THE MORNING STAR, WILMINGTON, N. C., THURSDAY, DECEMBER 18, 1918.

STATEMENT OF MR. HUGH MacRAE

President of The Tide Water Power Co.

At Meeting of City Council Yesterday With Reference to Commercial and Municipal Lighting-Report on Fayetteville Municipal Lighting Plant by Mr. Raymond Hunt.

the members of this Council, repretion furnished them by others.

PAGE 2

the country five or ten years ago about in sympathy with municipal owner-municipal lighting plants. The submunicipal lighting plants. The subject was carefully studied and experiments tried both in this country and clusion that it is a failure. abroad. A commission which was sent from the United States to study large majority of the citizens favored the subject of municipal lighting and water plants. One voter wrote plants of Europe returned and report- | on his ticket, "Can't sell; give it away ed that the sentiment there after long and stop expense.'

I have asked Councilman Wood private corporation would have gone certain questions in order to clarify the atmosphere so that I might talk directly to the point. I believe that to-date and absolutely efficient. "Municipal ownership is not the senting as they do the best interests success it should be because too little of all of the citizens of Wilmington, attention is paid it by those govern-ing the city. There are a great many will be free from prejudice, and will towns in this State that own the pubavoid being influenced by preconceiv- lic utilities, and there is only one of ed ideas which may have been based them that, to my knowledge, broke on incomplete or erroneous informa- even last year, at the same time rendering service that the people de-

on that part of the plant necessary to run the arc lamps, depreciation at 5 manded. In this connection I will There was much talk throughout state that at one time I was heartily per cent. on the same, proportional taxes, and the pole taxes) \$37.90 per arc: total \$71.85 per arc. The loss to the Tide Water Power Co. of \$14.85 as a result of bad management and per arc on 125 lamps is a total loss of \$1,856.25. The cost of Tungsten inattention, I have come to the conlights figured out in the same man-A soap box primary showed that a ner, show a cost of \$9.60 per light per year and the company receives \$10.30 per light per year, or a profit of 70 cents per light on 611 lights, making a gain of \$427.70. This leaves a net

ing, etc.) \$6.60 per arc;

shows the plant expense (which in- city at a cost of \$665 more than the cost would have been at the rates cludes fuel, repairs, labor, etc.) \$13.60 per arc; general and distribu- which the Tide Water Power Co. furnishes similar lights to the city of tion expense (which includes store room expense, accidents, damage, su-Wilmington. perintendence, insurance, bookkeep-

2. The disbursements for the year investment were \$14,070.83, as shown by the comexpense (which includes 6 per cent. pany's statement. Included in these disbursements is the item of \$7,050.55 for electric power, which was pur chased of the Fayetteville Traction Co at 1 cent per kw. This rate is less than half the proper rate which should have been paid for power, and it resulted in ruining the Traction Company which was sold out at auction day before yesterday. In estimating therefore the results of the Fayetteville proposition, you should include both companies-the one furnishing the power, which was sold out loss on the combined arcs and Tung-stens of \$1,428.55. The figures sub-mitted mark the power, which was supposed to have made a profit of about \$14,000. Further careful investigation.

REPORT ON THE FAYETTEVILLE MUNICIPAL PLANT. (By Raymond Hunt.)

much so that the Gas company selling illuminating gas at \$1.75 per thousand (as compared with Wilmington's rate of \$1.25 per thousand) has a good November 19th, 1913. share of the lighting business.

The commission, therefore, is called

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loca-

upon to solve this situation. There

are three solutions discussed:

The following tabulations are taken from the printed statements of the Commission for the year 1913:

ELECTRIC LIGHT PLANT.

Purchase the current from the Caro-Receipts: To July 1st, 1913. lina Light & Power Company, who already have a sub-station in Fayette-Collections Private Consumers\$23,211.94 ville, and supply power to three or 17.70 four cotton mills. This company of-Merchandise Sold City Subscription for Lights ... 5,447.50 fers to supply current to the city at 1-2 cents per K. W. Hr., which is 2 Total income \$ 28,677.14 1-2 times ...e present cost; or, Disbursements: To July 1st, 1913 (2) Increase the size of their pres-Inc ndescent Lam 70.30 ent steam plant, which would be very Supplies ... 1,324.19 unwise as there is no condensing wa-Insurance ... 81.07 ter available, poor facilities for hand-Electric power 7,050.55 ··· · · (1C.) ling coal, and consequently an eco-Freight and Drayage Salaries, Wages and Extra Labor nomical plant cannot be built at the 3,219.98 present site; or. Repairs and Duplicate Parts ... (3) Purchase or lease an entirely Street Lamps and Repairs ... 398.03 Miscellaneous 52.0150 Per Cent. of Office Expense ... 1 306.62 Oil and W. ste

new site and scrap the old steam plant, and build a new power house. The latter solution has been decided

pally managed lighting plants. this country perhaps from 90 to 95 per cent of all of the progressive cities in the United States are lighted by private corporations. Had municipal lighting plants been better for the citlighting plants been better for the citizens than the privately owned plants, undoubtedly progressive cities like Atlanta, Charlotte, Richmond, Baltimore, Philadelphia, New York and Boston, would have adopted them. There are, of course, exceptions to all rules, but these exceptions can be covered with 5 per cent. of the total number, and the 95 per cent. establishes the rule.

