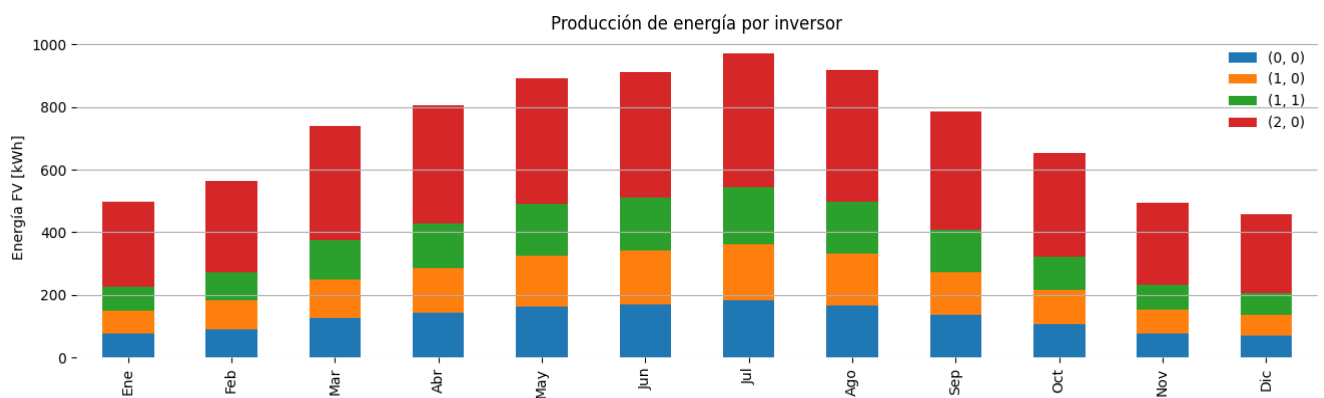
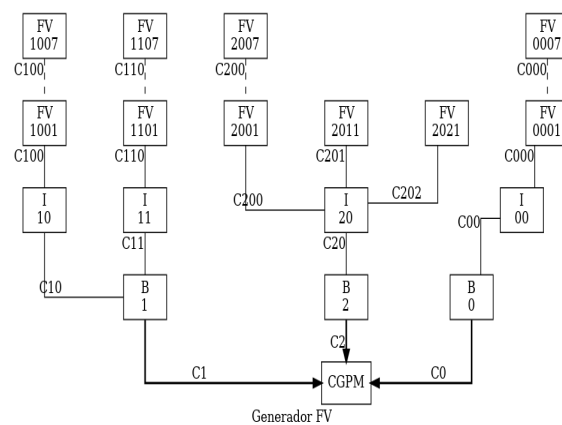


# Diseño del sistema fotovoltaico

Disposicion de inversores y arrays de paneles fotovoltaicos .

