

**Net metering financial model**

Load times	Units	Consumption
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1 Hour of the day	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
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**2 Customer demand curves**  
Assumed demand for different customers, for each hour of the day, by season and day type

**2.1 0.38kV (general)**

Wth	0.34	0.28	0.26	0.25	0.27	0.37	0.50	0.56	0.55	0.52	0.51	0.52	0.50	0.49	0.52	0.50	0.70	0.75	0.71	0.72	0.69	0.63	0.48
Summer (weekday)	-0.36	-0.30	-0.27	-0.26	-0.25	-0.36	-0.50	-0.40	-0.45	-0.55	-0.61	-0.62	-0.63	-0.63	-0.57	-0.55	-0.81	-0.79	-0.74	-0.71	-0.68	-0.61	-0.47
Summer (weekend)	-0.36	-0.31	-0.28	-0.27	-0.27	-0.31	-0.45	-0.31	-0.36	-0.46	-0.51	-0.51	-0.51	-0.51	-0.46	-0.45	-0.68	-0.65	-0.61	-0.58	-0.56	-0.49	-0.32
Winter (weekday)	-0.42	-0.32	-0.29	-0.28	-0.27	-0.30	-0.34	-0.41	-0.38	-0.48	-0.52	-0.53	-0.51	-0.51	-0.49	-0.50	-0.91	-0.88	-0.84	-0.81	-0.77	-0.71	-0.53
Winter (weekend)																							

**3 Generation curves**  
Calculated generation curves for assumed system sizes for each customer category

**3.1 Capacity factors**

Household rooftop - Summer	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	
Household rooftop - Winter	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

**3.2 0.38kV (general) - generation**

System size	Wth	1.2																					
Summer	Wth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winter	Wth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**4 Customer net loads**  
Net electricity consumption from the grid by customer category, hour, season, and day

**4.1 0.38kV (general)**

Wth	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Summer (weekday)	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Summer (weekend)	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winter (weekday)	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.6	0.9	1.0	1.0	0.9	0.8	0.8	0.7	0.5
Winter (weekend)																						

**5 Solar energy fed back**  
Calculated amount of energy fed back to the grid after customer consumption

**5.1 0.38kV (general)**

Wth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Summer (weekday)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Summer (weekend)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winter (weekday)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winter (weekend)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

