,743	..	86,722	2,578	89,300								
	(b) Pro rata Share of Local Executive and Distribution Establishment	1,43,744	3,19,069	4,32,828	7,299	9,02,940	31,648	9,34,588								
	Total (a) and (b) ..	1,47,899	3,66,893	4,67,571	7,299	9,89,662	34,226	10,23,888								
	Total Working Expenses	7,59,833	9,38,287	82,94,514	15,42,854	65,26,488	60,792	65,87,280								
	Balance transferred to Net Revenue Account	..	..	13,52,641	..	13,52,641	2,20,848	15,73,489								
	Total	7,59,833	9,38,287	82,94,514	15,42,854	65,26,488	60,792	65,87,280								

APPENDIX B—CONTINUED

PUNJAB PUBLIC WORKS DEPARTMENT, ELECTRICITY BRANCH

NET REVENUE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 1944

Serial No.	EXPENDITURE								INCOME							
	Particulars	Production	Transmission	Distribution	Bulk supply	Total Uhl River H. E. Scheme	Renala Sub-sidiary Scheme	Total	Particulars	Production	Transmission	Distribution	Bulk supply	Total Uhl River H. E. Scheme	Renala Sub-sidiary Scheme	Total
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	To balance transferred from Revenue Account, Part III	7,43,593	8,27,461	..	1,96,430	17,67,484	..	17,67,484	By balance transferred from Revenue Account, Part III	..	..	13,52,641	..	13,52,641	2,20,848	15,73,439
2	To Audit and accounts charges	1,380	3,444	2,008	65	6,897	261	7,158	By balance carried down being net loss for the year	19,42,903	19,62,254	..	2,34,172	41,39,329	..	41,39,329
3	To interest charges	11,97,930	11,31,349	5,09,583	37,677	28,76,539	40,504	29,22,043								
4	To balance carried down being net profit for the year	..	..	8,41,050	..	8,41,050	1,75,083	10,16,133								
	Total	19,42,903	19,62,254	13,52,641	2,34,172	54,91,970	2,20,848	57,12,818	Total	19,42,903	19,62,254	13,52,641	2,34,172	54,91,970	2,20,848	57,12,818
5	To balance brought forward from last year's account	55,85,018	..	1,78,02,951	50,16,938	2,84,04,907	1,13,920	2,85,18,827	By balance brought forward from last year's account	..	55,54,791	..	..	55,54,791	..	55,54,791
6	To balance brought down being net loss for the year	19,42,903	19,62,254	..	2,34,172	41,39,329	..	41,39,329	By transfer to transmission	75,27,921	..	..	..	75,27,921	..	75,27,921
7	To loss under production adjusted	..	75,27,921	..	..	75,27,921	..	75,27,921	By balance brought down being net profit for the year	..	..	8,41,050	..	8,41,050	1,75,083	10,16,133
8	To balance transferred to Balance Sheet, Section I, Part VI	..	..	..	..	..	61,163	61,163	By cost of power transferred to Distribution and Bulk Supply Scheme	..	39,19,890	..	..	39,19,890	..	39,19,890
									By balance carried to Balance Sheet, Section I, Part VI	..	15,494	1,60,61,901	52,51,110	2,22,28,505	..	2,22,28,505
	Total	75,27,921	94,90,175	1,78,02,951	52,51,110	4,00,72,157	1,75,083	4,02,47,240	Total	75,27,921	94,90,175	1,78,02,951	52,51,110	4,00,72,157	1,75,083	4,02,47,240

APPENDIX B—CONCLUDED

PUNJAB PUBLIC WORKS DEPARTMENT, ELECTRICITY BRANCH

BALANCE SHEET AS ON 31ST MARCH 1945

Serial No.	LIABILITIES					ASSETS						
	Particulars	Production	Transmission including Distribution and Bulk Supply Schemes	Total Uhl River Scheme	Renala Subsidiary Scheme	Total	Particulars	Production	Transmission including Distribution and Bulk Supply Scheme	Total Uhl River Scheme	Renala Subsidiary Scheme	Total
		Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.
1	Government investment account as per Part II	3,03,33,715	6,51,75,275	9,55,08,990	10,82,487	9,65,91,477	1. Works Capital ..	3,02,78,685	4,09,78,313	7,12,51,998	10,73,159	7,23,25,157
2	Sundry Creditors—						2. Stock in hand ..	55,538	18,16,923	18,72,461	72,406	19,44,867
	(i) Supply for purchases made	2,224	2,10,631	2,12,855	2,880	2,15,735	3. Sundry Debtors—					
	(ii) Security Deposits ..	6,376	3,97,473	4,03,849	..	4,03,849	(i) Amount due from consumers	..	1,93,242	1,93,242	..	1,93,242
	(iii) Sums due on account of purchases made in England	..	7,302	7,302	..	7,302	(ii) Other sundry debtors	1,465	1,50,443	1,51,908	965	1,52,873
	Total ..	8,600	6,15,406	6,24,006	2,880	6,26,886	Total ..	1,465	3,43,685	3,45,150	965	3,46,115
3	Depreciation Reserve Fund ..	29,96,143	37,03,102	66,99,245	3,27,605	70,26,850	4. Amount with Government on account of Depreciation Reserve Fund (as per contra).	29,96,143	37,03,102	66,99,245	3,27,605	70,26,850
4	Accumulative Profit ..	..	..	..	61,163	61,163	5. Amount with Government on account of security deposits of consumers and others (as per contra)	6,376	3,97,473	4,03,849	..	4,03,849
	Total ..	3,33,38,458	6,94,93,783	10,28,32,241	14,74,135	10,43,06,376	6. Accumulative loss ..	..	2,22,28,505	2,22,28,505	..	2,22,28,505
							7. Cash in hand ..	251	30,782	31,033	..	31,033
							8. Rounding ..	..	..	..	..	..
	Total ..	3,33,38,458	6,94,93,783	10,28,32,241	14,74,135	10,43,06,376	Total ..	3,33,38,458	6,94,93,783	10,28,32,241	14,74,135	10,43,06,376