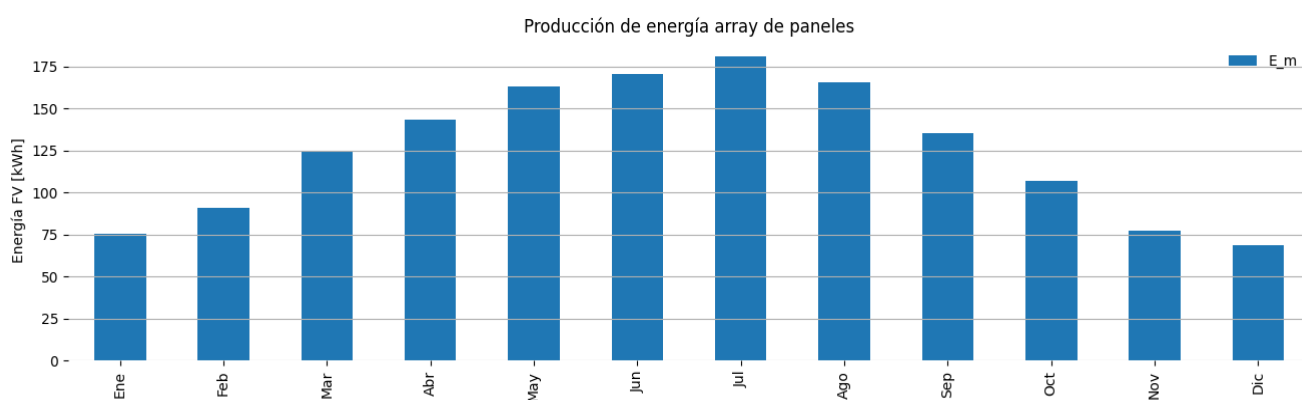
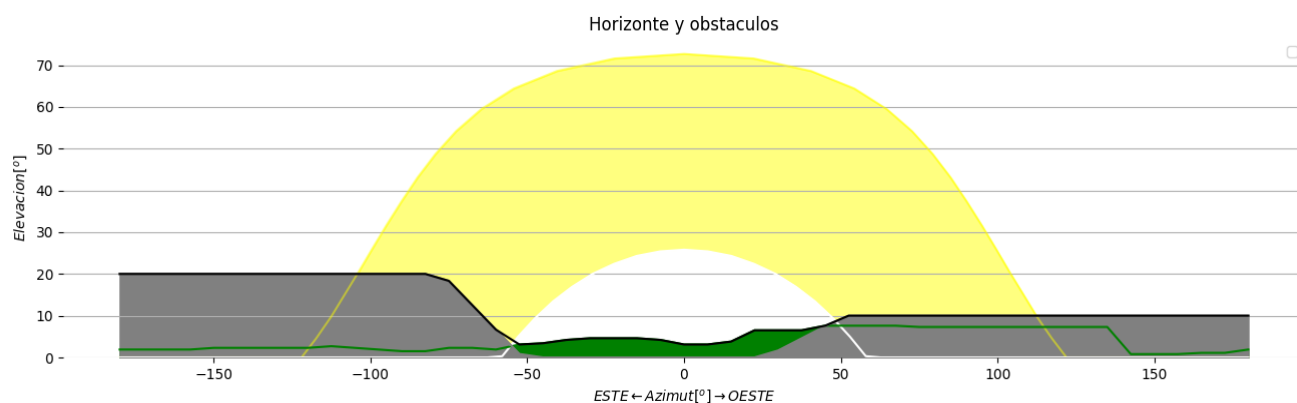
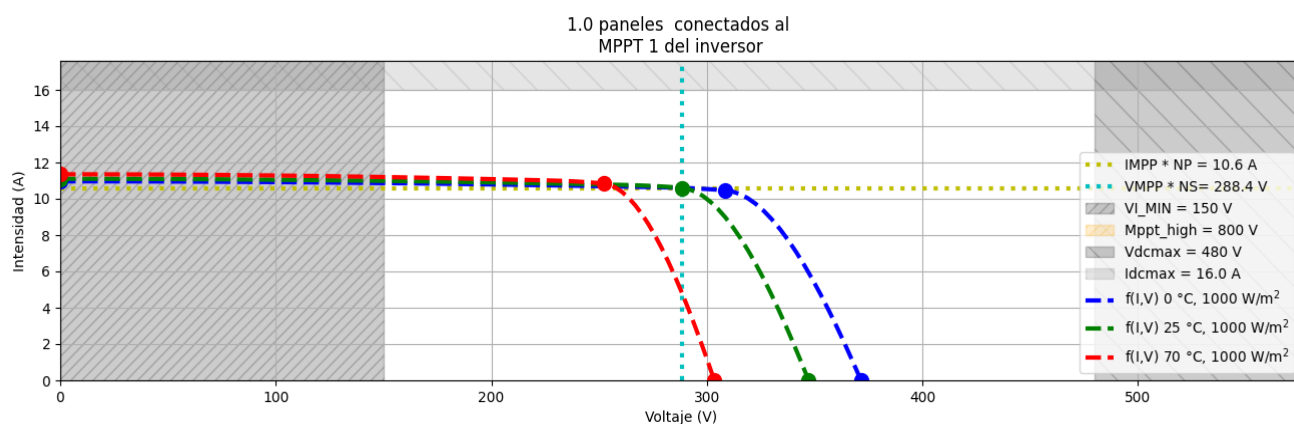


