

corresponding operational  
formulation e consider  
objective solve convergence

problems **transportation**  
**decisions** first capacity scenarios  
constraint level note given decision planning generators  
case market Cost may energy  
see grid nodes unit set different parameters  
demand time problem will modeling criteria  
research number system ieee criteria  
one figure power section using  
studies models network paper  
models costs solving optimization general information  
transmission node part variables  
flow indexed part function study  
algorithm line total generation model  
table future based scenario results  
future based scenario example  
infrastructure stochastic analysis  
considering computational university  
decomposition