APPENDIX C

STATEMENT SHOWING AVERAGE COST OF GENERATION PER UNIT GENERATED FOR THE YEARS
1944-45, 1943-44 AND 1942-43

Serial No.	Particulars	1944-45			1943-44	1942-43
		Gross amount	Receipt	Net amount		
1	2	3	4	5	6	7
		Rs.	Rs.	Rs.	Rs.	Rs.
1	Working expenses	1,34,179	..	..	1,00,469	87,888
2	Local establishment	89,443	..	..	81,550	78,615
3	Total working expenses and local establishment	2,23,622	7,240	2,16,382	1,72,993	1,54,127
4	Share of direction establishment ..	58,456	..	..	20,467	27,710
5	Total working expenses, local establishment and share of direction establishment	2,82,078	7,240	2,74,838	1,93,465	1,81,837
6	Capital charges—					
	(a) Depreciation	4,70,820	..	4,70,820	4,56,570	4,43,861
	(b) Interests	11,97,930	..	11,97,930	11,97,339	11,96,584
7	Total of working expenses, local establishment, share of direction establishment and interest, items 5 and 6 (b)	14,80,008	7,240	14,72,768	13,90,804	13,73,421
8	Total of working expenses, local establishment, share of direction establishment and capital charges, items 5 and 6 (a) and (b)	19,50,828	7,240	19,43,588	18,47,374	18,22,282
9	Units generated	units 125,530,190	..	units 125,530,190	units 111,244,370	units 97,599,410
10	Units transmitted (including supply to Mandi and sold to consumers,	124,631,795	..	124,631,795	110,297,916	96,312,222
11	Units delivered to 132 Kv. Busbars	124,083,305	..	124,083,305	109,792,725	96,147,479
12	Average cost of generation per unit generated—					
	(a) Working expenses and local establishment, items 3/9	pies 342	..	pies 331	pies 298	pies 303
	(b) Working expenses and local establishment and share of direction establishment, items 5/9	431	..	420	1-333	1-358
	(c) Working expenses and local establishment and share of interest charges, items 7/9	2-264	..	2-253	2-400	2-712
	(d) Working expenses and local establishment and share of capital charges, items 8/9	2-984	..	2-973	3-180	3-585
13	Average cost of generation per unit sent out from Power House (including supply to Mandi and local consumers)—					
	(a) Working expenses and local establishment, items 3/10	345	..	333	301	306
	(b) Working expenses and local establishment and share of direction establishment, items 5/10	435	..	423	337	361
	(c) Working expenses and local establishment and interest charges, items 7/10	2-280	..	2-268	2-421	2-734
	(d) Working expenses and local establishment and capital charges, items 8/10	3-005	..	2-994	3-216	3-615
14	Average cost of generation per unit delivered to 132 Kv. Grid—					
	(a) Working expenses and local establishment, items 3/11	346	..	335	302	308
	(b) Working expenses and share of direction, items 5/11	437	..	425	338	363
	(c) Working expenses and interest charges, items 7/11	2-290	..	2-280	2-432	2-753
	(d) Working expenses and capital charges, items 8/11	3-019	..	3-008	3-281	3-639

PUNJAB PUBLIC WORKS DEPARTMENT, ELECTRICITY BRANCH

FINANCIAL AND COMMERCIAL STATISTICS FOR THE YEARS 1942-43, 1943-44 AND 1944-45

Serial No.	Particulars	1944-45		1943-44		1942-43	
		12th		11th		10th	
		Rs.		Rs.		Rs.	
	Production	Transmission	Bulk	Local	Totals		
	Rs.	Rs.	Rs.	distribution	Rs.		
	Rs.	Rs.	Rs.	Rs.	Rs.		
1	Year of operation						
2	Capital Outlay to end of year (including indirect charges but excluding interest)—						
	Direct charges	2,99,51,691	2,82,20,061	10,62,281	1,31,11,689	7,23,45,722	
	Indirect charges	3,26,994	2,88,050	12,116	87,203	7,14,363	
3	Accumulated arrears of simple interest (Loss — or profit +)						
4	Total capital invested to end of the year (Item 2 +3)						
5	Gross revenue assessed	10,445	65,767	12,90,695	46,69,063	60,35,970	
6	Working expenses—						
	(i) Maintenance and repairs ..	1,32,799	1,52,601	6,629	2,01,516	4,93,545	
	(ii) Operating expenses (i.e., pro rata share of regular establishment)	1,47,899	3,84,642	7,299	4,76,052	10,15,892	
	(iii) Audit and account charges ..	1,380	3,444	65	2,005	6,894	
	Total 6 (i, ii and iii)	2,82,078	5,40,687	13,993	6,79,573	15,16,331	
7	Depreciation	4,70,820	4,14,480	17,470	2,16,480	11,19,250	
8	Simple interest for the year ..	11,97,930	11,31,052	37,677	5,09,603	28,76,262	
9	Excess of gross revenue over working expenses, item 5—6						
10	Net revenue after allowing depreciation, item 9—7						
11	Net gain (+) or net loss (—) after allowing simple interest, item 10—8						

13	Percentage of gross revenue assessed to capital invested, item 5 × 100/item 4	6.322	5.343	4.997
14	Percentage of working expenses to capital outlay, item 6 × 100/item 2	2.075	1.560	1.999
15	Percentage of working expenses to capital invested, item 6 × 100/item 4	1.588	1.185	1.512
16	Percentage of working expenses to capital revenue assessed, item 6 × 100/item 5	25.121	22.172	33.097
17	Percentage of excess of gross revenue over working expenses to capital outlay, item 9 × 100/item 2	6.186	5.478	4.041
18	Percentage of excess of gross revenue to capital outlay invested, item 9 × 100/item 4	4.734	4.158	3.056
19	Percentage of excess of gross revenue over working expenses to gross revenue assessed, item 9 × 100/item 5	74.878	77.828	66.903
20	Percentage of net revenue to capital outlay, item 10 × 100/item 2	4.654	3.979	+2.535
21	Percentage of net revenue to capital outlay invested, item 10 × 100/item 4	3.561	3.021	1.917
22	Percentage of net revenue to gross revenue assessed, item 10 × 100/item 5	56.335	36.543	41.978
23	Percentage of net gain (+) or net loss (-) to capital outlay, item 11 × 100/item 2	0.717	.049	-1.397
24	Percentage of net gain (+) or net loss (-) to capital invested item 11 × 100/item 4	0.549	0.037	1.057
25	Units generated	125,530,190	111,244,370	97,599,410
26	Units sold :-			

(a) Direct from the Grid Sub-Station—

	Units
(i) Amritsar Municipal Committee	13,473,214
(ii) North-Western Railway, Moghalpura	19,408,512
(iii) Jullundur Electric Supply Co.	3,710,905
(iv) Kapurthala	872,930
(v) Phagwara	786,650
(vi) Hamira	158,505
(vii) Lahore Electric Supply Co. at Shahdara	2,306,100
Total	40,716,816

(b) Local Distribution Scheme—

(i) General	4,302,245
(ii) Industrial	51,433,348

PUNJAB PUBLIC WORKS DEPARTMENT, ELECTRICITY BRANCH—CONCLUDED
 FINANCIAL AND COMMERCIAL STATISTICS FOR THE YEARS 1942-43, 1943-44 AND 1944-45—concluded