# Array FV tipo 1

|        | 0            |
|--------|--------------|
| Nombre | jam54s30-405 |
| Pmp    | 405          |
| Voc    | 49.6         |
| Vmp    | 41.2         |
| Isc    | 11.1         |
| Imp    | 10.56        |
| Asc    | 0.05         |
| Boc    | -0.28        |
| Gmp    | -0.36        |
| Largo  | 1.722        |
| Ancho  | 1.134        |

|                | 0                              |
|----------------|--------------------------------|
| Nombre         | Fronius Symo 5.0-3-M Trifásico |
| Pdco           | 10000.0                        |
| Cantidad_MPPTs | 2                              |
| Vdco           | 380                            |
| Vdcmax         | 480                            |
| Idcmax         | 16.0                           |
| Iccmax         | 24.0                           |
| Mppt_low       | 150                            |
| Mppt_high      | 800                            |
| Paco           | 5000                           |
| Iac            | 7.2                            |

|                     | 0      |
|---------------------|--------|
| Ref                 | fv0    |
| Montaje_Inclinacion | 11     |
| Superf_Inclinacion  | 0      |
| Orientacion         | 20     |
| Paneles_Serie       | 7.0    |
| Ramas_Paralelo      | 1.0    |
| Numero_de_paneles   | 7.0    |
| Pmp_s               | 2800.0 |
| Voc_s               | 347.2  |
| Vmp_s               | 288.4  |
| Isc_s               | 11.1   |
| Imp_s               | 10.6   |

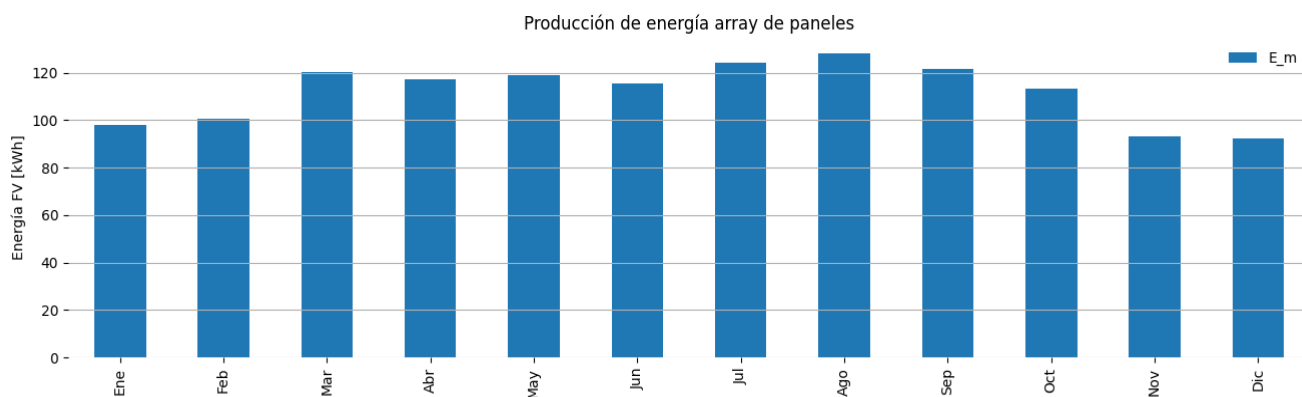
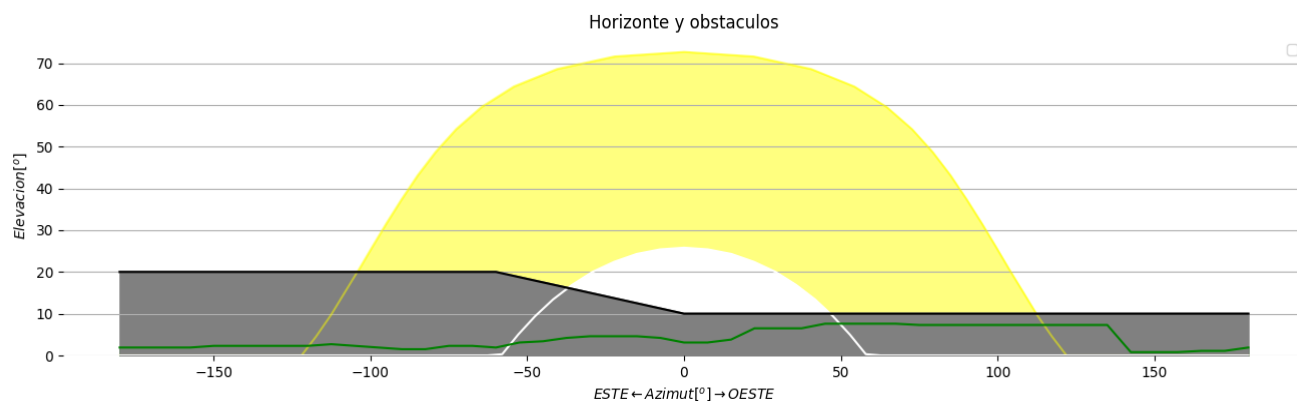
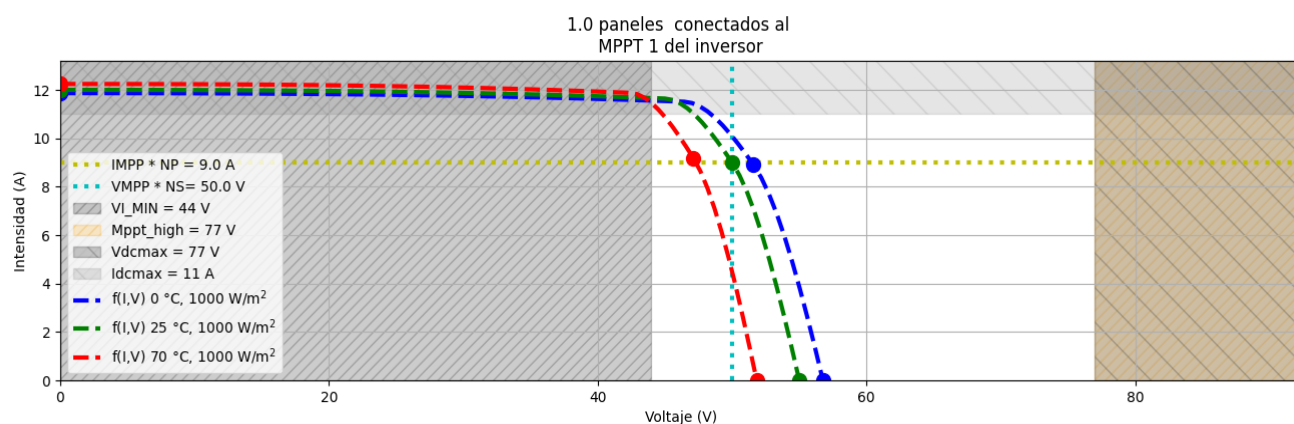


