

# UNIT OUTAGE EFFECTS ON ROCKY REACH AND ROCK ISLAND CAPACITIES

## Rocky Reach Capacity

Rocky Reach capacity is approximately 1,255 MW at the plant and 1,277 MW with encroachments. Project capacity will be lower if the headwater reservoir is lower, if the encroachment value is less, or when flows are higher than 200 kcfs.

There is a loss of approximately 15 MW per every foot that the headwater is lower than full.

Decrease in Rocky Reach capacity (MW) for unit outages (includes netted encroachments).

Unit	All Units Avail. (MW)	Reduction in MW for unit outage
C1	107	102
C2	107	102
C3	107	102
C4	107	102
C5	107	102
C6	107	102
C7	107	102
C8	132	127
C9	132	127
C10	132	127
C11	132	127
Sum	1,277	

## Rock Island Capacity

Rocky Island capacity is approximately 501 MW at the plant and 575 MW with encroachments. Project capacity will be lower if the headwater reservoir is lower, if the encroachment value is less, or when flows are higher than 220 kcfs.

There is a loss of approximately 14 MW per every foot that the headwater is lower than full.

Decrease in Rock Island capacity (MW) for unit outages (includes netted encroachments).

Unit	All Units Avail. (MW)	Reduction in MW for unit outage
B1	19.5	16.5
B2	19.5	16.5
B3	19.5	16.5
B4	19.5	16.5
B5	21.5	19.5
B6	21.5	19.5
B7	21.5	19.5
B8	21.5	19.5
B9	21.5	19.5

B10	21.5	19.5
U1	46.0	44
U2	46.0	44
U3	46.0	44
U4	46.0	44
U5	46.0	44
U6	46.0	44
U7	46.0	44
U8	46.0	44
Sum	575	