Serial No.	Particulars	1944-45	1943-44	1942-43
27	Units supplied free to the employees of the Branch	51,620	49,552	47,372
28	Units used on works (including 539,440 supplied to Mandi State)	23,29,223	24,10,685	27,37,387
29	Units lost, item 25—(26+27+28)	21,774,469	19,384,936	17,125,689
30	Percentage of units sold to units generated, item 26×100/item 25	80.76	80.36	79.6
31	Percentage of units supplied free to the employees of the Branch to units generated, item 27×100/item 25, .. .. .	.041	.044	.049
32	Percentage of units used on works (including free supply to Mandi) to units generated, item 28×100/item 25	1.86	2.17	2.805
33	Percentage of units lost to units generated, item 29×100/item 25	17.35	17.42	17.547
34	Percentage of units supplied free to the employees of the Branch to units sold item 27×100/item 26 .. .. .	.050	.055	.061
35	Percentage of units used on works (including free supply to Mandi State) to units sold, item 28×100/item 26	2.30	2.69	3.524
36	Percentage of units lost to units sold, item 29×100/item 26	21.48	21.68	22.05
37	Cost per unit generated (excluding depreciation and interest), item 6/item 25	2.32	1.94	2.81
38	Cost per unit generated (including depreciation but excluding interest), item 6+7/item 25	4.03	3.82	4.92
39	Cost per unit generated (including depreciation and interest, item 6+7+8/item 25	8.43	8.726	10.45
40	Cost per unit sold (excluding depreciation and interest), item 6/item 26	2.87	2.42	3.53
41	Cost per unit sold including depreciation (but excluding interest), item 6+7/item 26	4.99	4.75	6.18
42	Cost per unit sold including depreciation and interest, item 6+7+8/item 26	10.44	10.85	13.12
43	Average return of gross revenue per unit generated, item 5/item 25	9.23	8.79	8.48
44	Average return of gross revenue per unit sold, item 5/item 26	11.43	10.93	10.66
45	Excess of gross revenue over working expenses per unit generated, item 9/item 25	6.91	6.84	5.68
46	Excess of gross revenue over working expenses per unit sold, item 9/item 26	8.56	8.51	7.13
47	Net revenue per unit generated, item 10/item 25	5.20	4.97	3.56
48	Net revenue per unit sold, item 10/item 26	6.44	6.18	4.47
49	Net gain (+) or loss (—) per unit generated, item 11/item 25	0.80	.061	—1.96
50	Net gain (+) or loss (—) per unit sold, item 11/item 26	0.99	.076	—2.17

COMMERCIAL STATISTICS OF THE LOCAL DISTRIBUTION SCHEMES FOR THE YEARS 1944-45, 1943-44 AND 1942-43

Serial No.	Particulars	1944-45					1943-44					1942-43				
		General	Industrial	Public Lighting	Bulk	Total	General	Industrial	Public Lighting	Bulk	Total	General	Industrial	Public Lighting	Bulk	Total
1	Number of consumers or number of lamps in the case of Public Lighting average on the year, Nos-	28,135	2,140	5,789	33	(a) 39,317	27,154	1,936	5,788	23	(b) 29,118	25,920	1,742	5,775	16	(c) 37,678
2	Connected load in Kw. average over the year, k.w.	19,814	32,751	246	2,862	46,673	10,562	28,885	246	2,401	42,034	10,206	25,200	245	1,307	37,049
3	Units sold (Units) ...	4,302,245	51,433,348	567,627	4,354,849	60,658,032	3,720,980	46,927,654	549,706	3,202,901	54,401,370	30,60,626	39,490,737	587,294	1,529,864	44,678,773
4	Revenue assessed (sale of power only), Rs.	10,09,043	30,03,135	71,953	3,17,559	44,01,690	8,39,119	28,88,849	77,213	2,30,486	37,35,167	7,36,433	20,64,278	72,578	164,544	30,41,531
5	Connected load per consumer (per lamp in case of public lamps) item 2/item 1	38	15'24	04	86'7	Does not arise	39	14'92	04	85'8	Does not arise	39	14'52	004	820	Does not arise
6	Units sold per annum per consumer (per lamp in case of public lamps), item 3/item 1	153	23,934	98	131,905	Ditto	137	24,239	95	114,389	Ditto	118	22,070	102	96243	Ditto
7	Revenue per unit sold in pies: item 3/ item 2, pies	45'03	11'21	24'34	14'0	13'93	43'30	10'59	26'96	13'62	13'19	46'20	16'06	33'73	20'52	13'07
8	Revenue per consumer per annum (per lamp in case of Public Lam), item 4/ item 1, Rs.	35'86	1,997'64	12'43	9,623	Does not arise	30'90	1,336'98	13'34	8,232	Does not arise	28'41	1,187'81	12'57	10,234'0	Does not arise
9	Revenue per K.w. connected load per annum. item 4/item 2, Rs.	93'3	91'70	292'48	110'95	94'31	79'90	69'95	313'88	96'0	88'86	72'18	81'76	295'03	125'89	82'10
10	Units sold per annum per average Kw. connected, item 3/item 2	367'84	1,570'44	2,307'43	1,521'61	1,209'64	954'31	1,824'64	2,334'94	1,333'98	1,294'23	293'90	1,561'82	2,387'37	1,178'17	1,205'94
11	Percentage increase in revenue over previous year	20'25	16'03	(-)'9'81	37'77	17'84	13'94	25'15	6'38	40'08	22'79	9'09	14'91	-5'68	63'74	18'03
12	Percentage increase in units sold over previous year	15'62	9'60	3'24	35'97	11'50	21'67	18'83	-6'39	107'99	21'76	11'48	1'00	-3'67	6'06	2'72
13	Percentage of units sold under each head with total units sold	7'09	84'70	94	7'16	Does not arise	6'84	86'36	1'01	6'69	Does not arise	6'85	88'39	1'32	3'45	Does not arise
14	Percentage of revenue under each head with total revenue	22'92	68'13	1'63	7'21	Ditto	22'47	69'29	2'8	6'17	Ditto	24'21	67'99	2'39	5'41	Ditto.
15	Average load factor on connected load, item 3 x 100/item 2 x 8760	4'54	17'93	26'34	17'87	14'84	4'04	16'64	25'51	15'23	14'78	3'43	17'83	27'35	13'45	13'77

(a), (b) and (c)—These figures do not include local bodies.