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It is true that towns which are too small to prove attractive to private investors, are often lighted by small years. There is not a man connected municipally owned plants; and in some cases especially where nearby Board of Directors could be replaced some cases especially where hearby water powers were available, they have been operated successfully. I have here a book containing a list of 208 defunct municipal lighting plants in the Widdle interview of the company's prop-Western States where the idea has been more frequently tried out than elsewhere, and where the people are far more progressive and up-to-date in legislation than in the older States. the failures have been in the greatest number. They have adopted as a better and more effective plan the privately owned lighting corporations, under the control of public service commissions which can prevent unreasonable charges and compel good

In this connection I was told by the Commissioner of Corporations of the United States, within the past two weeks, that, in the Western State from which he came, when a public service corporation placed itself un-der the corporation commission it was immediately given an exclusive and indeterminate or perpetual franchise. In other words no competition was allowed; but the rates and the service were under the control of the commission.

Last year, at our request, the Public Utility Corporations of North Carolina were placed under control of the Corporation Commission.

I will refer to a few of the municipally operated plants in North Car-

olina which have been abandoned: Goldsboro, N. C.—In the Electrical World of May 18, 1912, it was stated that the municipal electric light plant Goldsboro, N. C.—In the Electrical World of May 18, 1912, it was stated that the municipal electric light plant has been purchased by the Carolina Power Company, of Raleigh, for \$125,-000 (which includes a company, of Power State and Sold throughout Pennsyl-vania, New York and New England by 000, 'which includes a 60-year franchise for lighting the city and for fur-

ments. "The consumers had to pay more was destroying these corporations and for light than under private manage- doing the city no good; in fact, those ment. Altogether the service was un- of you who can remember these consatisfactory.'

Gastonia, N. C.-The mayor writes ton was then a progressive city. The in explanation of the shutting down plants purchased had become so ob-

of the generating plant: "We installed our lighting plant in 1900 and generated our own current operating with the same class of until 1906. At that time we found that equipment, we would be losing money we had outgrown our generating plant and giving such miserable service that and that we could contract for our the public would be justimed in rebelcurrent cheaper than we could install ling against it; but at present there additional apparatus and generate the

competition and failed because of in-efficient management. It is my belief outation and will be sub stantiated. sonable profit is made as we believe charged: through efficiency of management. The prices charged will compare fa. Loss in taxes on \$56,735.67..\$1,540.00 vorably with those of Raleigh, Golds. Loss in license tax 11-4th of ticable to give to any municipal light plant on account of the changes brought about by frequent changes of administration and of policy and the necessity of giving experience to new necessity of giving experience to new men with new theories. The men who are operating the Tide Water furnished for a steam plant is more satisfactory, more continuous, and more to be relied upon than that fur-Power Company today were originally trained or educated for this kind of nished by a water power plant where work, and they have given effective interruptions are frequent and an-continuous service to the company for noying. continuous service to the company for

periods ranging from eleven to 16 In regard to rates for power we can demonstrate that the Tide Water with the company from track hand to Power Co.'s rates will compare famanager who in the opinion of the vorably with those given in Raleigh, Goldsboro and Ashevile. These statements we will be glad to have verified by experts. Under these conditions Mr. Wood has stated he would be satisfied, and examinations of the company's properties made at times when bond issues were offered to bankers. The fact that he invited the Carolina This deduction would leave a net loss same favorable comment has been Light & Power Co. to come to Wil- to the city of Fayetteville for a year's made in regard to the up-to-date and mington. Had they come, obviously operation of \$4,136.17. efficient equipment of the company's the idea of a municipal light plant There are other ite emcient equipment of the companys power house and other property; so that I feel safe in saying that today there is no plant of this size in the Southern States giving the public under similar conditions, better ser-vice at less cost. Messrs. N. W. Hal-sev & Co. Bankers of New York City.

