

Translations: Dimensionner une installation photovoltaïque autonome/272/en

1. first result incrementing peak power where battery capacity is minimal

batterie_Oblackout=[k[0] for k in listresult_Oblackout] minbatterie_Oblackout=min(batterie_Oblackout) for k in listresult_Oblackout:

```
if k[0]==minbatterie_Oblackout:
    print(f"with user input data and
    a battery of{k[0]}kWh
    and a peak power of {k[1]}kWc,
    and an hypothesis of {k[2]}j without electricity as acceptable
    et {k[3]} blackout episodes (or with an power generator):
    between 2005 and 2020:
    List of episodes without electricity (nb of days):
    {k[5]}
    for a mean duration of electricityless episodes of {k[4]}j
    we meet the user needs ({inputelecconsoday}kWh/jour) entered as hypothesis")
    break
```

1. first result incrementing peak power with a number of days of blackout lower or equal
2. to the accepted user input

for k in listresult_blackout:

```
if k[2]<=jnoelec:
    print(f"with user input data and
    a battery of{k[0]}kWh
    and a peak power of {k[1]}kWc,
    and an hypothesis of {k[2]}j without electricity as acceptable
    et {k[3]} blackout episodes (or with an power generator):
    between 2005 and 2020:
    List of episodes without electricity (nb of days):
    {k[5]}
    for a mean duration of electricityless episodes of {k[4]}j
    we meet the user needs ({inputelecconsoday}kWh/jour) entered as hypothesis")
    break
```