APPENDIX F

PUNJAB PUBLIC WORKS DEPARTMENT ELECTRICITY BRANCH—UHL RIVER HYDRO-ELECTRIC SCHEME

ANALYSIS OF UNITS SOLD AND REVENUE OBTAINED THROUGH LOCAL DISTRIBUTION SCHEMES AND BULK CONSUMERS

Item No.	Particulars	1944-45			1943-44			1942-43		
		Units sold	Revenue assessed	Revenue per unit sold	Units sold	Revenue assessed	Revenue per unit sold	Units sold	Revenue assessed	Revenue per unit sold
	2	3	4	5	6	7	8	9	10	11
			Rs.	Pies		Rs.	Pies		Rs.	Pies
1	Local Distribution Schemes ..	60,658,062	(a) 44,01,690	(a) 13-93	54,401,370	(a) 37,35,167	(a) 13-18	44,678,773	(a) 30,41,831	(a) 13-07
			(b) 46,68,120	(b) 14-78		(b) 39,85,884	(b) 14-05		(b) 32,63,037	(b) 14-02
2	Percentage of units and revenue to total units and revenue	59-77	(b) 78-34	..	60-85	(b) 79-69	..	57-51	(b) 76-54	..
3	Bulk Supply Scheme ..	40,716,816	(a) 13,08,406	(a) 6-17	34,097,827	(a) 10,27,961	(a) 5-64	33,010,189	(a) 9,99,589	(a) 5-81
			(b) 12,90,694	(b) 6-09		(b) 10,15,934	(b) 5-54		(b) 10,00,166	(b) 5-82
4	Percentage of units and revenue to total units and revenue	40-23	(b) 21-66	..	39-15	(b) 20-31	..	42-49	23-46	..
	Total ..	101,374,878	(a) 57,10,096	(a) 10-81	89,399,197	(a) 47,63,128	(a) 10-23	77,688,962	(a) 40,41,420	(a) 9-99
			(b) 59,58,814	(b) 11-29		(b) 50,01,818	(b) 10-75		(b) 42,63,202	(b) 10-54

Figures against (a) represent sale of power only.
 Figures against (b) represent sale of power, rent of services, rent of meters, sundry receipts and refunds.
 NOTE—These figures do not include rent of buildings and profits on stock, etc.

Serial No.	Particulars of Industry	Number of consumers on 31st March 1945	Connected load in K.w. on 31st March 1945	Units sold.	Revenue assessed (sale of power only)	Units sold per annum K w connected load	Average load factor Units x 100 Connected load x 8760	Revenue per K.w. connected annum rupees.	Revenue per unit sold in pies	REMARKS
1	2	3	4	5	6	7	8	9	10	11
					Rs.				Rs.	
1	Flour Milling (small) and Rice Hulling	271	3,887	6,234,891	4,78,157	1,604	18.3	123	14.7	
2	Flour Milling (large)	23	2,795	9,097,570	4,75,329	3,255	37.15	170	10.03	
3	Ginning and bailing alone	42	546	663,830	45,469	1,216	13.9	83	13.2	
4	Ginning and bailing combined with other industries, i.e., oil extractor	35	892	1,217,804	80,387	1,365	15.58	90	12.7	
5	Ice making alone	24	1,074	2,709,591	1,68,001	2,523	28.80	156	11.9	
6	Ice making combined with other Industries during winter	4	359	449,948	31,169	1,253	14.31	87	13.3	
7	Spinning and Weaving (Cotton and Silk) ..	66	4,098	13,725,010	4,84,014	3,349	38.23	118	6.8	
8	Embroidery, Knitting Hosiery, and other fancy goods	163	789	676,170	53,577	857	9.78	63	15.2	
9	Saw Mill and other woodworks	152	1,611	1,233,436	77,815	766	8.74	48	12.1	
10	Leather and Rubber Factories	6	1,015	1,405,957	74,609	1,385	15.81	74	10.2	
11	Iron and Steel Rolling Mills furnace	44	3,457	4,230,941	1,94,233	1,224	13.97	56	8.8	
12	Engineering Works	422	5,742	3,001,629	3,33,321	528	5.96	58	21.3	
13	Surgical instruments and Cutlery Works ..	2	114	150,315	11,286	1,319	15.05	99	14.4	
14	Electrical goods manufacturing works ..	12	262	248,140	19,646	947	10.81	75	15.2	
15	Glass works	1	25	8,754	727	350	4.00	29	15.9	
16	Chemical toilet and perfumery works ..	19	254	175,566	14,235	691	7.89	56	15.6	
17	Paint and Varnish Works	7	161	211,091	14,705	1,311	14.97	91	13.4	
18	Sugar refining	4	40	8,904	657	223	2.54	18	14.2	
19	Pumping (Town water-supply)	180	303	407,191	31,297	1,344	15.34	103	14.7	
20	Pumping (Irrigation)	222	1,127	1,661,590	1,27,678	1,474	16.83	113	14.7	
21	Pumping drainage	27	148	131,856	10,332	891	10.17	70	15.0	
22	Railway load	14	598	1,098,847	67,048	1,838	20.98	112	11.7	
23	Miscellaneous	390	3,700	2,505,815	1,95,706	677	7.73	53	14.9	
	Total	2,130	32,997	51,254,846	29,89,398	1,553	17.73	91	11.2	

APPENDIX H

STATEMENT SHOWING THE RATIO OF REVENUE ASSESSED DURING THE FIRST HALF-YEAR (APRIL TO SEPTEMBER) TO THAT ASSESSED DURING THE SECOND HALF-YEAR (OCTOBER TO MARCH) FOR THE YEAR 1944-45

(Figures in columns 3, 4 and 5 denote rupees in lacs and relate to Uhl River Scheme only)

Item No.	Year	Total Revenue assessed for the year	Revenue assessed during the first half-year (April to September)	Revenue assessed during the second half-year (October to March)	Ratio between Revenue of first half each year to the Revenue in the second half of the year	Percentage of Revenue assessed during the first half-year to the Revenue for the whole year
1	2	3	4	5	6	7
1	1934-35	8.99	3.44	5.55	2:3	38.30
2	1935-36	14.13	6.50	7.63	5:6	46.0
3	1936-37	19.33	8.92	10.41	7:9	46.12
4	1937-38	22.63	10.66	11.97	9:10	47.10
5	1938-39	28.00	12.65	15.35	14:17	45.19
6	1939-40	28.33	13.59	14.74	19:21	47.99
7	1940-41	32.70	15.34	17.36	19:21	46.91
8	1941-42	37.64	17.79	19.85	9:10	47.25
9	1942-43	43.12	20.80	22.32	21:22	48.24
10	1943-44	50.92	23.96	26.96	8:9	47.05
11	1944-45	60.36	30.70	29.66	31:30	50.86
12	Total	346.15	164.35	181.80	..	47.47
13	Average	31.47	14.94	16.53	15:17	..

