



**MUNICIPAL LIGHT & POWER UTILITY**

MUNICIPAL LIGHT AND POWER  
1976-1981 C.I.P.

The Capital Improvement Program for the Municipal Light and Power Department reflects the goals of the Department to maintain continued reliable electric service and to provide for anticipated future load growth and demands upon the electric utility.

Based on current growth, studies indicate that no new generation after that proposed in the Capital Improvement Budget would be required until 1985; however, should growth increase or if present growth rates continue indefinitely, capacity in addition to that budgeted would be required in the early 1980's. It must be noted that these projections do not include provisions for new technology or radical increases in fuel costs which could mandate other sources of electric generation, such as hydroelectric power or geothermal generation.

In order to maintain long-term solvency, depreciation funds must be used to finance part of the Capital Improvement Program. The remainder of Capital Improvement funds will come from electric revenue bond sales. The actual distribution of depreciation would be determined based upon bond sales.

The following estimates are based upon known facts as they exist at the time; however, it must be noted that the dynamic changes occurring in the electric utility industry could, and may in fact, materially effect changes in the long-term projections as presented.

FUNDING MUNICIPAL LIGHT & POWER C.I.P. (in thousands)

	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>Total</u>
Revenue Bonds Authorized	5,854	46					5,900
Revenue Bonds Not Authorized		8,347					8,347
Depreciation Funds	<u>1,504</u>	<u>1,590</u>	<u>1,310</u>	<u>2,056</u>	<u>1,303</u>	<u>1,344</u>	<u>9,107</u>
<b>TOTAL</b>	<u><u>7,358</u></u>	<u><u>9,983</u></u>	<u><u>1,310</u></u>	<u><u>2,056</u></u>	<u><u>1,303</u></u>	<u><u>1,344</u></u>	<u><u>23,353</u></u>

CITY OF ANCHORAGE

DATE June 12, 1975

DEPARTMENT OF Municipal Light (1)  
and Power  
CAPITAL IMPROVEMENT PROGRAM

SUMMARY OF CIP Projects (2)

DESCRIPTION (3)	TOTAL PROJECT COST (4)	TO BE FUNDED IN THOUSANDS (5)					(6)	(7)	(8)	(9)	(10)	(11)
		G/O BONDS	REVENUE BONDS	FEDERAL	STATE	OTHER	1976	1977	1978	1979	1980	1981
<b>GENERATION</b>												
Turbine 6	3,355		3,355				3,355					
Engr Turbine 7	315		315				315					
Turbine 7	6,000		6,000					6,000				
Switch Yard P. 2	880		880				230	650				
Generation TOTAL	10,550		10,550				3,900	6,650				
<b>SUBSTATIONS</b>												
Transmission	1,150						350	400	100	100	100	100
Distribution	2,316					1,150	636	690	50	840	50	50
Telemetering	18					2,316	18					
Substation TOTAL	3,484					18	1,004	1,090	150	940	150	150
115/34.5 kv Overhd						3,484						
Circuits	1,230		30			1,200	500	530	50	50	50	50
Sectional Switches	51		51			0	51					
115/34.5 kv TOTAL	1,281		81			1,200	551	530	50	50	50	50
7.2/12.5-2.4/4.16 OHD	240		120			120	70	50	30	30	30	30
<b>RESIDENTIAL U.G.</b>												
	360		120			240	60	60	60	60	60	60
<b>COMMERCIAL U.G.</b>												
	950		500			450	250	250	150	100	100	100
<b>DOWNTOWN U.G.</b>												
	2,074		1,054			1,020	854	200	220	240	270	290
TOTAL (12)	SEE PAGE 2											
OTHER SOURCE OF FUNDS (13)			COMMENTS (14)									

