



1. Sample  $P_{CIG}$  and  $P_{SG}$
2. Calculate  $P_D = P_{CIG} + P_{SG}$

if  $P_D < P_D^{min}$

$R_3$  Neglet this point

else if  $P_D > P_D^{max}$

$R_2$  Neglet this point

else

$R_1$   $P_D = P_{CIG} + P_{SG}$

4. Share  $P_{CIG}$ ,  $P_{SG}$ ,  $P_D$  among generators and loads according to the participation factors