Serial No.	Name of town or area	NUMBER OF APPLICATION RECEIVED				CONNECTED LOAD APPLIED FOR IN Kw.				Total columns 7 to 10	CLASS OF CONSUMERS CONNECTED				TOTAL LOAD CONNECTED IN Kw.				Total columns 16 to 19.	
		General	Industrial	Bulk	Public lighting	General	Industrial	Bulk	Public lighting		General	Industrial	Bulk	Public lighting	General	Industrial	Bulk	Public lighting		
																				3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Pathankot ..	{(x) {(y)	691 710	39 69	1 2	214 214	189 194	346 705	21 41	14 14	570 954	680 691	35 37	.. ..	199 199	185 188	317 318	.. ..	8 8	510 514
2	Dina Nagar ..	{(x) {(y)	281 293	22 33	.. ..	146 146	67 70	220 457	.. ..	5 5	292 532	284 285	12 14	.. ..	146 146	68 68	92 112	.. ..	5 5	165 185
3	Gurdaspur ..	{(x) {(y)	904 947	36 77	.. ..	419 419	351 364	401 912	.. ..	16 16	768 1,292	882 918	31 40	.. ..	419 419	332 357	306 365	.. ..	16 16	654 738
4	Dharamsala ..	{(x) {(y)	665 679	5 6	.. ..	90 90	246 245	27 34	.. ..	4 4	277 283	617 631	5 5	.. ..	90 90	221 228	26 26	.. ..	4 4	251 258
5	Kangra ..	{(x) {(y)	230 231	1 4	1 1	31 31	81 80	1 32	400 420	2 2	484 534	224 226	.. 1	1 1	31 31	74 74	.. ..	320 320	2 2	396 396
6	Pathankot Rural West (Sujanpur, Sarna, etc.)	{(x) {(y)	252 247	11 25	.. ..	30 30	60 58	142 339	.. ..	1 1	203 398	238 238	5 7	.. ..	30 30	52 55	71 93	.. ..	1 1	124 149
7	Batala ..	{(x) {(y)	1,418 1,437	179 239	.. ..	613 613	477 491	2,199 3,282	.. ..	22 22	2,698 3,795	1,413 1,430	144 164	.. ..	613 613	472 477	1,635 1,808	.. ..	22 22	2,129 2,307
8	Amritsar Suburban	{(x) {(y)	584 619	370 557	3 3	4 4	437 476	10,610 13,538	256 256	.. ..	11,303 14,265	430 430	188 211	2 2	4 4	231 234	5,108 6,998	132 132	.. ..	5,471 7,364
9	Verka-cum-Majitha	{(x) {(y)	295 310	28 35	.. ..	25 25	73 78	226 295	.. ..	1 1	294 374	241 246	17 19	.. ..	25 25	62 62	114 132	.. ..	1 1	177 195
10	Qadian ..	{(x) {(y)	605 629	51 75	1 1	27 27	256 269	314 528	15 15	1 1	586 813	589 605	45 51	1 1	27 27	250 261	223 247	15 15	1 1	489 524
11	Dhariwal ..	{(x) {(y)	382 368	27 48	.. ..	.. ..	87 82	224 476	.. ..	.. ..	311 558	352 367	21 26	.. ..	.. ..	80 82	174 221	.. ..	.. ..	254 303
12	Tarn Taran ..	{(x) {(y)	791 801	115 171	1 1	198 198	233 233	894 1,917	16 16	8 8	1,151 2,174	758 768	75 84	1 1	198 198	225 229	520 558	16 16	8 8	769 811
13	Lahore Suburban	{(x) {(y)	2,065 2,114	298 393	6 5	173 173	1,105 1,185	4,622 6,605	1,237 1,225	7 7	6,971 9,022	1,990 2,007	243 262	6 5	173 173	1,024 1,026	3,196 3,574	1,432 1,296	7 7	5,659 5,903
14	Kasur ..	{(x) {(y)	1,734 1,761	146 295	.. ..	425 425	489 485	1,396 3,604	.. ..	17 17	1,902 4,106	1,694 1,721	100 119	.. ..	425 425	458 452	544 754	.. ..	17 17	1,019 1,223
15	Ferozepore City ..	{(x) {(y)	2,012 2,072	111 196	.. ..	288 288	594 604	1,186 2,258	.. ..	13 13	1,793 2,875	1,948 2,021	86 102	.. ..	288 288	554 564	1,016 1,191	.. ..	13 13	1,583 1,768
16	Ferozepore Cantonment	{(x) {(y)	1,575 1,559	85 126	.. ..	285 285	522 521	776 1,181	.. ..	11 11	1,309 1,713	1,453 1,488	72 75	.. ..	285 285	458 463	636 656	.. ..	11 11	1,105 1,130
17	Sheikhupura ..	{(x) {(y)	1,088 1,032	71 75	.. ..	334 334	373 348	1,222 1,254	.. ..	16 16	1,611 1,618	992 1,004	55 57	.. ..	334 334	336 347	809 859	.. ..	16 16	1,161 1,222

STATEMENT OF REVENUE

Sl. No.	Name of Revenue	Taxes		
		General	Industrial	Public Lighting
1	Taluk	10,000	5,000	2,000
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APPENDIX L

STATEMENT OF REVENUE ASSESSED DURING THE YEAR 1944-45

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STATEMENT OF REVENUE ASSESSED

Serial No.	Name of Scheme	SALE OF POWER			
		General	Industrial	Public Lighting	Bulk
1	2	3	4	5	6
		Rs. A.	Rs. A.	Rs. A.	Rs. A.
1	Pathankot ..	16,759 14	21,997 5	2,439 10	..
2	Dina Nagar ..	4,957 2	8,954 1	1,641 0	..
3	Gurdaspur ..	27,111 2	34,982 6	4,616 10	..
4	Dharamsala ..	17,088 15	1,555 12	1,226 12	..
5	Kangra ..	4,235 8	..	543 14	..
6	Madhopur, Sujampur and Sarna ..	4,902 4	4,118 8	352 12	..
7	Yol ..	..	..	..	50,600 2
8	Batala ..	33,178 14	91,558 2	5,124 4	..
9	Amritsar Suburban ..	58,488 3	4,86,080 6	102 7	8,120 1
10	Verka-cum-Majitha ..	4,750 5	21,287 14	244 14	..
11	Qadian ..	20,184 15	15,404 10	303 2	546 8
12	Dhariwal ..	6,202 1	15,111 7	..	..
13	Gurdaspur Lift Irrigation ..	..	..	..	..
14	Tarn Taran ..	19,245 12	43,404 15	2,344 14	1,402 1
15	Jandiala Guru ..	8,268 2	30,572 0	..	..
16	Rural area towards north of Shalamar ..	1,096 14	8,820 13	..	..
17	Baghbanpura ..	21,496 6	34,364 2	2,370 4	..
18	Lahore Suburban ..	1,12,976 11	2,56,840 15	2,331 11	1,27,907 1
19	Kasur ..	40,753 14	91,480 3	5,770 14	1,553 8
20	Ferozepore City ..	64,554 9	1,24,906 3	4,357 6	..
21	Ferozepore Cantonment ..	51,457 4	63,620 14	2,843 14	..
22	Karol Tube Well ..	..	19,645 4	..	..
23	Steel and General Mills ..	..	1,37,459 2	..	..
24	Shahdara ..	19,308 7	1,56,609 6	325 8	..
25	R. A. Bazar ..	10,358 13	6,126 8	..	60,202 14
26	Lahore East Rural ..	1,914 9	1,34,686 11	..	..
27	M. E. S. Ferozepore ..	..	18,350 10	..	63,899 12
28	Sheikhupura ..	33,859 6	72,967 9	4,091 0	..
29	Nankana Sahib ..	15,177 7	74,949 10	2,874 8	..
30	Chuharkana ..	7,923 9	31,974 15	1,121 8	..
31	Jaranwala ..	20,168 10	59,850 0	2,623 4	..
32	Lyallpur ..	1,66,908 6	5,71,103 12	8,464 9	..
33	Ludhiana ..	1,86,285 2	2,63,991 8	14,267 0	3,267 4
34	Phillaur Goraya ..	10,348 4	20,950 6	882 10	..
35	Kartarpur ..	6,546 8	13,351 15	689 2	..
36	Jullundur East ..	1,425 8	7,431 14	..	..
37	Jullundur West ..	1,181 1	31,980 0	..	..
38	Jullundur North ..	3,166 3	9,555 10	..	..
39	Jullundur Basties ..	6,762 10	17,089 4	..	..