## CITY OF ANCHORAGE

DATE June 12, 1975

DEPARTMENT OF Municipal Light (1)  
and Power  
CAPITAL IMPROVEMENT PROGRAM

## SUMMARY OF CIP Projects (2)

DESCRIPTION (3)	TOTAL PROJECT COST (4)	TO BE FUNDED IN THOUSANDS (5)						(6)	(7)	(8)	(9)	(10)	(11)
		G/O BONDS	REVENUE BONDS	FEDERAL	STATE	OTHER		1976	1977	1978	1979	1980	1981
<u>STREET LIGHTS</u>													
Downtown & Arterial	600		200			400		100	100	100	100	100	100
Residential & Misc	300		100			200		50	50	50	50	50	50
<u>LAND &amp; LAND RIGHTS</u>	150		50			100		25	25	25	25	25	25
<u>TRANSFORMERS &amp; CAPACITORS</u>	1,310		442			868		229	213	215	216	218	219
<u>METERS</u>													
Std. Meters	300		100			200		50	50	50	50	50	50
Automatic Meter Reading Devices	250		250			0			250				
Meters TOTAL	550		350			200		50	300	50	50	50	50
<u>NEW SERVICES</u>	900		300			600		150	150	150	150	150	150
<u>TOOLS, EQUIPMENT &amp; FURNITURE</u>	355		130			225		65	65	60	45	50	70
<u>GENERAL PLANT</u>	250		250			0			250				
<b>TOTAL</b>	<b>23,354</b>		<b>14,247</b>			<b>9,107</b>		<b>7,358</b>	<b>9,983</b>	<b>1,310</b>	<b>2,056</b>	<b>1,303</b>	<b>1,344</b>
OTHER SOURCE OF FUNDS (12)		COMMENTS (13)											
SEE COMMENTS		Estimated \$1.5 to \$2.0 million of depreciation funds per year would be utilized for CIP.											

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title				(3) Priority Number
		Municipal Light & Power			Generation				
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirments in Thousands				
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements		11,200		4,550	6,650				
(16) Other									
TOTAL		11,200		4,550	6,650				
(17) Estimate Cost by Source of Funds									
Code	Fund Title								
	ELECTRIC BOND	11,200		4,550	6,650				
	TOTAL	11,200		4,550	6,650				

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code \_\_\_\_\_  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_

(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues
List Programs(s) Affected	First Year	NO CHANGE				
	Full Year					

(26) Project Description and Justification (Continue on Additional Sheets, Same size)  
 Additional generating capacity to meet estimated 12% per year load growth and increase fuel economies of generation.  
 1976 - Erect and complete waste heat unit no. 6. \$3,355,000  
 1976 - Build electric switch yard for plant # 2. \$230,000  
 1976 - Engineering and write specifications for gas turbine # 7, plant # 2, to insure reliability of unit # 6 waste heat. \$315,000  
 1977 - Build and complete gas turbine # 7. \$600,000  
 1977 - Build and complete switch yard and substation at plant # 2. \$650,000

CAPITAL PROJECT ESTIMATE	(1) Department and Division			(2) Project Title					(3) Priority Number
	Municipal Light and Power			Substations					
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirements in Thousands					
				1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)	
(12) Equip. (Movable)									
(13) Land									
(14) Buildings									
(15) Other Improvements	3,484		1,004	1,090	150	940	150	150	
(16) Other									
TOTAL	3,484		1,004	1,090	150	940	150	150	
(17) Estimate Cost by Source of Funds									
Code	Fund	Title							
	DEPRECIATION		3,484	1,004	1,090	150	940	150	150
	TOTAL		3,484	1,004	1,090	150	940	150	150

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code \_\_\_\_\_  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_

(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues
	List Programs(s) Affected	First Year				
	Full Year					

(26) Project Description and Justification (Continue on Additional Sheets, Same size)  
 Expansion of facilities to meet estimated load growth.  
 1976 - Addition of new transmission and distribution substations, telemetering.  
 1977 - Addition of new distribution substation.  
 1978 - Normal annual improvements to existing substations  
 1979 - Addition of new distribution substation.  
 1980 - Normal annual improvements to existing substations.  
 1981 - Normal annual improvements to existing substations.