sey & Co., Bankers of New York City, and among the largest distributors of securities in this country, have paid the Tide Water Power Company the compliment of using it as one of ten were built and undertook to do light-ing for private customers, the busi-ness could only be obtained by com-peting with the Tide Water Power Co. At once a fight would be precipi-to the time it is a problem ... know how the money can be raised. From Mr. Hunt's report we note that the prices charged by the city of Fayetteville to its citizens are higher than those

Power Company has helped the finan-cial reputation of the city of Wilming-ton. Mr. Forbes, of N. W. Harris & Co., stated to me that he was largely influenced in purchasing the issue of Wilmington City bonds, at a good price, by the investigations which his experts had made of the Tide Water H Power Co., on a previous occasion. It field water Power Co. have been of the field and sold throughout Pennsyl-ta fered and sold throughout Pennsyl-ta fered and sold throughout Pennsylbankers of high reputation and under Power Co. not been formed with an In regard to the firm of the J. B. their unqualified recommendation. In authorized bond issue of two million McCrary Company from Atlanta, who

formed, it eliminated a fight between ditions will not recall that Wilmingsolete that they were abandoned as soon as possible. If today we were is not a piece of the old plant in ex-

ever, shows that the statement of cost In regard to private lighting a rea-tant items, which should have been

> the amount paid by the Tide Water Power Co., to the city of Wilmington).. Loss in tax on poles (750 poles at 20c)..... Interest on cost of plant 975.00 150.00 (\$56,735) at 5 per cent.... 2,836.78 Depreciation on plant as per Commission's report 2,000,00 Excess paid by the city to

itself for lights 665.00

Amount to be deducted from earnings claimed\$8,166.78

For purposes of comparison there should also be deducted \$10,575.82 (for power at 2 1-2c per kilowat instead of at 1c a kilowat) because in future they will have to pay 2 1-2c per kilowat for power if they buy it his statement is borne out by the from the Carolina Light & Power Co.

There are other items mentioned compliment of using it as one of ten public service corporations in the United States to illustrate well man-aged public service corporations, and stating that securities of this kind were most highly recommended among the classes of investments. To a considerable degree the finan-cial reputation of the Tide Water Power Company has helped the finan-cial reputation of the city of Wilming-ton. Mr. Forbes of N. W. Harris &

their unqualified recommendation. In rescal purposes.' The editor of the Goldsboro Head-light writes as follows: "The local lighting plant was found to be inadequate to present demands, requiring an additional outlay of \$30. 000, which the city did not have to expend. The efficiency of its manage-ment was handicapped by politics. The data to the city of the Consolidated Railways, ment was handicapped by politics. to be invested in the upbuilding of Wilmington. If this credit should be destroyed either temporarily or per-manently by a municipal plant, the investment of this amount of capital in Wilmington, which would be a in Wilmington, which would be a They do not claim that they have 100 great factor in the city's future devel-built plants in any large towns or gill preat factor in the city's future devel-opment, would be lost. Other devel-opments which have been planned in the country around Wilmington, and which are even more important than the development of the Tide Water Power Company, and which are de-pendent upon the success of the Tide pendent upon the success of the Tide seems to be in small towns which are the Water Power Co., would be crippled or abandoned if the Tide Water Pow-age public service corporation of large