FOR THE YEAR 1944-45

Columns No 6	GENERAL		INDUSTRIAL		PUBLIC LIGHTING		
	Service	Meter	Service	Meter	Line Charges	Meter	Lamp Charges
7	8	9	10	11	12	13	14
Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.
196 13	183 8	2,114 4	792 1	271 4	845 4	12 0	1,492 8
552 3	95 4	858 4	230 12	144 0	781 8	12 0	1,101 0
710 2	600 0	2,712 0	230 6	341 0	1,778 4	30 0	3,134 6
671 7	361 3	1,902 0	201 12	33 0	968 4	12 0	687 0
179 6	114 12	670 0	--	--	260 4	6 0	244 8
373 8	148 8	725 10	222 7	60 14	216 0	6 0	225 0
600 2	--	--	--	--	--	--	--
861 4	307 8	4,650 14	1,357 10	1,338 12	2,195 4	42 0	4,597 8
791 1	579 8	1,704 11	11,334 4	1,428 2	76 8	6 0	25 0
283 1	103 1	776 4	202 11	149 4	120 12	6 0	171 14
439 3	404 12	1,850 6	600 12	385 0	190 8	12 0	202 8
313 8	54 8	1,147 12	310 15	201 12	--	--	--
--	--	--	--	--	--	--	--
457 10	167 14	2,447 2	319 13	628 15	1,093 8	12 0	1,485 0
840 2	47 0	1,229 12	343 14	386 7	--	--	--
917 11	45 11	62 8	593 5	152 8	--	--	--
230 12	137 14	2,108 8	299 11	567 0	910 8	18 0	1,312 8
056 6	1,339 0	6,201 4	7,128 13	1,958 10	910 8	24 0	1,297 8
558 7	219 8	5,432 9	652 11	790 8	1,716 12	54 0	3,187 8
518 2	299 9	6,145 8	4,257 5	703 0	1,845 12	42 0	2,202 0
122 0	369 13	4,655 4	931 11	527 15	1,843 8	18 0	2,138 4
445 4	--	57 0	133 8	171 0	--	--	--
59 2	--	--	--	166 8	--	--	--
43 5	30 7	1,332 8	1,322 11	936 13	180 0	6 0	202 0
88 3	76 8	436 2	93 15	99 9	--	--	--
01 4	--	--	2,882 4	9 0	--	--	--
50 6	--	--	799 8	--	--	--	--
17 15	479 0	3,125 0	1,103 14	412 0	1,930 8	24 0	2,442 14
01 9	195 2	1,601 0	2,465 15	611 12	1,083 12	24 0	1,275 0
20 0	83 4	991 0	344 4	168 12	374 4	24 0	624 4
41 14	161 12	1,910 8	717 4	538 8	924 0	24 0	1,477 8
76 11	1,412 6	11,772 1	4,588 2	878 11	3,575 4	72 0	4,423 8
10 14	1,419 10	14,924 13	4,796 12	3,336 11	5,466 0	60 0	8,617 8
31 4	251 6	1,490 6	340 5	324 14	666 0	6 0	585 0
47 9	96 12	1,298 8	179 10	145 8	444 12	6 0	414 0
7 6	23 4	241 12	97 0	41 12	--	--	--
31 1	6 0	1,427 12	84 12	101 8	--	--	--
21 13	57 7	672 12	48 14	87 9	--	--	--
51 14	93 0	929 4	331 6	74 4	--	--	--

STATEMENT OF REVENUE ASSESMENT

Serial No.	Name of Scheme	BULK		Total columns 8 to 16	RENT OF BUILDINGS		Sundry receipts
		Service	Meter		Cash or adjustments	Through salary bills	
1	2	15	16	17	18	19	20
		Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.
1	Pathankot .. .. .	..	..	5,710 13	..	..	124 1
2	Dina Nagar .. .. .	..	..	3,222 12	..	..	71
3	Gurdaspur .. .. .	..	..	8,826 0	..	..	464
4	Dharamsala .. .. .	..	..	4,165 3	..	..	746
5	Kangra .. .. .	..	..	1,295 8	..	..	13
6	Madhopur, Sujampur and Sarna ..	..	..	1,604 7	..	12 5	114
7	Yol .. .. .	..	556 5	556 5	..	..	..
8	Batala .. .. .	..	..	14,489 8	..	291 5	583
9	Amritsar Suburban	427 14	9 0	15,590 15	..	451 0	11,911
10	Verka-cum-Majitha .. .. .	..	..	1,529 14	..	..	23
11	Qadian	13 8	9 0	3,668 6	..	..	237
12	Dhariwal .. .. .	..	..	1,714 15	..	..	164 1
13	Gurdaspur Lift Irrigation .. .. .	..	..	..	..	..	..
14	Tarn Taran .. .. .	..	21 12	6,176 0	..	185 8	258 1
15	Jandiala Guru .. .. .	..	..	2,007 1	..	..	32 1
16	Rural Area towards north of Shalamar Baghbanpura .. .. .	..	..	854 0	..	..	2 1
17	Lahore Suburban	237 12	174 0	19,271 7	..	..	1,609
18	Kasur .. .. .	..	..	12,053 8	..	..	368 1
19	Ferozepore City .. .. .	..	..	15,495 2	..	..	732
20	Ferozepore Cantonment .. .. .	..	..	10,484 7	..	..	549 3
21	Karol Tube Well .. .. .	..	..	361 8	..	..	0
22	Steel and General Mills .. .. .	..	..	166 8	..	..	1,968
23	Shahdara .. .. .	..	..	4,010 15	..	..	117 3
24	R. A. Bazar	421 14	727 3	1,855 3	..	..	298
25	Lahore East Rural .. .. .	..	..	2,891 4	..	..	438 14
26	M. E. S., Ferozepore	1,601 2	..	2,400 10	..	..	232 6
27	Sheikhupura .. .. .	..	..	9,517 4	..	..	1,165 11
28	Nankana Sahib .. .. .	..	..	7,256 9	..	..	230 3
29	Chuharkana .. .. .	..	..	2,609 12	..	..	130 14
30	Jaranwala .. .. .	..	..	5,753 8	..	3 0	265 7
31	Lyalpur .. .. .	..	..	26,722 0	..	..	1,447 8
32	Ludhiana	52 8	40 8	38,714 6	..	..	2,400 14
33	Phillaur Goraya .. .. .	..	..	3,063 15	..	..	97 8
34	Kartarpur .. .. .	..	..	2,585 2	..	..	45 13
35	Jullundur East .. .. .	..	..	403 12	..	..	18 12
36	Jullundur West .. .. .	..	..	1,620 0	..	..	216 5
37	Jullundur North .. .. .	..	..	866 10	..	..	18 6
38	Jullundur Basties .. .. .	..	..	1,437 14	..	..	98 10
	Total	2,754 10	1,537 12	2,46,997 0	..	943 2	27,372 1

