



EnerGAIN

Проект: Промовирање на децентрализирано производство на енергија од обновливи извори на енергија

ИНФОРМАТИВЕН СЕМИНАР: ДИМЕНЗИОНИРАЊЕ НА ФВ СИСТЕМИ

ИНТЕГРИРАЊЕ НА ФОТОВОЛТАИЧНИТЕ СИСТЕМИ ВО ОБЈЕКТИ

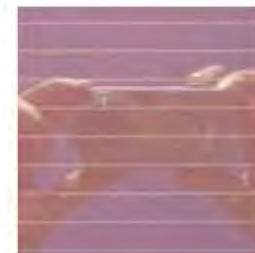
вонр. проф. д-р Димитар Димитров, УКИМ-ФЕИТ - Скопје

Гевгелија, 14 септември 2017 год.

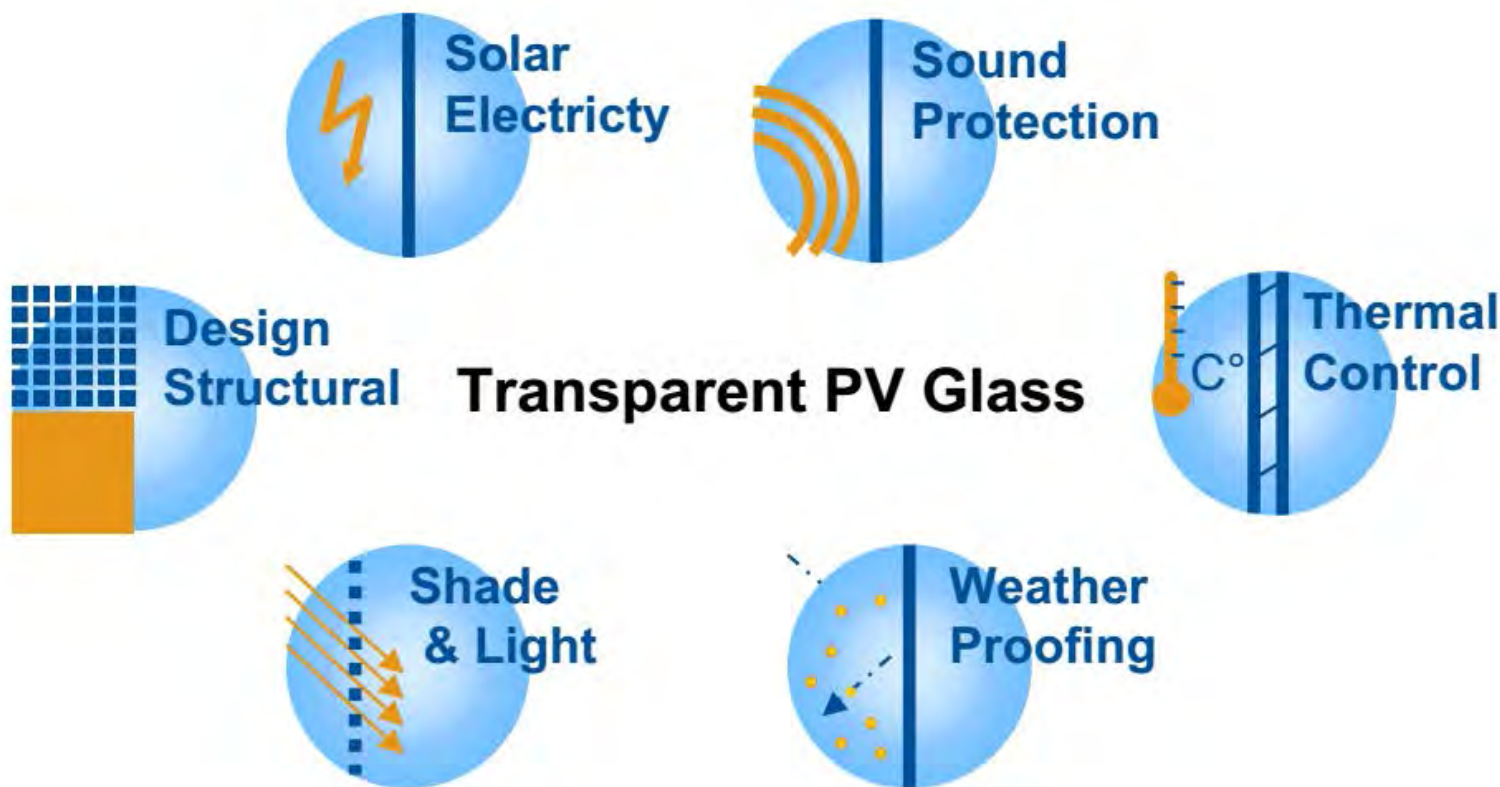
BIPV МОДУЛИ

BIPV Products

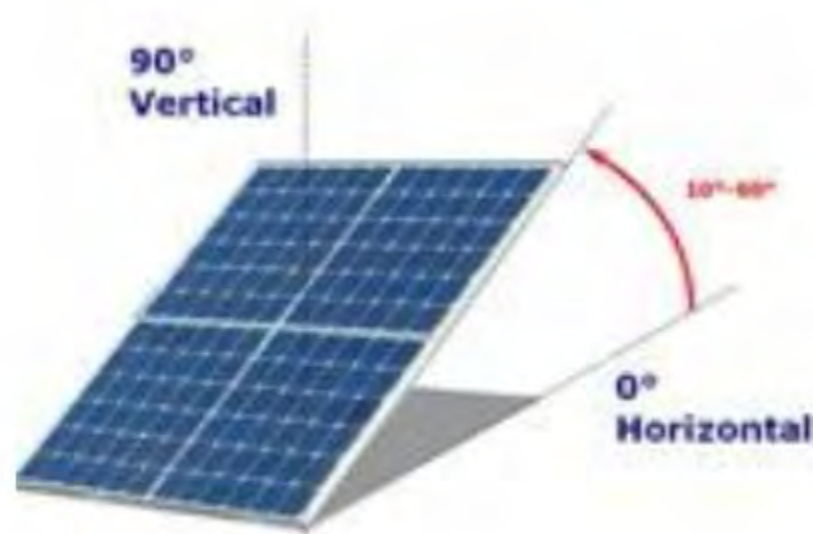
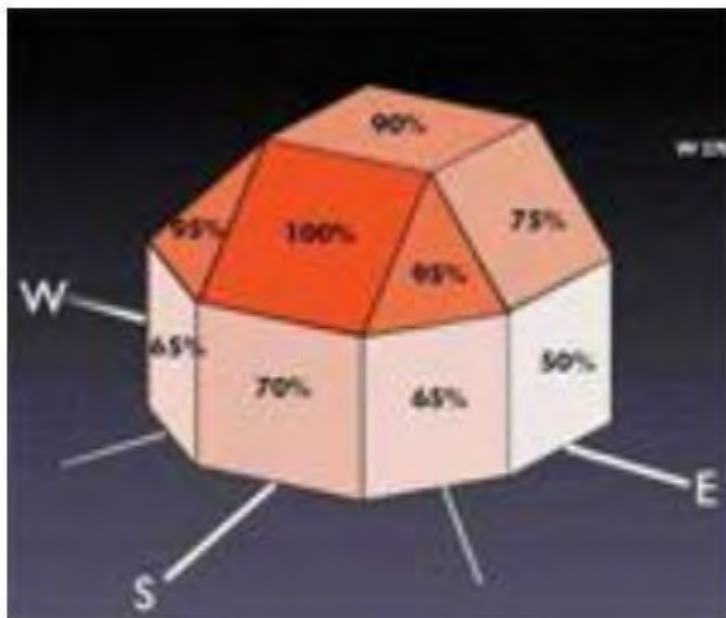
- Rigid Glass/Plastic
- Glass/Glass
- Flexible
- Semi-Transparent



