

FLOATING OFFSHORE FACILITY, ELECTRIC POWER SUPPLY METHOD FOR
FLOATING OFFSHORE FACILITY

ABSTRACT

Electric power generation facilities 40, 50 for supplying electric power to a production facility 30 and to facilities other than the production facility are configured with: a first-group electric power generation facility 40 which supplies electric power to the production facility 30, and which is provided in a production facility area R_p on an upper deck 3; and a second-group electric power generation facility 50 which supplies electric power to facilities other than the production facility, and which is provided in a safety area R_s other than the production facility area R_p . Consequently, the space required for the electric power generation facilities in the production facility area on the upper deck is reduced, whereby the space for the facility for production as an offshore facility is increased, and risks are spread in the event of trouble with the electric power systems of the electric power facilities.

[FIG. 1]