

# EnergyAI – raport PV Layout & Yield Lab

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## Mapa projektu



# Podsumowanie techniczne

EnergyAI – PV Layout & Yield Lab



## Podsumowanie i ustawienia

Liczba obszarów <b>1</b>	Łączna powierzchnia <b>64.27 ha</b>	Długość stołu <b>40.00 m</b>	Szerokość stołu <b>4.60 m</b>
Moc modułu <b>700 Wp</b>	Modułów na stół <b>60</b>	DC/AC ratio <b>1.20</b>	Sprawność inwertera <b>0.985</b>
Moc inwertera centralnego <b>300 kW</b>	Straty systemowe <b>12.00%</b>	Wsp. temp. <b>-0.34%/°C</b>	NOCT <b>45.00°C</b>
Albedo <b>0.20</b>	Rok analizy <b>2025</b>	Tryb API <b>archive</b>	Stoły <b>1862</b>
Moduły <b>111 720</b>	Inwertery <b>266</b>	Moc DC <b>78.20 MWp</b>	Moc AC <b>65.17 MW</b>
Uzysk roczny <b>90851.96 MWh</b>	Produktywność <b>1162 MWh/MWp</b>	Capacity factor AC <b>15.91%</b>	

## Założenia obszarów / polygonów

#	Obszar	ha	Tilt [°]	Azymut od S [°]	Pitch [m]	Gap [m]	Bufor [m]	Korekta	Stoły	MWp
1	Obszar 1	64.27	25.00	0.00	7.50	2.00	4.00	1.00	1862	78.20

**Inwertery**

Inwerter	Stoły	DC [kWp]	Obrót [°]	Od stołu	Do stołu
INV 1	7	294	90.00	1	7
INV 2	7	294	90.00	10	16
INV 3	7	294	90.00	15	25
INV 4	7	294	90.00	24	28
INV 5	7	294	90.00	29	31
INV 6	7	294	90.00	36	47
INV 7	7	294	90.00	46	49
INV 8	7	294	90.00	50	60
INV 9	7	294	90.00	59	63
INV 10	7	294	90.00	64	77
INV 11	7	294	90.00	76	70
INV 12	7	294	90.00	78	84
INV 13	7	294	90.00	85	89
INV 14	7	294	90.00	88	98
INV 15	7	294	90.00	99	114
INV 16	7	294	90.00	113	107
INV 17	7	294	90.00	106	119
INV 18	7	294	90.00	120	133
INV 19	7	294	90.00	132	126
INV 20	7	294	90.00	125	140
INV 21	7	294	90.00	141	158
INV 22	7	294	90.00	157	151
INV 23	7	294	90.00	150	161
INV 24	7	294	90.00	162	168
INV 25	7	294	90.00	169	178
INV 26	7	294	90.00	177	171
INV 27	7	294	90.00	183	189
INV 28	7	294	90.00	190	209
INV 29	7	294	90.00	208	202
INV 30	7	294	90.00	201	210
INV 31	7	294	90.00	211	217
INV 32	7	294	90.00	218	237
INV 33	7	294	90.00	236	230
INV 34	7	294	90.00	229	238
INV 35	7	294	90.00	239	245

Inwerter	Stoly	DC [kWp]	Obrót [°]	Od stołu	Do stołu
INV 36	7	294	90.00	246	252
INV 37	7	294	90.00	267	261
INV 38	7	294	90.00	260	254
INV 39	7	294	90.00	253	273
INV 40	7	294	90.00	274	280
INV 41	7	294	90.00	281	296
INV 42	7	294	90.00	295	289
INV 43	7	294	90.00	288	301
INV 44	7	294	90.00	302	308
INV 45	7	294	90.00	309	315
INV 46	7	294	90.00	316	328
INV 47	7	294	90.00	327	321
INV 48	7	294	90.00	320	336
INV 49	7	294	90.00	337	343
INV 50	7	294	90.00	344	350
INV 51	7	294	90.00	368	362
INV 52	7	294	90.00	361	355
INV 53	7	294	90.00	354	371
INV 54	7	294	90.00	372	378
INV 55	7	294	90.00	379	385
INV 56	7	294	90.00	386	402
INV 57	7	294	90.00	401	395
INV 58	7	294	90.00	394	388
INV 59	7	294	90.00	407	413
INV 60	7	294	90.00	414	420
INV 61	7	294	90.00	421	443
INV 62	7	294	90.00	442	436
INV 63	7	294	90.00	435	429
INV 64	7	294	90.00	428	448
INV 65	7	294	90.00	449	455
INV 66	7	294	90.00	456	462
INV 67	7	294	90.00	463	483
INV 68	7	294	90.00	482	476
INV 69	7	294	90.00	475	469
INV 70	7	294	90.00	468	490
INV 71	7	294	90.00	491	497