		on as the best thing to do; and a loca-
Total Disbursements	\$14,070.85	tion near the railroad track about a
		theen decided on This moone a lange
PROPER DEDUCTIONS FROM NET	, AS SHOWN IN REPORT OF THE	expenditure of new money: and as
CITY OF FA	YETTEVILLE.	there has been no depreciation fund
	1913	or other money set aside from the earnings to provide for this contin-
Loss in Taxes (State, County and Cit		gonov the commission will be a to
Loss-License Tax (privilege) at 1-4	(y) @ \$2.68 on \$56,735.67 1,540.00	borrow money to build the plant. It
Power Co	975.00	has been decided to borrow the money
Loss in Taxes on Poles (in 1913, 75		on long-term notes, which it is hoped) can be done at 5 per cent., or if the
Interest on cost of plant @ 5 per cer	at on \$56,735.67 [*] 2,836.78	
Depreciation on plant as per Comm		notos hooring E nos cont that the
Fayetteville pays itself higher rates	for street Bahting then the	city would pay proportionately higher
T. W. P. Co. charges Wilmington	(1911 and 1912 estimated	prices.
1913 actual figures)	665.00	It is the intention to scrap the en-
		fene present plant except the ars H. F.
Deductions from Earnings	\$ 8,166.78	and install a 500 K. W. steam turbine
Du vooron of contract with Donettowi	Il a Marcalla Ch. 1	plant, equipped with condenser and
By reason of contract with Fayettevi	lie Traction Co., by which cur-	water tube boilers. The old 200 K.
rent has been purchased at 1c. per kw. hr., which contract has		W. unit would then be used in case of breakdowns of the new equipment,
put the Fayetteville Traction Co. in the hands of Receivers,		It is estimated by the commission
and which has made it possible f	or the City of Fayetteville to	that \$35,000 will be required to build
make the above showing. At t	he 2 1-2c rate, charged by the	the new plant. This will mean in-
Southern Power Company to th	e cities of High Point, Greens-	creased interest charges, and increas-
boro, etc., which is the same rat	e that the Carolina L. & P.	ed costs of operation over the present contract price of 1 cent per K. W. Hr.
Co. have quoted the City of Faye	t teville, the incresed expense	The prices now charged by the city
woul d have been:		for light and power are higher than
705055 k. w.hrs. x 11-2c. (The d	ifference) 10,575.82	are charged in Wilmington, and the
		service is not near as satisfactory and
Total deductions on the Basis of Wilmington		From the tabulated figures for the
EXTENSION AND EN	LARGEMENT ACCOUNT.	last three years, the year ending July
Wire and Hardware extending Street	limits 449.54	31st, 1913, made the best showing.
Electric Meters (Factory cost, freigh		The apparent net earnings were \$14,-
Transformers, for new work (Factor	y cost, freight not added) 321.65	606.43; after making the proper deduc- tions for loss in taxes, interest, depre-
Total extensions	\$ 2,097.94	clation and overcharge for street light-
Check to City of Fayetteville		ing, amounting to \$8,166.78, the real
		net earnings were \$6,439.65. This
Toper deductions from Earnings		showing was made possible by reason of the 1 cent per K. W. contract
Net Earnings 6,439.65		Dasis of 2 1-2 cents current (which is
On the basis of 21-2c. current cost, i		the rate charged by the Southern Pow- er Company and the Carolina Light
would be increased		& Power Company, to municipalities).
The fvet Loss would have been		paid \$10,575.82 more for electric cur- rent and would have lost \$4,136.17 on
		last year's operation of the electric
The lighting, power, water and sew-	abled the commission to make fine re-	plant.
age in Fayetteville are owned and	ports. The Traction company, how-	If Fayetteville puts in a new steam
perated by the city. These depart-	ever, has not made enough from the	plant and does not purchase current from the Carolina Light & Power Com-
ents are all under one permanent	contract to keep its plant in repair, so	pany, the city will have interest and
ablic Works Commission, and one	that the city has had to advance more	depreciation on \$35,000 more invest-
perintendent with one force of men,	money for wages and coal used by the	ment. It will also cost more than 1
ns all departments. The plants are	Traction company than the total cost	Surplus current which is not included
erated very economically, if any-	of the current as supplied by the con-	under the 1 cent per K. W. Hr con-
ing too much so, for the best inter-	tract; so that the Traction company	tract.
ts of the city. For instance, negro	instead of receiving anything from the	Furthermore, as both the electric
nemen are employed, and a lower	city for all the current which it has	department and the water and sewer-
te of wages is paid all employes	supplied from its water power, has	same superintendent come force of
an is paid in Wilmington.		laborers, same omce expense, etc., it
The lighting plant was installed in	Cart one supplied for the nowor	is a matter of bookkooping board part.
02 and rebuilt in 1905. It is, however,	The Traction company, therefore, which represents about \$115,000.00 of	each denartment It is therefore
t of date and inadequate to serve	investment, is practically worthlose	DOSSIDIE that some of the profits of
e city's needs. It consists of one	IL Has been through one receivership	the electric department should have
orliss 315 H. P. engine belted to one	and will be sold December 15th of an	gone to the water and sewerage de-
0 K. W. generator. This runs non-	other receiver's sale. The water plant of the Traction company is in bad	partment, as the latter department has made a comparatively poor show-
ndensing as there is no water at	sudpe, the usin is leaking and in had	ing, as the following statement will
e present site. There was also one	repair, the water wheel foundation has	Show:
0 H. P. valve, non-condensing en-	pected to give way at any time.	Water and Sewerage Account for
ne at the electric plant, which was	One of the till a v a transformera	the year Ended July 31st, 1913:
ing moved about two miles out in	at the Fayetteville sub-station is burned out. The only other source of	Disbursements 7,007,71
e country to the waterworks plant.	burned out. The only other source of	
e city is purchasing a small genera-	was the operation of street company.	Apparent Net Earnings for
to belt to the engine to help carry	that has never haid	Year \$ 7105 20
e Winter peak lighting load.	The physical condition of it	Proper Deductions from Above: Loss in taxes at
THE CITY DAS AD INDIGUOL CONTRACT	tion contrany s hight and the fact it	

2.68 on \$130,000 \$ 3,484.00

2,600.00