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title				(3) Priority Number
		Municipal Light & Power			115/34.5 kv overhead system				
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirments in Thousands				
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements		1,281		551	530	50	50	50	50
(16) Other									
TOTAL		1,281		551	530	50	50	50	50
(17) Estimate Cost by Source of Funds									
Code	Fund Title								
	ELECTRIC BOND	81		51	30				
	DEPRECIATION	1,200		500	500	50	50	50	50
	TOTAL	1,281		551	530	50	50	50	50

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code \_\_\_\_\_  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_

(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues
List Programs(s) Affected	First Year					
	Full Year					

(26) Project Description and Justification (Continue on Additional Sheets, Same size)

Additions to and improvement of 115/34.5 kv overhead system and conversion of 34.5 kv circuits to 115 kv to carry estimated future loads.

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title				(3) Priority Number
		Municipal Light & Power			7.2/12.5-2.4/4.16 kv overhead sys.				
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirments in Thousands				
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)
(12) Equip. (Movable)									
(13) Land									
(14) Buildings									
(15) Other Improvements		240		70	50	30	30	30	30
(16) Other									
TOTAL		240		70	50	30	30	30	30
(17) Estimate Cost by Source of Funds									
Code	Fund Title								
	ELECTRIC BOND	120		70	50				
	Depreciation	120				30	30	30	30
	TOTAL	240		70	50	30	30	30	30

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code \_\_\_\_\_  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_

List Programs(s) Affected	(25) Effect on Budget		Salaries & Wages	Other Objects	Total Cost	Revenues
	Years	Man Years				
	First Year					
	Full Year					

(26) Project Description and Justification (Continue on Additional Sheets, Same size)  
 Continuing program to construct new feeders and upgrade existing feeders to meet estimated load growth.



CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title					(3) Priority Number
		Municipal Light & Power			Residential Underground					
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirements in Thousands					
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)	
(12) Equip. (Moveable)										
(13) Land										
(14) Buildings										
(15) Other Improvements		360		60	60	60	60	60	60	60
(16) Other										
TOTAL		360		60	60	60	60	60	60	60
(17) Estimate Cost by Source of Funds										
Code	Fund Title									
	ELEC. BOND	120		60	60					
	DEPRECIATION	240				60	60	60	60	60
	TOTAL	360		60	60	60	60	60	60	60

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code \_\_\_\_\_  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_

(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues
List Programs(s) Affected	First Year					
	Full Year					

(26) Project Description and Justification (Continue on Additional Sheets, Same size)

This program provides for furnishing underground distribution systems in new subdivisions, to existing residences and to underground conversions. These estimates are difficult to make with accuracy.

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title				(3) Priority Number
		Municipal Light & Power			Commercial Underground				
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirments in Thousands				
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements		950		250	250	150	100	100	100
(16) Other									
TOTAL		950		250	250	150	100	100	100
(17) Estimate Cost by Source of Funds									
Code	Fund Title								
	ELEC. BOND	500		250	250				
	DEPRECIATION	450				150	100	100	100
	TOTAL	950		250	250	150	100	100	100

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code \_\_\_\_\_  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_

(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues
List Programs(s) Affected	First Year					
	Full Year					

(26) Project Description and Justification (Continue on Additional Sheets, Same size)

This program provides for furnishing underground services to new commercial establishments and to underground conversions.

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title					(3) Priority Number
		Municipal Light & Power			Downtown Underground					
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirments in Thousands					
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)	
(12) Equip. (Moveable)										
(13) Land										
(14) Buildings										
(15) Other Improvements		2,074		854	200	220	240	270	290	
(16) Other										
TOTAL		2,074		854	200	220	240	270	290	
(17) Estimate Cost by Source of Funds										
Code	Fund Title									
	ELEC. BOND	1,054		854	200					
	DEPRECIATION	1,020				220	240	270	290	
	TOTAL	2,074		854	200	220	240	270	290	

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code \_\_\_\_\_  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_

(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues
List Programs(s) Affected	First Year					
	Full Year					

(26) Project Description and Justification (Continue on Additional Sheets, Same size)

This program provides for increasing the capacity of the downtown underground system by converting existing circuits to higher voltage, by adding additional circuits by establishing an underground duct and vault system and by effecting other improvements necessary to meet estimated load growth.

