THE STATE COLLEGIAN

## Additions to the Nittany Power Plant.

The plant of the Nittany Light, Heat, and Power Company has been enlarged during the last few months to provide for some new apparatus which, it i, expected, will be in running order when the college opens after the Christmas holidays

The new apparatus consists of a 110 H. P. Westinghouse three cylinder gas engine, direct connected to a 60 K. W., two phase, 2200 volt Westinghouse alternator; a 150 H. P. new type R. D. Wood suction gas producer, which will utilize pea or buckwheat coal; an R. D. Wood flask boiler for obtaining steam to be used in connection with the producer and for various necessary auxiliary purposes.

With this large increase the plant will have its capacity more than doubled, for at present it consists merely of a 70 H. P. Fairbanks— Morse gas engine with producer, generator, switchboard, etc. It is believed that good service can be rendered for such loads as will be required by the village for some time to come.

One of the reasons for selecting the suction gas producer type of plant was to give experimental apparatus for student work, and at the same time rurnish lighting service to the town. Because of more or less unnecessary interference, this has been found unsatisfactory with the present small unit, but with the additions now made such experimental work will be possible without interference, and should be of much service to those making a special study of gas engines and their commercial use.

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