CONTINUED

ING THE YEAR 1944-45—CONTINUED

Total other items 17-21	DEDUCT—REFUNDS		Total Columns 23-24	Net assessment, 7+22-25	Revenue assessed during 1943-44	Revenue realized during 1944-45	Revenue realized during 1943-44
	Refunds	Bad debts written of					
22	23	24	25	26	28	28	29
Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.
5,835 8	..	..	..	47,032 5	43,117 6	46,300 5	43,757 1
3,294 1	0 8	..	0 8	18,845 12	14,232 4	18,842 14	14,223 0
9,290 2	65 2	..	65 2	75,935 2	59,641 3	75,847 15	59,731 9
4,911 9	31 12	..	31 12	24,751 4	23,337 4	24,810 10	23,425 14
1,309 0	1 6	..	1 6	6,087 0	5,590 2	6,075 15	5,613 3
1,731 4	..	..	..	11,104 12	10,051 1	11,078 7	10,027 13
556 5	198 5	..	198 5	50,958 2	52,645 1	51,156 8	57,232 14
15,364 5	39 13	..	39 13	1,45,185 12	1,36,253 12	1,43,029 15	1,36,304 4
27,953 4	1,007 7	..	1,007 7	5,79,736 14	4,59,533 14	5,67,245 12	4,59,472 3
1,553 5	0 1	..	0 1	27,836 5	22,173 10	27,648 6	21,263 6
3,905 8	3 10	..	3 10	40,341 1	33,843 0	40,378 7	33,943 14
1,879 13	1 14	..	1 14	23,191 7	23,862 10	23,231 13	23,858 11
..
6,620 3	22 10	..	22 10	73,055 3	50,814 7	72,862 2	51,652 13
2,039 15	16 13	..	16 13	40,863 4	11,057 2	40,838 5	11,356 8
856 14	3 2	..	3 2	10,771 7	8,535 6	10,176 4	8,946 12
5,616 9	48 11	..	48 11	63,798 10	51,014 8	63,537 7	50,101 11
20,880 15	836 4	273 2	1,109 6	5,19,827 15	4,02,158 15	5,08,475 0	3,98,597 1
12,422 3	54 15	..	54 15	1,51,925 11	1,12,442 13	1,50,558 14	11,605 7
16,227 3	287 7	..	287 7	2,09,757 14	1,85,077 0	2,08,013 9	1,79,390 1
11,033 10	683 10	..	683 10	1,28,272 0	20,124 3	1,27,114 7	1,18,041 5
361 10	..	..	..	20,006 14	18,811 6	21,304 12	19,077 4
2,134 15	1 1	..	1 1	1,39,593 0	1,21,578 13	1,39,593 0	1,21,573 5
4,128 2	498 15	..	498 15	19,872 8	1,93,977 9	1,80,034 6	19,003 8
2,153 3	370 5	..	370 5	78,471 1	25,248 11	76,079 7	23,667 1
3,330 2	2 4	..	2 4	1,39,921 2	1,23,618 0	1,40,141 1	1,23,406 1
2,633 0	19 11	..	19 11	84,863 11	80,368 9	95,107 14	75,922 9
10,682 15	114 5	..	114 5	1,21,486 9	97,894 14	1,21,310 2	98,829 7
7,486 12	47 4	..	47 4	1,00,441 1	88,374 3	98,570 10	91,588 1
2,740 10	290 9	319 10	610 3	43,150 7	40,055 10	42,361 11	41,849 6
6,021 15	319 0	..	319 0	88,344 13	79,120 5	87,952 4	79,906 2
28,169 8	941 3	..	941 3	7,73,705 0	7,39,653 13	7,70,940 6	7,39,932 15
41,115 4	1,297 9	..	1,297 9	5,07,628 9	4,44,128 13	5,05,994 14	4,52,854 4
3,761 7	9 15	..	9 15	35,932 12	29,486 4	36,040 1	29,671 2
2,630 15	24 7	..	24 7	23,194 1	16,948 4	23,205 1	18,232 3
422 8	..	..	..	9,279 14	7,022 6	9,261 14	7,031 13
1,836 5	91 4	..	91 4	34,906 2	30,720 12	34,926 9	30,752 4
885 0	5 5	..	8 5	13,598 8	7,567 14	13,641 1	7,565 9
1,536 8	6 14	..	6 14	25,381 8	15,802 5	26,693 13	15,827 6
2,75,312 3	7,346 5	592 12	7,939 1	46,69,063 4	39,85,884 0	46,40,431 13	37,15,246 3

STATEMENT OF REVENUE ASSESSMENT

Serial No.	Name of Scheme	SALE OF POWER			
		General	Industrial	Public lighting	Bulk
		Rs. A.	Rs. A.	Rs. A.	Rs. A.
1	2	3	4	5	6
		Rs. A.	Rs. A.	Rs. A.	Rs. A.
PART II—SUBSIDIARY					
1	Renala Hydro-Electric Installation..	1,629 3	372 4	..	1,55,462 14
	Total Part II ..	1,629 3	372 4	..	1,55,462 14
PART III—BULK					
1	North-Western Railway, Moghalpura	..	..	..	3,45,559 8
2	Municipal Committee, Amritsar ..	..	..	..	4,86,779 10
3	Kapurthala ..	..	..	..	40,576 0
4	Jullundur Electric Supply Company	..	..	..	1,80,394 12
5	Phagwara ..	..	..	..	37,793 8
6	Hamira ..	..	..	..	15,845 5
7	Lahore Electric Supply Company ..	..	..	..	2,01,457 9
	Total Part III ..	..	..	..	13,08,406 4
PART IV—GENERAL REVENUE					
1	Resident Engineer, Jogindarnagar ..	1,269 2	331 13	..	..
2	Amritsar Division ..	..	..	..	..
3	Dharamsala Division ..	..	..	..	..
4	Lyalpur Division ..	..	..	..	..
5	Ludhiana Division ..	..	..	..	..
6	Lahore Division ..	..	..	..	..
7	Independent 'C' 1st Sub-Division..	..	..	..	..
8	Independent 'C' 2nd Sub-Division..	..	..	..	..
9	Stores Office ..	..	..	..	..
10	Tower Repairs Division ..	..	..	..	..
	Total Part IV ..	1,269 2	331 13	..	..
	Total Parts I to IV ..	10,11,941 7	30,03,838 9	71,953 5	17,81,428 5

7—CONTINUED

DURING THE YEAR 1944-45—CONTINUED.