Inwerter	Stoly	DC [kWp]	Obrót [°]	Od stołu	Do stołu
INV 72	7	294	90.00	498	504
INV 73	7	294	90.00	505	525
INV 74	7	294	90.00	524	518
INV 75	7	294	90.00	517	511
INV 76	7	294	90.00	510	532
INV 77	7	294	90.00	533	539
INV 78	7	294	90.00	540	546
INV 79	7	294	90.00	547	570
INV 80	7	294	90.00	569	563
INV 81	7	294	90.00	562	556
INV 82	7	294	90.00	555	574
INV 83	7	294	90.00	575	581
INV 84	7	294	90.00	582	588
INV 85	7	294	90.00	589	613
INV 86	7	294	90.00	612	606
INV 87	7	294	90.00	605	599
INV 88	7	294	90.00	598	616
INV 89	7	294	90.00	617	623
INV 90	7	294	90.00	624	630
INV 91	7	294	90.00	631	658
INV 92	7	294	90.00	657	651
INV 93	7	294	90.00	650	644
INV 94	7	294	90.00	643	637
INV 95	7	294	90.00	659	665
INV 96	7	294	90.00	666	672
INV 97	7	294	90.00	673	679
INV 98	7	294	90.00	700	694
INV 99	7	294	90.00	693	687
INV 100	7	294	90.00	686	680
INV 101	7	294	90.00	701	707
INV 102	7	294	90.00	708	714
INV 103	7	294	90.00	715	721
INV 104	7	294	90.00	722	739
INV 105	7	294	90.00	738	732
INV 106	7	294	90.00	731	725
INV 107	7	294	90.00	724	749

Inwerter	Stoly	DC [kWp]	Obrót [°]	Od stołu	Do stołu
INV 108	7	294	90.00	750	756
INV 109	7	294	90.00	757	763
INV 110	7	294	90.00	764	784
INV 111	7	294	90.00	783	777
INV 112	7	294	90.00	776	770
INV 113	7	294	90.00	769	791
INV 114	7	294	90.00	792	798
INV 115	7	294	90.00	799	805
INV 116	7	294	90.00	806	829
INV 117	7	294	90.00	828	822
INV 118	7	294	90.00	821	815
INV 119	7	294	90.00	814	833
INV 120	7	294	90.00	834	840
INV 121	7	294	90.00	841	847
INV 122	7	294	90.00	848	875
INV 123	7	294	90.00	874	868
INV 124	7	294	90.00	867	861
INV 125	7	294	90.00	860	854
INV 126	7	294	90.00	876	882
INV 127	7	294	90.00	883	889
INV 128	7	294	90.00	890	896
INV 129	7	294	90.00	897	914
INV 130	7	294	90.00	913	907
INV 131	7	294	90.00	906	900
INV 132	7	294	90.00	899	924
INV 133	7	294	90.00	925	931
INV 134	7	294	90.00	932	938
INV 135	7	294	90.00	939	960
INV 136	7	294	90.00	959	953
INV 137	7	294	90.00	952	946
INV 138	7	294	90.00	945	966
INV 139	7	294	90.00	967	973
INV 140	7	294	90.00	974	980
INV 141	7	294	90.00	981	1003
INV 142	7	294	90.00	1002	996
INV 143	7	294	90.00	995	989

Inwerter	Stoly	DC [kWp]	Obrót [°]	Od stołu	Do stołu
INV 144	7	294	90.00	988	1008
INV 145	7	294	90.00	1009	1015
INV 146	7	294	90.00	1016	1022
INV 147	7	294	90.00	1023	1045
INV 148	7	294	90.00	1044	1038
INV 149	7	294	90.00	1037	1031
INV 150	7	294	90.00	1030	1050
INV 151	7	294	90.00	1051	1057
INV 152	7	294	90.00	1058	1064
INV 153	7	294	90.00	1065	1086
INV 154	7	294	90.00	1085	1079
INV 155	7	294	90.00	1078	1072
INV 156	7	294	90.00	1071	1092
INV 157	7	294	90.00	1093	1099
INV 158	7	294	90.00	1100	1106
INV 159	7	294	90.00	1107	1124
INV 160	7	294	90.00	1123	1117
INV 161	7	294	90.00	1116	1110
INV 162	7	294	90.00	1109	1134
INV 163	7	294	90.00	1135	1141
INV 164	7	294	90.00	1142	1148
INV 165	7	294	90.00	1167	1161
INV 166	7	294	90.00	1160	1154
INV 167	7	294	90.00	1153	1169
INV 168	7	294	90.00	1170	1176
INV 169	7	294	90.00	1177	1183
INV 170	7	294	90.00	1184	1202
INV 171	7	294	90.00	1201	1195
INV 172	7	294	90.00	1194	1188
INV 173	7	294	90.00	1187	1211
INV 174	7	294	90.00	1212	1218
INV 175	7	294	90.00	1219	1243
INV 176	7	294	90.00	1242	1236
INV 177	7	294	90.00	1235	1229
INV 178	7	294	90.00	1228	1246
INV 179	7	294	90.00	1247	1253

