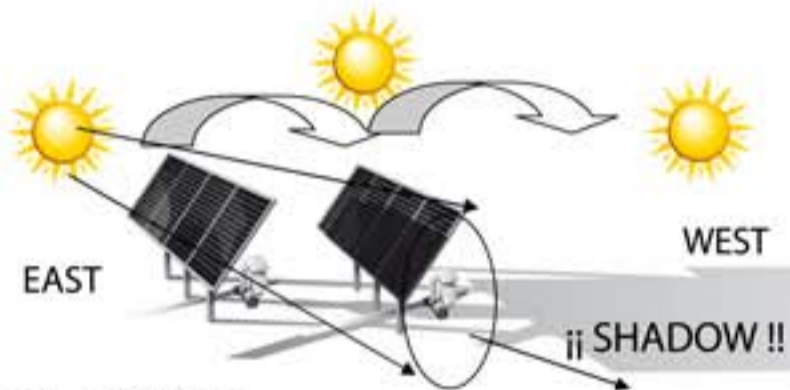


# Backtracking Algorithm Efficiency Improvement

Fix Panels 32,4°



1 Axis Tracker



1 Axis Tracker + Back tracking



Latitude 38° N

Dimensions: Panel Length 50m - Panel Width 2m

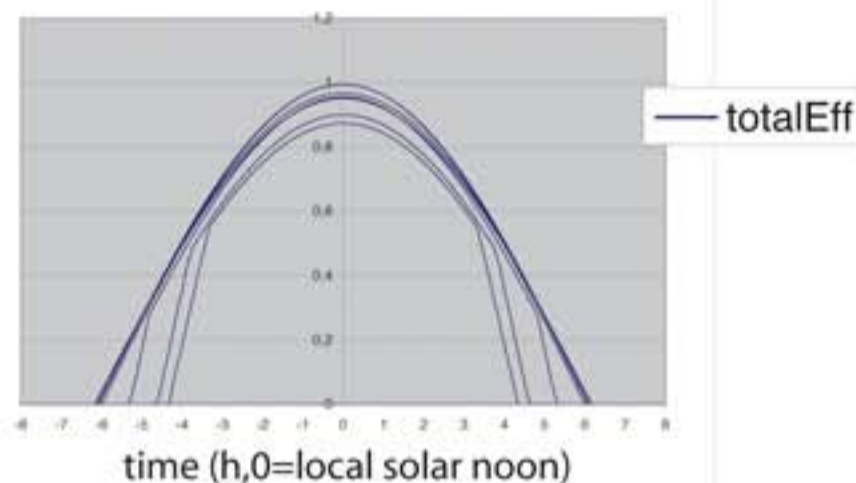
Separation 5m

(Tilt angle for fixed panels: 32.4°)

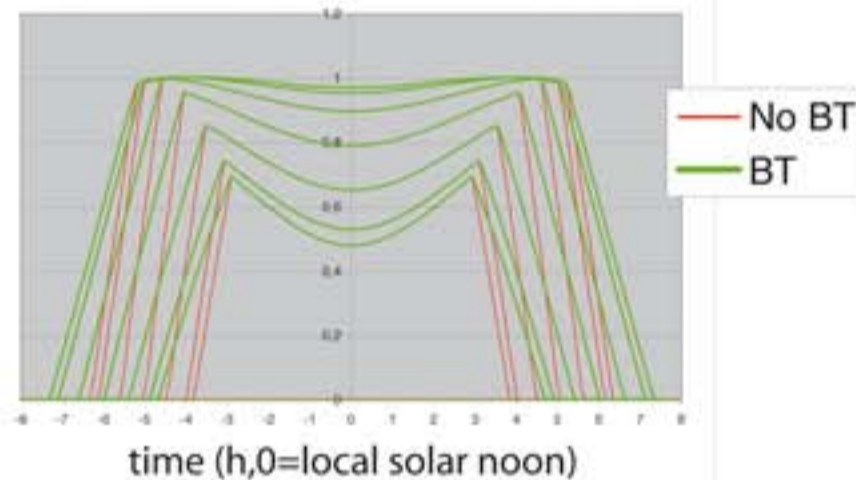
(\*) Efficiency is computed considering the incidence angle and the shadows among panels. It is a pure geometric calculation.

Backtracking Algorithm Efficiency 5 meter gap

Fixed panels (EW), One Year Period



One Year Period



IMPROVEMENT  
 0,00%    + 9,44%    + 21,89%

