

## 19.1 PANELU1

### PV I-P Characteristics

This model is located at system bus #\_\_\_\_\_ IBUS,  
 Machine identifier #\_\_\_\_\_ ID,  
 This model uses CONs starting with #\_\_\_\_\_ J,  
 And VARs starting with #\_\_\_\_\_ L

CONs	#	Description
J		PDCMAX200, maximum power of panel at an irradiance of 200 W/m2, pu on PDCMAX1000 base
J+1		PDCMAX400, maximum power of panel at an irradiance of 400 W/m2, pu on PDCMAX1000 base
J+2		PDCMAX600, maximum power of panel at an irradiance of 600 W/m2, pu on PDCMAX1000 base
J+3		PDCMAX800, maximum power of panel at an irradiance of 800 W/m2, pu on PDCMAX1000 base
J+4		PDCMAX1000, maximum power of panel at an irradiance of 1000 W/m2, pu on PDCMAX1000 base

VARs	#	Description
L		DC power from PV array

IBUS 'USRMDL' ID 'PANELU1' 103 0 0 5 0 1 CON(J) to CON(J+4) /