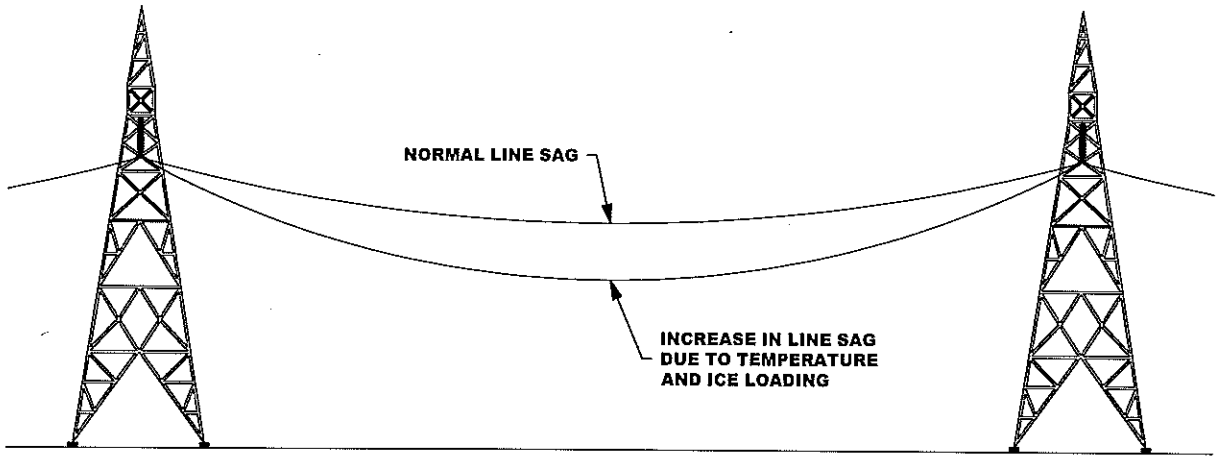
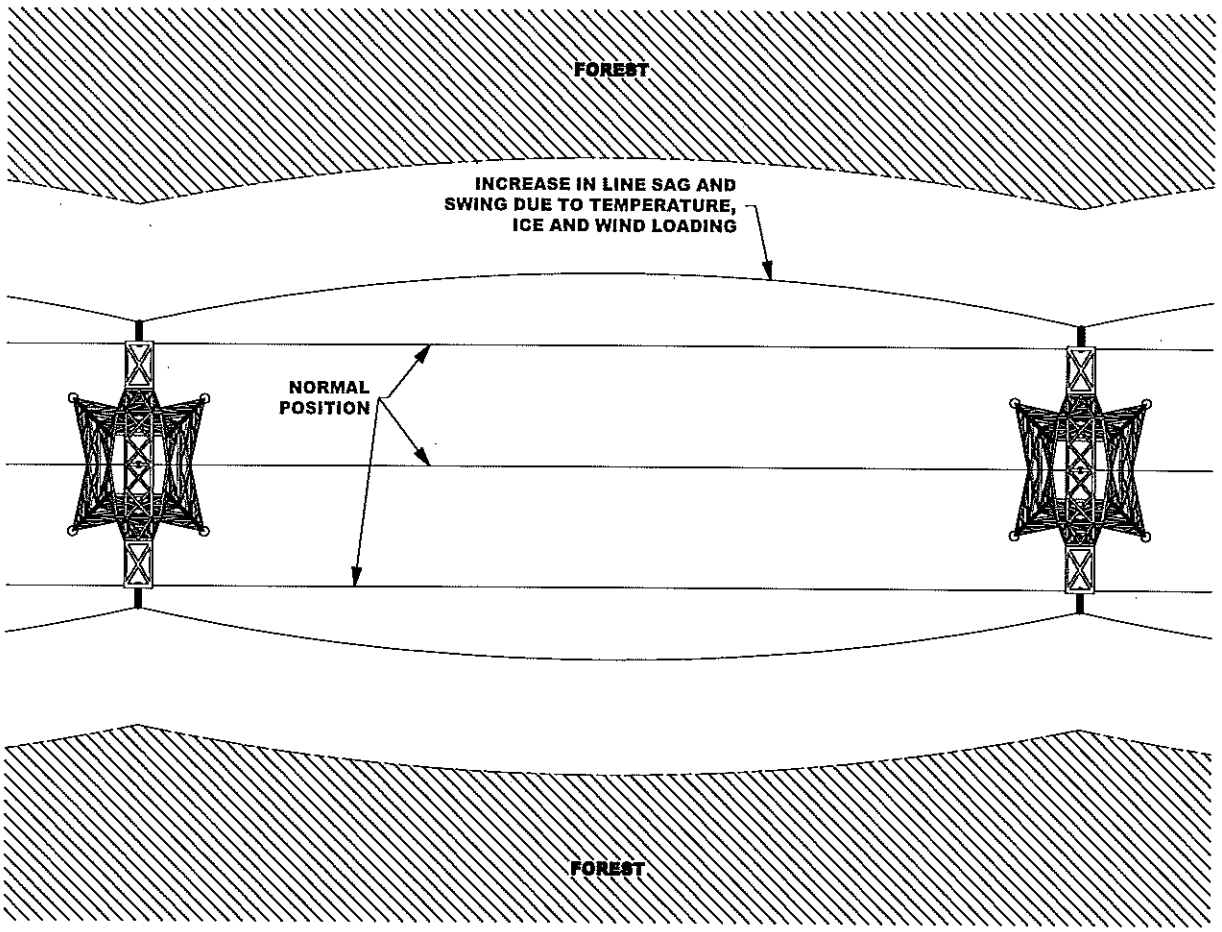
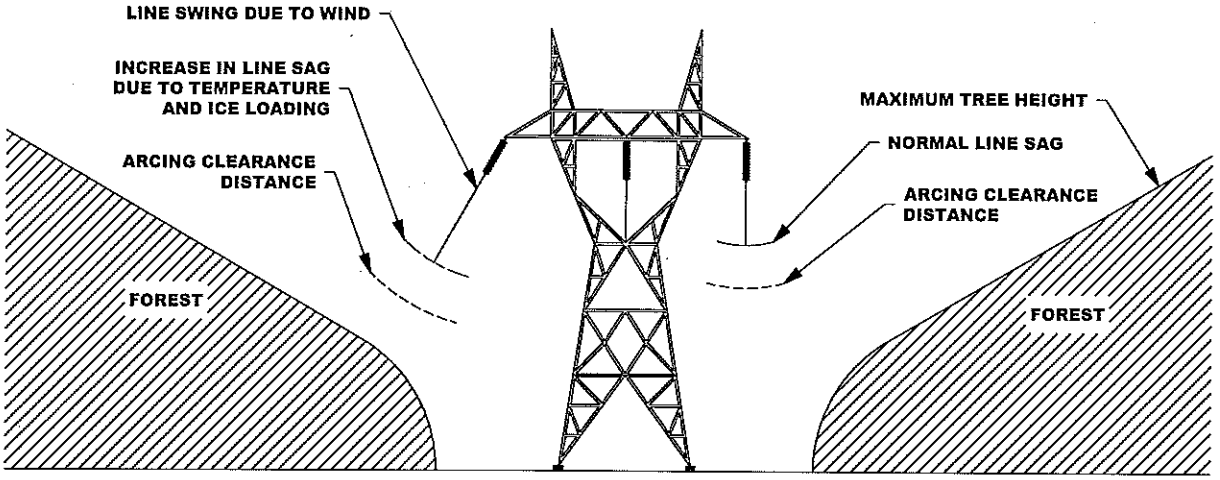
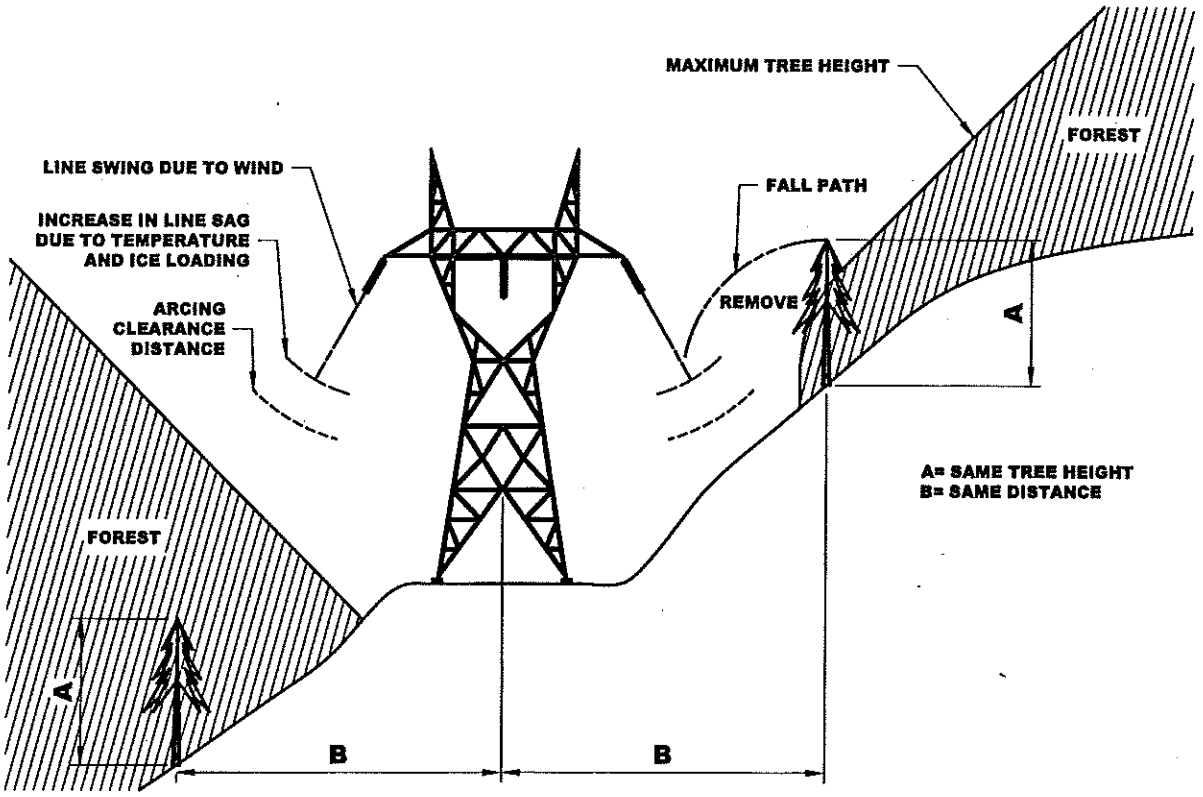
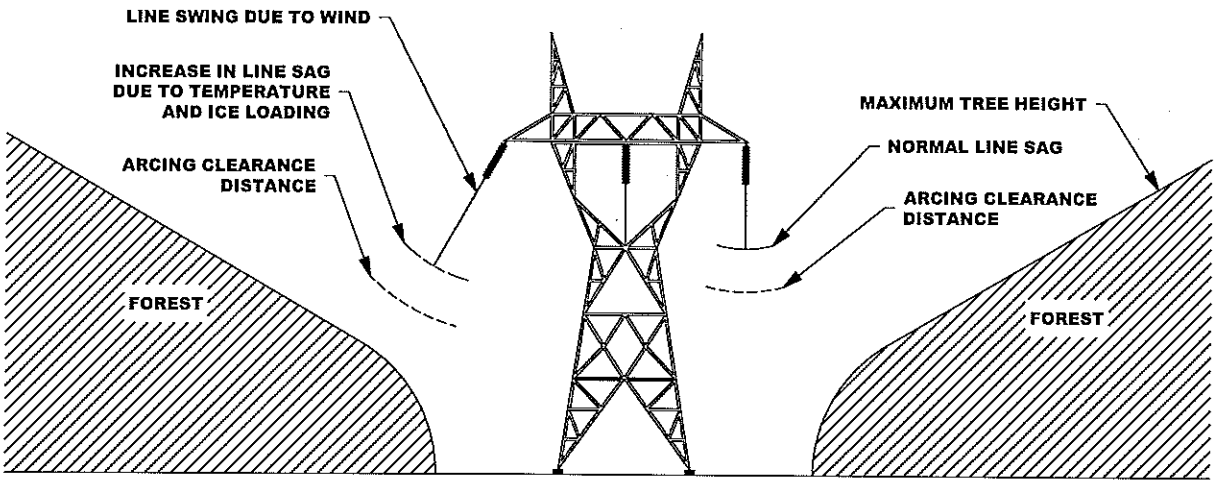
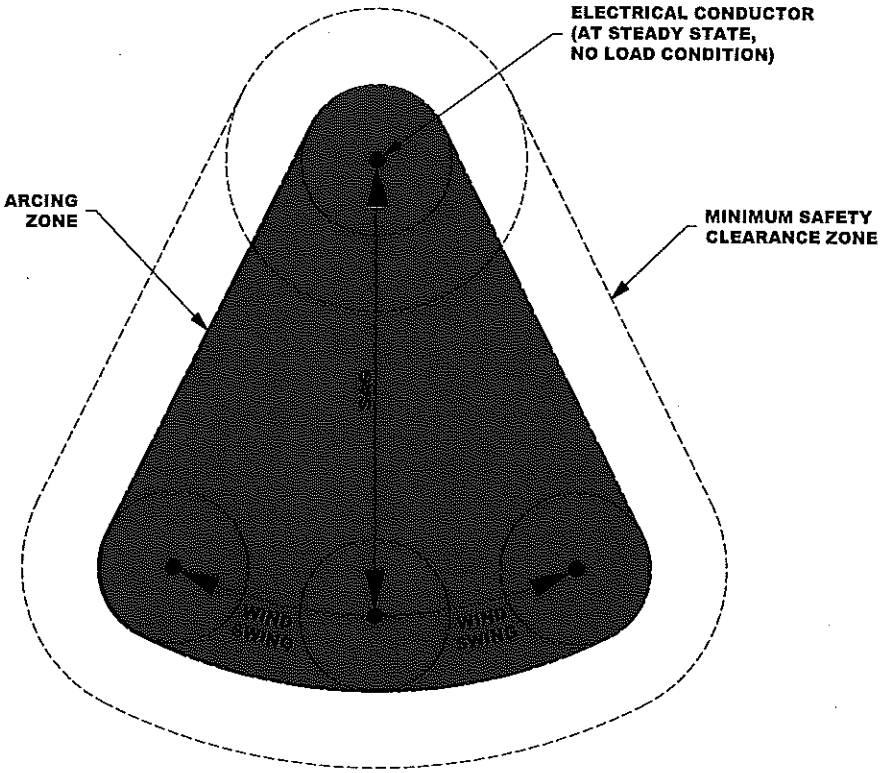

NORMAL LINE SAG
INCREASE IN LINE SAG