Inwerter	Stoly	DC [kWp]	Obrót [°]	Od stołu	Do stołu
INV 180	7	294	90.00	1254	1260
INV 181	7	294	90.00	1261	1274
INV 182	7	294	90.00	1273	1267
INV 183	7	294	90.00	1266	1281
INV 184	7	294	90.00	1282	1288
INV 185	7	294	90.00	1289	1295
INV 186	7	294	90.00	1296	1311
INV 187	7	294	90.00	1310	1304
INV 188	7	294	90.00	1303	1316
INV 189	7	294	90.00	1317	1323
INV 190	7	294	90.00	1324	1330
INV 191	7	294	90.00	1331	1347
INV 192	7	294	90.00	1346	1340
INV 193	7	294	90.00	1339	1351
INV 194	7	294	90.00	1352	1358
INV 195	7	294	90.00	1359	1365
INV 196	7	294	90.00	1366	1380
INV 197	7	294	90.00	1379	1373
INV 198	7	294	90.00	1372	1386
INV 199	7	294	90.00	1387	1393
INV 200	7	294	90.00	1394	1400
INV 201	7	294	90.00	1401	1412
INV 202	7	294	90.00	1411	1405
INV 203	7	294	90.00	1404	1421
INV 204	7	294	90.00	1422	1428
INV 205	7	294	90.00	1429	1448
INV 206	7	294	90.00	1447	1441
INV 207	7	294	90.00	1440	1434
INV 208	7	294	90.00	1450	1456
INV 209	7	294	90.00	1457	1463
INV 210	7	294	90.00	1464	1477
INV 211	7	294	90.00	1476	1470
INV 212	7	294	90.00	1469	1484
INV 213	7	294	90.00	1485	1491
INV 214	7	294	90.00	1492	1510
INV 215	7	294	90.00	1509	1503

Inwerter	Stoly	DC [kWp]	Obrót [°]	Od stołu	Do stołu
INV 216	7	294	90.00	1502	1512
INV 217	7	294	90.00	1513	1519
INV 218	7	294	90.00	1520	1539
INV 219	7	294	90.00	1538	1532
INV 220	7	294	90.00	1531	1540
INV 221	7	294	90.00	1541	1547
INV 222	7	294	90.00	1548	1566
INV 223	7	294	90.00	1565	1559
INV 224	7	294	90.00	1558	1568
INV 225	7	294	90.00	1569	1575
INV 226	7	294	90.00	1576	1590
INV 227	7	294	90.00	1589	1583
INV 228	7	294	90.00	1582	1596
INV 229	7	294	90.00	1597	1603
INV 230	7	294	90.00	1604	1613
INV 231	7	294	90.00	1612	1606
INV 232	7	294	90.00	1618	1624
INV 233	7	294	90.00	1625	1640
INV 234	7	294	90.00	1639	1633
INV 235	7	294	90.00	1632	1645
INV 236	7	294	90.00	1646	1652
INV 237	7	294	90.00	1653	1660
INV 238	7	294	90.00	1659	1666
INV 239	7	294	90.00	1667	1673
INV 240	7	294	90.00	1674	1684
INV 241	7	294	90.00	1683	1677
INV 242	7	294	90.00	1688	1694
INV 243	7	294	90.00	1695	1707
INV 244	7	294	90.00	1706	1700
INV 245	7	294	90.00	1699	1715
INV 246	7	294	90.00	1716	1727
INV 247	7	294	90.00	1726	1720
INV 248	7	294	90.00	1730	1736
INV 249	7	294	90.00	1737	1746
INV 250	7	294	90.00	1745	1750
INV 251	7	294	90.00	1751	1757

Inwerter	Stoły	DC [kWp]	Obrót [°]	Od stołu	Do stołu
INV 252	7	294	90.00	1758	1764
INV 253	7	294	90.00	1763	1771
INV 254	7	294	90.00	1772	1786
INV 255	7	294	90.00	1785	1779
INV 256	7	294	90.00	1778	1792
INV 257	7	294	90.00	1793	1801
INV 258	7	294	90.00	1800	1806
INV 259	7	294	90.00	1807	1820
INV 260	7	294	90.00	1819	1813
INV 261	7	294	90.00	1821	1827
INV 262	7	294	90.00	1828	1831
INV 263	7	294	90.00	1830	1841
INV 264	7	294	90.00	1842	1845
INV 265	7	294	90.00	1844	1858
INV 266	7	294	90.00	1857	1862