

# MAINE STATE LEGISLATURE

The following document is provided by the  
**LAW AND LEGISLATIVE DIGITAL LIBRARY**  
at the Maine State Law and Legislative Reference Library  
<http://legislature.maine.gov/lawlib>



Reproduced from scanned originals with text recognition applied  
(searchable text may contain some errors and/or omissions)

---

---

# Sixty-Eighth Legislature.

---

---

SENATE.

No. 96.

---

---

## STATE OF MAINE.

---

RESOLVE in favor of the Maine Insane Hospital.

---

*Resolved,* That the sum of seventeen thousand five hundred dollars be and hereby is appropriated for and in behalf of the Maine Insane Hospital for the year eighteen hundred and ninety-seven; and seventeen thousand five hundred dollars is hereby appropriated for said hospital for the year eighteen hundred and ninety-eight; the said appropriations to be used for the following purposes: for new boiler building, sixteen thousand dollars; for new boilers, five thousand dollars; for coal pocket, nine thousand dollars; for tramway from wharf to coal pocket, five thousand dollars.

## STATEMENT OF FACTS.

Resolve calls for a new boiler house, smoke stack, coal pocket and tramway.

The present boiler room of the Maine Insane Hospital, was erected many years ago, and while it was sufficiently large at that time for the use of the hospital, it has become inadequate in consequence of the construction of additional wings.

Three of the boilers connected with the heating plant have been in service for more than twenty-one years, and should be supplied by new ones the coming season.

It would not be prudent or economical to replace them by boilers of the same size, namely 50-horse power, which must be done, unless a new boiler room of larger capacity is erected.

It has been estimated by competent and experienced engineers, that modern boilers of much larger capacity will consume thirty-three per cent less coal than the present plant, thereby making a saving during the extreme winter months of more than six tons of coal per day, which is equal to about thirty dollars each day.

Figuring only the extreme winter months, December, January, February and March, this saving would aggregate nearly thirty-six hundred dollars.

The present smoke-stacks, which were erected many years ago for a limited number of boilers, are insufficient in flue capacity, thereby increasing the consumption of coal.

The adjacent coal-shed has become exceedingly dilapidated and it is necessary that it should be replaced by a coal-pocket of at least three times its capacity, and so arranged that the coal can be dumped through the roof.

By this method, a tram-way to be erected and operated by steam or electric power, will take the coal from the vessel at

the hospital wharf, thirteen hundred feet away and deposit it in the coal-pocket.

By a careful estimate of experienced engineers, it has been shown that the cost of discharging and moving the coal from the vessel to the pocket, can be reduced more than fifty per cent.

The present method of discharging and then hauling the coal by teams, is now costing eighty cents per ton, or in other words, the expense based upon the transportation of three thousand tons of coal, which is now costing twenty-four hundred dollars can be reduced to less than twelve hundred dollars by the above method.

Another very important advantage by this method of conveying the coal from the vessel to the coal-pocket at once, will be to remove any possibility of its being carried away by a freshet, a liability that has occurred and menaces the coal pile at all times.

STATE OF MAINE.

---

IN SENATE, February 19, 1897.

Reported by Mr. FERGUSON, from Committee on Insane Hospital,  
and laid on table to be printed under joint rules.

KENDALL M. DUNBAR, *Secretary.*