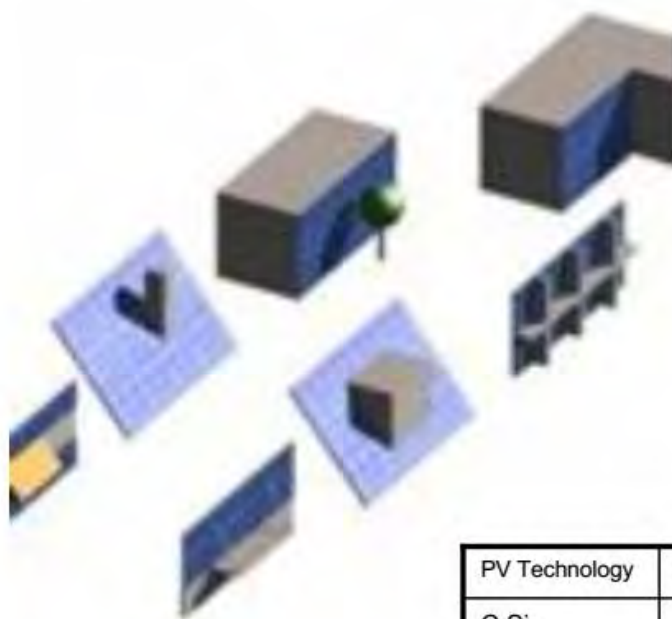
МУЛТИФУНКЦИОНАЛНОСТ



ОРИЕНТИРАЊЕ

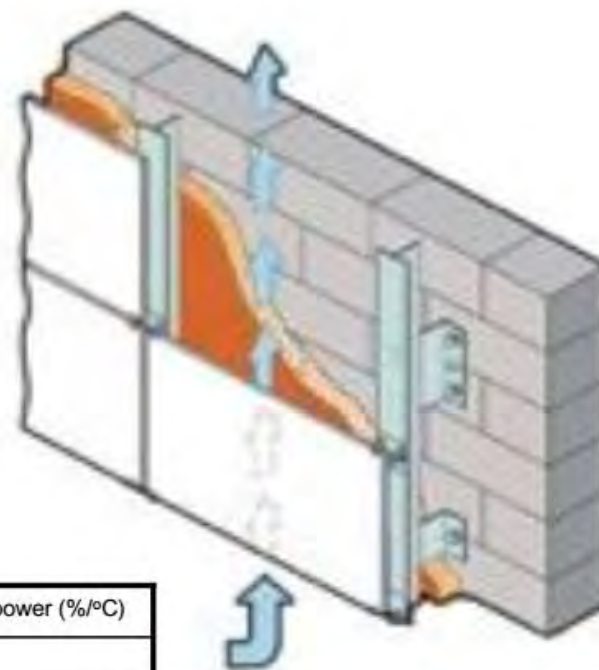


ЗАСЕНУВАЊЕ И ВЕНТИЛАЦИЈА

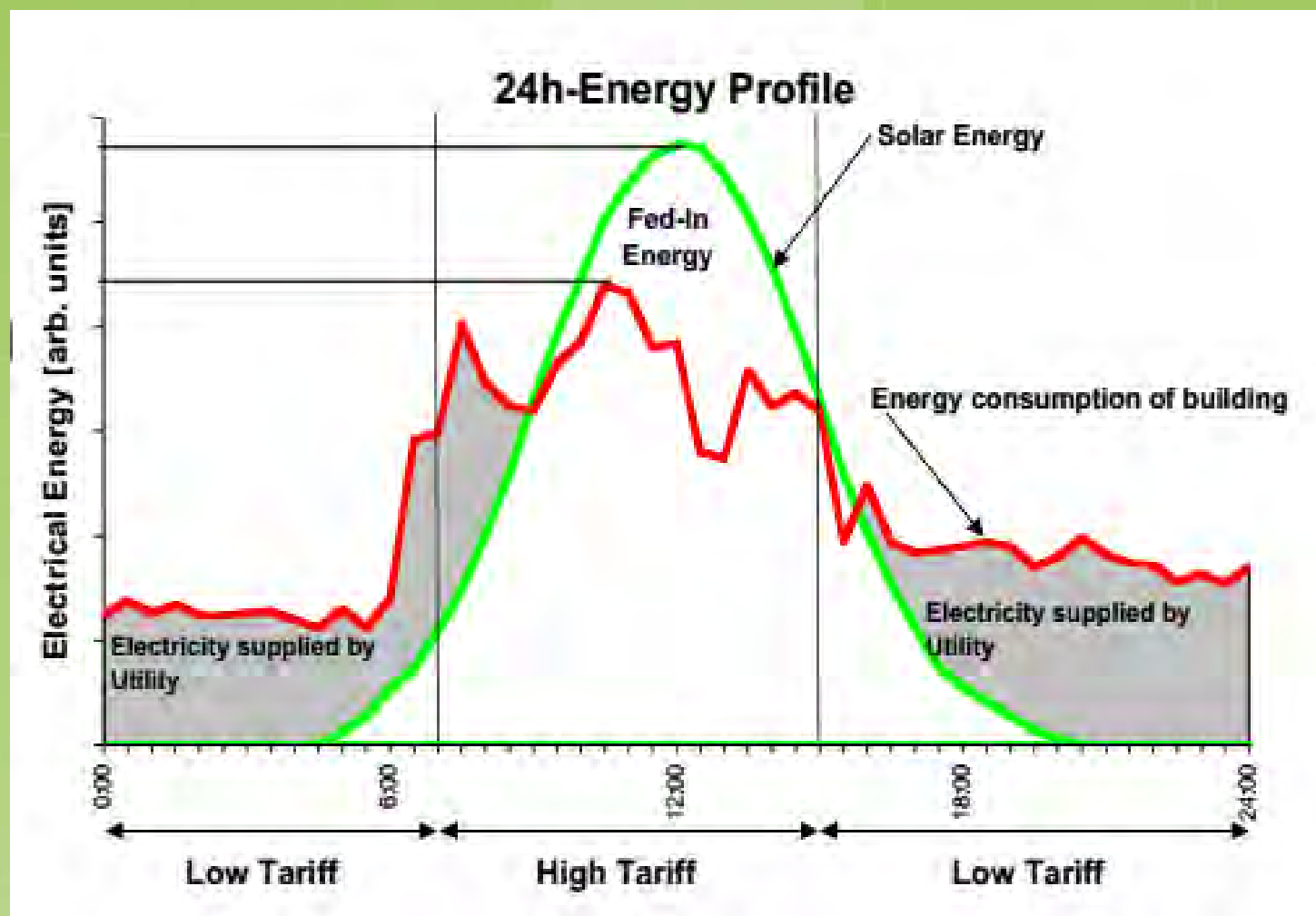


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PV Technology	Coefficient temp / power (%/°C)
C-Si	-0.4 ~ -0.5
CIS, CdTe	0.2 ~ 0.5
a-Si	-0.1 ~ -0.2