Total columns 3 to 6	GENERAL		INDUSTRIAL		PUBLIC LIGHTING.		
	Service	Meter	Service.	Meter.	Line Charges	Meter	Lamp Charges
7	8	9	10	11	12	13	14
Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.
SCHEME							
1,57,464 5	401 1	133 12	3 12	12 0	..	..	..
1,57,464 5	401 1	133 12	3 12	12 0	..	..	..
SUPPLY CONSUMERS							
3,45,559 8	..	..	..	..	..	..	..
4,86,770 10	..	..	..	..	..	..	..
40,576 0	..	..	..	..	..	..	..
1,80,304 12	..	..	..	..	..	..	..
37,798 8	..	..	..	..	..	..	..
15,845 5	..	..	..	..	..	..	..
2,01,457 9	..	..	..	..	..	..	..
13,08,406 4	..	..	..	..	..	..	..
FROM THE DIVISIONS							
1,000 15	36 12	228 12	..	12 0	..	..	..
..
..
..
..
..
..
..
..
..
1,000 15	36 12	228 12	..	12 0	..	..	..
58,69,161 10	10,402 8	90,067 6	50,344 9	18,196 10	30,397 8	558 0	43,566 2

STATEMENT OF REVENUE ASSESSED DURING THE YEAR 1944-45

Serial No.	Name of Scheme	BULK		Total columns 8 to 16	RENT OF BUILDINGS		Sundry receipts
		Service	Meter		Cash or Adjustments	Through salary bills	
1	2	15	16	17	18	19	20
		Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.

PART II—SUBSIDIARY

1	Renala Hydro-Electric Installation	662 4	27 0	1,239 13	..	1,639 7	430 14
	Total Part II	662 4	27 0	1,239 13	..	1,639 7	430 14

PART III—BULK

1	North-Western Railway, Moghalpura	..	..	..	..	..	0 15
2	Municipal Committee, Amritsar	..	..	..	..	..	..
3	Kapurthala	..	189 0	189 0	..	..	..
4	Jullundur Electric Supply Company	..	179 4	179 4	..	..	5 0
5	Phagwara	..	187 8	187 8	..	..	..
6	Hamira	..	36 1	36 1	..	..	7 4
7	Lahore Electric Supply Company	..	..	..	..	..	..
	Total Part III	..	591 13	591 13	..	..	13 3

PART IV—GENERAL REVENUE

1	Resident Engineer Jogindarnagar	..	..	277 8	..	4,914 14	3,686 2
2	Amritsar Division	..	..	..	..	1,998 4	-7,150 4
3	Dharamsala Division	..	..	..	..	1,430 3	22,666 12
4	Lyallpur Division	..	..	..	..	2,745 10	..
5	Ludhlana Division	..	..	..	..	1,591 3	1,735 4
6	Lahore Division	..	..	..	..	3,050 2	2,947 14
7	Independent 'C' 1st Sub-Division	..	..	..	..	..	3,625 1
8	Independent 2nd Sub-Division	..	..	..	..	..	1 15
9	Stores Office	..	..	..	..	..	30,807 10
10	Tower Repairs Division	..	..	..	..	..	453 4
	Total Part IV	..	..	277 8	..	15,760 4	58,673 10
	Total Parts I to IV	3,416 14	2,156 9	2,49,106 2	..	18,342 13	46,489 12

—CONCLUDED

Recovery of Expenditure	Total other items, 17—21	Deduct—REFUNDS		Total columns 23-24	Net assessment, 7+22—25	Revenue assessed during 1943-44	Revenue realized during 1944-45	Revenue realized during 1943-44
		Refunds	Bad debts written off					
21	22	23	24	25	26	27	28	29
Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.

CHHEM—concluded

..	3,310 2	1 8	..	1 8	1,80,772 15	1,74,901 2	1,59,433 8	1,84,288 3
..	3,310 2	1 8	..	1 8	1,80,772 15	1,74,901 2	1,59,433 8	1,84,288 3

SUPPLY CONSUMERS—concluded

..	0 15	..	..	..	3,45,560 7	3,42,519 3	3,44,948 13	3,43,753 6
..	..	..	..	..	4,86,779 10	4,74,647 7	4,83,759 10	4,74,642 7
..	189 0	..	..	..	40,765 0	26,909 0	40,765 0	29,322 6
..	184 4	..	..	..	1,80,579 0	1,60,370 0	1,80,844 0	1,60,405 0
..	187 8	..	..	..	37,081 0	6,334 0	37,981 0	16,556 0
..	43 5	443 0	..	443 0	15,445 10	5,154 4	15,445 8	5,154 4
..	..	17,873 14	..	17,873 14	1,83,583 11	..	1,83,419 4	..
..	605 0	18,316 14	..	18,316 14	12,90,694 6	10,15,933 14	12,90,163 3	10,29,832 11

FROM THE DIVISIONS—concluded.

..	8,878 8	34 2	..	34 2	10,445 5	10,371 3	10,211 8	10,211 8
..	-5,152 0	..	..	..	-5,152 0	6,186 8	-5,484 13	6,365 9
..	24,126 15	1 15	..	1 15	24,125 0	6,681 13	24,148 1	6,823 15
..	2,745 10	..	..	..	2,745 10	3,319 10	2,540 4	3,332 14
..	3,326 7	13 12	..	13 12	3,312 11	7,090 7	3,299 14	7,095 1
..	5,998 0	50 0	..	50 0	5,948 0	8,312 11	5,784 7	7,380 14
..	3,525 1	..	..	..	3,525 1	7,712 2	3,525 1	7,712 2
..	1 15	..	..	..	1 15	..	1 15	..
..	30,807 10	..	..	..	30,807 10	39,569 1	30,807 10	39,569 1
..	453 4	..	..	..	453 4	442 7	453 4	442 7
..	74,711 6	99 13	..	99 13	76,212 8	80,685 14	75,287 3	88,938 7
..	3,53,938 11	25,764 8	592 12	26,357 4	61,96,743 1	52,66,404 14	61,65,315 11	50,18,295 8

