[Document Name] Abstract

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[Problem to be Solved] The present invention provides a flare gas combustion treatment system capable of combusting a wide range of flare gas, including non-self-combustible flare gas with a small heat generation amount and self-combustible flare gas, and capable of handling an instantaneously fluctuating flow rate of the flare gas while minimizing cost of auxiliary fuel.

[Solution] It is configured that one end of a flare gas line 40 is connected to each of a VDU 1 and an EGF 3, that a supply/shut-off device that allows/shuts off a flow of the flare gas and controls a flow rate of the flare gas is provided in each of the middle of the flare gas line 40 toward the VDU 1 and the middle of the flare gas line 40 toward the EGF 3, that, when the flare gas is subjected to combustion treatment by the VDU 1, an information processor operates the supply/shut-off device for the EGF 3 to close the flare gas line 40 toward the EGF 3, and that, when the flare gas is subjected to the combustion treatment by the EGF 3, the information processor operates the supply/shut-off device for the VDU 1 to close the flare gas line 40 toward the VDU 1 or control the flow rate.

[Selected Drawing] FIG. 1