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title				(3) Priority Number
		Municipal Light & Power			Downtown & Arterial Street Lights				
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirments in Thousands				
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements		600		100	100	100	100	100	100
(16) Other									
TOTAL		600		100	100	100	100	100	100
(17) Estimate Cost by Source of Funds									
Code	Fund Title								
	ELEC. BOND	200		100	100				
	DEPRECIATION	400				100	100	100	100
	TOTAL	600		100	100	100	100	100	100

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code \_\_\_\_\_  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_

(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues
	List Programs(s) Affected	First Year				
	Full Year					

(26) Project Description and Justification (Continue on Additional Sheets, Same size)

This is a continuing program involving both City and State participation.

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title				(3) Priority Number
		Municipal Light & Power			Residential & Misc. Street Lights				
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirments in Thousands				
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)
(12) Equip. (Movable)									
(13) Land									
(14) Buildings									
(15) Other Improvements		300		50	50	50	50	50	50
(16) Other									
TOTAL		300		50	50	50	50	50	50
(17) Estimate Cost by Source of Funds									
Code	Fund Title								
	ELEC. BOND	100		50	50				
	DEPRECIATION	200				50	50	50	50
	TOTAL	300		50	50	50	50	50	50

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code \_\_\_\_\_  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_

(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues
List Programs(s) Affected	First Year					
	Full Year					

(26) Project Description and Justification (Continue on Additional Sheets, Same size)

The requirements for this continuing program are established, primarily, by the Traffic Engineer. It may be subject to participation by local improvement districts.

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title				(3) Priority Number
		Municipal Light & Power			Land and Land Rights				
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirments in Thousands				
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)
(12) Equip. (Movable)		150		25	25	25	25	25	25
(13) Land									
(14) Buildings									
(15) Other Improvements									
(16) Other		150		25	25	25	25	25	25
TOTAL									
(17) Estimate Cost by Source of Funds									
Code	Fund Title								
	ELEC. BOND	50		25	25				
	DEPRECIATION	100				25	25	25	25
	TOTAL	150		25	25	25	25	25	25

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code \_\_\_\_\_  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_

(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues
	List Programs(s) Affected	First Year				
	Full Year					

(26) Project Description and Justification (Continue on Additional Sheets, Same size)

This program covers the acquisition of easements, permits and miscellaneous small plots. It does not cover major land acquisitions for generating plants, substations, etc., which are included in the estimates applicable to those projects.

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title					(3) Priority Number
		Municipal Light and Power			Transformers					
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirments in Thousands					
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)	
(12) Equip. (Moveable)										
(13) Land										
(14) Buildings										
(15) Other Improvements		1,310		229	213	215	216	218	219	
(16) Other										
TOTAL		1,310		229	213	215	216	218	219	
(17) Estimate Cost by Source of Funds										
Code	Fund Title									
	ELEC. BOND	442		229	213					
	DEPRECIATION	868				215	216	218	219	
	TOTAL	1,310		229	213	215	216	218	219	
(18) Gross Floor Area _____ Sq. Ft.		(19) Building Cost Per Sq. Ft. \$ _____		(20) Project Status Code _____						
(21) Architectural and Engineering Fees: _____		(22) Percent of Building Cost _____ %		(23) Estimated Start Date _____		(24) Estimated Completion Date _____				
(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues				
List Programs(s) Affected	First Year									
	Full Year									
(26) Project Description and Justification (Continue on Additional Sheets, Same size)										
Annual requirements for capacitors and distribution transformers needed to serve new customers and replace worn-out equipment.										