DUE TO TEMPERATURE
AND ICE LOADING


FOREST
INCREASE IN LINE SAG AND
SWING DUE TO TEMPERATURE,
ICE AND WIND LOADING
NORMAL
POSITION
FOREST


LINE SWING DUE TO WIND
INCREASE IN LINE SAG DUE TO TEMPERATURE AND ICE LOADING
ARCING CLEARANCE DISTANCE
MAXIMUM TREE HEIGHT
NORMAL LINE SAG
ARCING CLEARANCE DISTANCE
FOREST
FOREST


MAXIMUM TREE HEIGHT
FOREST
LINE SWING DUE TO WIND
FALL PATH
INCREASE IN LINE SAG DUE TO TEMPERATURE AND ICE LOADING
REMOVE
ARCING CLEARANCE DISTANCE
A
A= SAME TREE HEIGHT
B= SAME DISTANCE
FOREST
A
B
B


LINE SWING DUE TO WIND
INCREASE IN LINE SAG DUE TO TEMPERATURE AND ICE LOADING
ARCING CLEARANCE DISTANCE
FOREST
MAXIMUM TREE HEIGHT
NORMAL LINE SAG
ARCING CLEARANCE DISTANCE
FOREST


ELECTRICAL CONDUCTOR (AT STEADY STATE, NO LOAD CONDITION)
ARCING ZONE
MINIMUM SAFETY CLEARANCE ZONE
WIND SWING
WIND SWING