# Array FV tipo 2

|        | 1          |
|--------|------------|
| Nombre | Atersa 500 |
| Pmp    | 500        |
| Voc    | 55         |
| Vmp    | 50         |
| Isc    | 12         |
| Imp    | 9          |
| Asc    | 0.045      |
| Boc    | -0.128     |
| Gmp    | -0.236     |
| Largo  | 2          |
| Ancho  | 1.5        |

|                | 1     |
|----------------|-------|
| Nombre         | sofar |
| Pdco           | 6000  |
| Cantidad_MPPTs | 1     |
| Vdco           | 222   |
| Vdcmax         | 77    |
| Idcmax         | 11    |
| Iccmax         | 11    |
| Mppt_low       | 44    |
| Mppt_high      | 77    |
| Paco           | 5000  |
| Iac            | 5000  |

|                     | 1     |
|---------------------|-------|
| Ref                 | fv1   |
| Montaje_Inclinacion | 40    |
| Superf_Inclinacion  | 30    |
| Orientacion         | -40   |
| Paneles_Serie       | 1.0   |
| Ramas_Paralelo      | 1.0   |
| Numero_de_paneles   | 1.0   |
| Pmp_s               | 500.0 |
| Voc_s               | 55.0  |
| Vmp_s               | 50.0  |
| Isc_s               | 12.0  |
| Imp_s               | 9.0   |



# Array FV tipo 3



# Array FV tipo 4

# Array FV tipo 5

# Array FV tipo 6