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title				(3) Priority Number
		Municipal Light & Power			Meters				
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirments in Thousands				
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)
(12) Equip. (Movable)									
(13) Land									
(14) Buildings									
(15) Other Improvements		550		50	300	50	50	50	50
(16) Other									
TOTAL		550		50	300	50	50	50	50
(17) Estimate Cost by Source of Funds									
Code	Fund Title								
	ELEC. BOND	350		50	300				
	DEPRECIATION	200				50	50	50	50
	TOTAL	550		50	300	50	50	50	50

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code \_\_\_\_\_  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_

(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues
List Programs(s) Affected	First Year					
	Full Year					

(26) Project Description and Justification (Continue on Additional Sheets, Same size)

Annual requirements for meters to serve new customers and replace worn-out meters. In 1977 some automatic metering equipment will be installed on a pilot basis to establish criteria and costs for a future complete automatic metering system.



CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title					(3) Priority Number
		Municipal Light & Power			New Services					
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirments in Thousands					
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)	
(12) Equip. (Moveable)										
(13) Land										
(14) Buildings										
(15) Other Improvements		900		150	150	150	150	150	150	150
(16) Other										
TOTAL		900		150	150	150	150	150	150	150
(17) Estimate Cost by Source of Funds										
Code	Fund Title									
	ELECT. BOND	300		150	150					
	DEPRECIATION	600				150	150	150	150	150
	TOTAL	900		150	150	150	150	150	150	150

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code \_\_\_\_\_  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_

(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues
	List Programs(s) Affected	First Year				
	Full Year					

(26) Project Description and Justification (Continue on Additional Sheets, Same size)

Annual requirements to meet estimated growth in numbers of customers.

CAPITAL PROJECT ESTIMATE	(1) Department and Division			(2) Project Title					(3) Priority Number
	Municipal Light & Power			Tools, Equipment & Furniture					
Estimated Cost by Object	Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirments in Thousands					
				1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)	
(12) Equip. (Moveable)	205		25	35	35	25	40	45	
(13) Land									
(14) Buildings									
(15) Other Improvements	150		40	30	25	20	10	25	
(16) Other									
TOTAL	355		65	65	60	45	50	70	
(17) Estimate Cost by Source of Funds									
Code	Fund	Title							
	ELECTRIC BOND		130	65	65				
	DEPRECIATION		225			60	45	50	
	TOTAL		355	65	65	60	45	70	

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code \_\_\_\_\_  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_

(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues
	First Year					
List Programs(s) Affected	Full Year					

(26) Project Description and Justification (Continue on Additional Sheets, Same size)

(12) Equipment (line trucks, backhoes, trenching equipment) for replacement of existing and new equipment for increased efficiency.

(15) 1976 - new map making machine.

(15) 1976 - 1981 - normal office equipment, radios, tools, etc.

CAPITAL PROJECT ESTIMATE		(1) Department and Division			(2) Project Title				(3) Priority Number
		Municipal Light & Power			General Plant				
Estimated Cost by Object		Estimated Total Cost (4)	Approp. Prior Years (5)	New Appropriation 1976 (6)	Estimated Requirements in Thousands				
					1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)
(12) Equip. (Moveable)									
(13) Land									
(14) Buildings									
(15) Other Improvements		250			250				
(16) Other									
TOTAL		250			250				
(17) Estimate Cost by Source of Funds									
Code	Fund Title								
	ELECTRIC BOND	250			250				
	TOTAL	250			250				

(18) Gross Floor Area \_\_\_\_\_ Sq. Ft. (19) Building Cost Per Sq. Ft. \$ \_\_\_\_\_ (20) Project Status Code \_\_\_\_\_  
 (21) Architectural and Engineering Fees: \_\_\_\_\_ (22) Percent of Building Cost \_\_\_\_\_ %  
 (23) Estimated Start Date \_\_\_\_\_ (24) Estimated Completion Date \_\_\_\_\_

(25) Effect on Budget	Years	Man Years	Salaries & Wages	Other Objects	Total Cost	Revenues
List Programs(s) Affected	First Year					
	Full Year					

(26) Project Description and Justification (Continue on Additional Sheets, Same size)  
 1977 - Purchase of warehouse area and improvements of existing facilities.