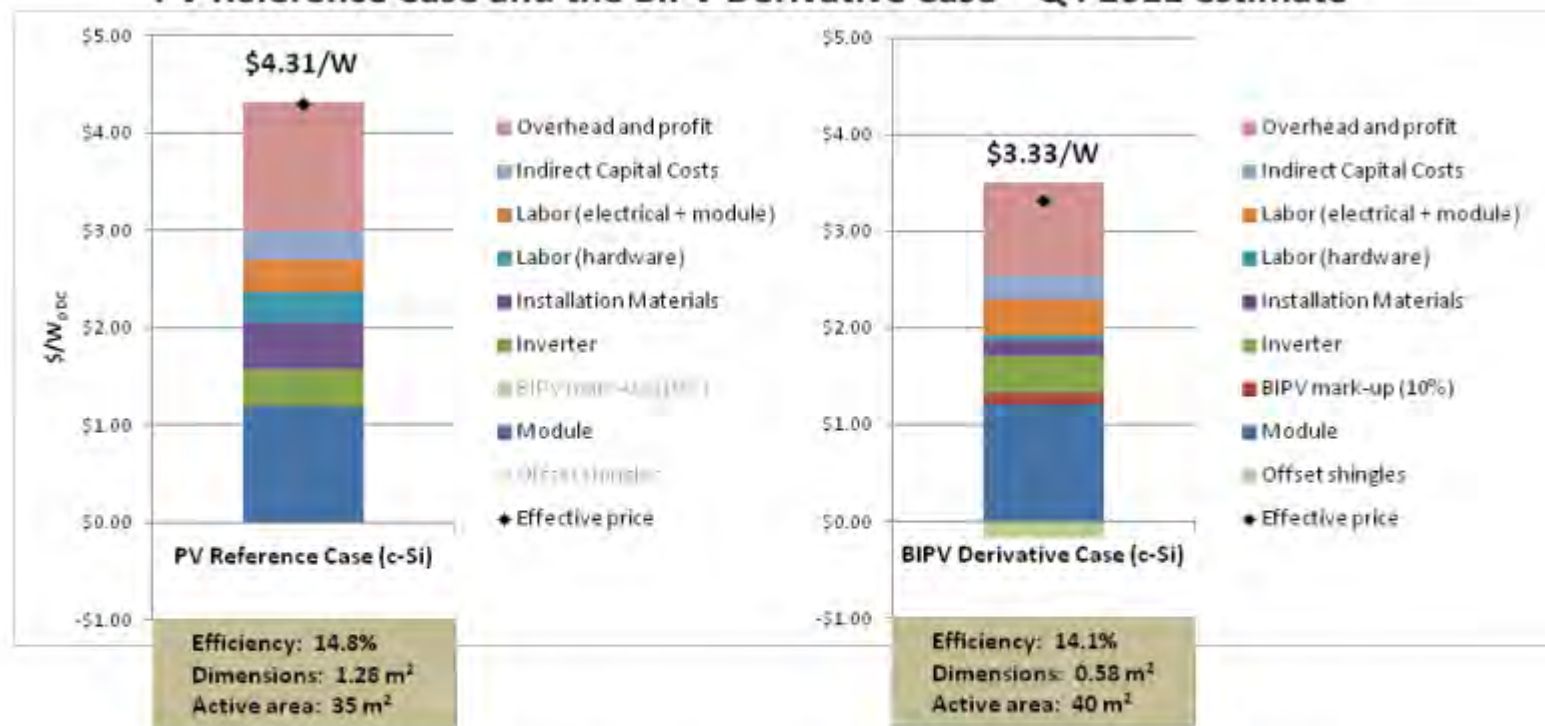


ПРОИЗВОДСТВО И ПОТРОШУВАЧКА НА ЕЕ



СПОРЕДБА НА ЦЕНИ

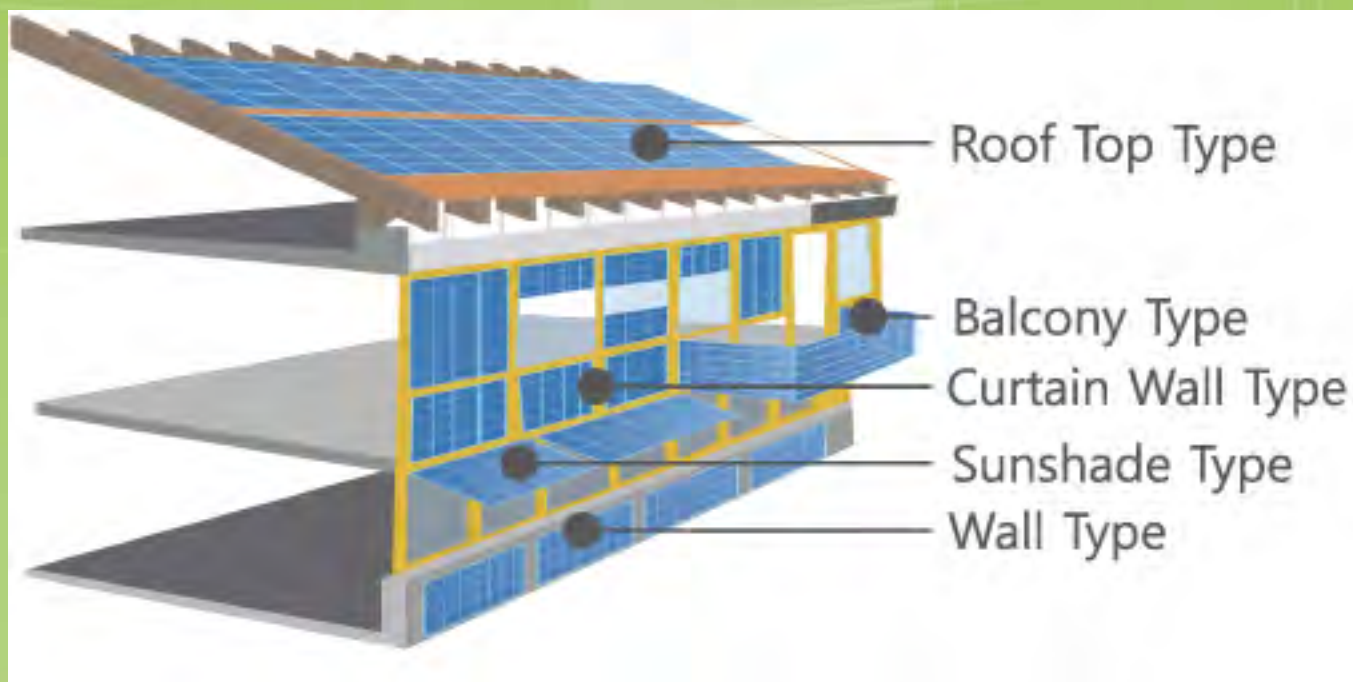
Comparison of installed residential rooftop prices for the
PV Reference Case and the BIPV Derivative Case – Q4 2011 estimate



"Effective price" values include shingle cost offsets, shown as a negative bar, in the BIPV case (right)

- Cost reductions of the simulated BIPV case are mostly from the elimination of hardware racking and associated labor costs (and resulting channel cost reductions)
- BIPV may experience reduced performance compared to rack-mounted PV, impacting levelized costs of energy

КОМЕРЦИЈАЛНО-АДМИНИСТРАТИВЕН ОБЈЕКТ



КОМЕРЦИЈАЛНО-АДМИНИСТРАТИВЕН ОБЈЕКТ



НАСТРЕШНИЦИ И ОГРАДИ



ПРОЗОРЦИ И АТРИУМИ



ОРАНЖЕРИИ





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