



WebdynSunPM
Annex



**definition files library changelog -
2026-10-01 - d32175b**

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definition files library changelog - 2026-10-01 - d32175b

Library revision: **d32175b**

Manifest timestamp: **2026-10-01**

1 Overview

0 files added · 58 modified · 0 removed.

All 507 matched variable changes affect the tag field only. The other fields in these manifest change rows are unchanged.

Main tag changes:

- Serial-number tags change from `DisplaySerialNumber` to `SERIAL`.
- Phase active-power tags change from `ActivePow1kW` / `ActivePow2kW` / `ActivePow3kW` to `P_AC_1` / `P_AC_2` / `P_AC_3`.
- Indexed tags lose brackets, for example `I_DC_STRING_[1]` → `I_DC_STRING_1`. See affected inverter files below.
- Some SunSpec variable tags are cleared; the affected variables and previous values are listed below.
- KSTAR active-power command tag changes from `cmdPwr` to `CMD_P_AC_SET_ABS`.

If your integration uses these tag values, review the affected mappings. Runtime behaviour and hardware compatibility have not been tested as part of this changelog.



2 Affected files



Device Category	File	Status
Inverter	W_CyberPower_1-Phase.csv	Modified
Inverter	W_CyberPower_3-Phases.csv	Modified
Inverter	W_CyberPower_CPSHB6000ETL48-CPSHB6000ETLFR.csv	Modified
Inverter	W_Goodwe_HT1100.csv	Modified
Inverter	W_Goodwe_HT1500.csv	Modified
Inverter	W_Goodwe_HT_others_Series.csv	Modified
Inverter	W_Growatt_MAX1500V_MAX-XLV_Series.csv	Modified
Inverter	W_Growatt_MOD_TL3-XH_Series.csv	Modified
Inverter	W_Growatt_TL-X_TL-XH_Series.csv	Modified
Inverter	W_Growatt_TL3-X_Series.csv	Modified
Inverter	W_Kaco_NX1-NX3_Series.csv	Modified
Inverter	W_Kostal_Modbus.csv	Modified
Inverter	W_KOSTAL_PIKO_CI.csv	Modified
Inverter	W_KSTAR_KIG1-250K.csv	Modified
Inverter	W_SAJ_Sununo_Plus_Suntrio.csv	Modified
Inverter	W_SMA_Generic.csv	Modified
Inverter	W_SMA_STP_X.csv	Modified
Meter	W_ABB_B21-B23-B24.csv	Modified
Meter	W_ABB_M2M_Meter.csv	Modified
Meter	W_Algodue_UPM209-309.csv	Modified
Meter	W_Carlo_Gavazzi_EM210.csv	Modified
Meter	W_CHAUVIN-ARNOUX_Ulys_TT-M.csv	Modified
Meter	W_CHINT_DTSU666.csv	Modified
Meter	W_CIRCUTOR_CVME3MINI.csv	Modified
Meter	W_ECO_ADAPT_POWERELEC_6.csv	Modified
Meter	W_EDMI_Mk6.csv	Modified
Meter	W_HAGER_Generic.csv	Modified
Meter	W_HUAWEI_Power_Meter.csv	Modified



Device Category	File	Status
Meter	W_Inepro_PRO380-MOD-CT.csv	Modified
Meter	W_Legrand_LEG412052.csv	Modified
Meter	W_Lettel_MAP4-34RJ.csv	Modified
Meter	W_Lettel_MCT4-45.csv	Modified
Meter	W_Lettel_MCX4-34.csv	Modified
Meter	W_Lettel_MCX4-34V.csv	Modified
Meter	W_POLIER_MTR5LMOD.csv	Modified
Meter	W_Schneider_EM1200-EM1220.csv	Modified
Meter	W_Schneider_Generic.csv	Modified
Meter	W_Schneider_IEM_3xxx.csv	Modified
Meter	W_Schneider_PM5xxx.csv	Modified
Meter	W_SOCOMEK_COUNTIS_E23.csv	Modified
Meter	W_Socomec_Diris_A10.csv	Modified
Meter	W_SOCOMEK_Diris_A40.csv	Modified
Meter	W_SOCOMEK_DIRIS_B10.csv	Modified
Meter	W_Socomec_Diris_B30.csv	Modified
Meter	W_SOCOMEK_E33_E43.csv	Modified
Meter	W_Weidmuller_610.csv	Modified
SunSpec models	SUNSPEC_00122.csv	Modified
SunSpec models	SUNSPEC_00124.csv	Modified
SunSpec models	SUNSPEC_00401.csv	Modified
SunSpec models	SUNSPEC_00402.csv	Modified
SunSpec models	SUNSPEC_00403.csv	Modified
SunSpec models	SUNSPEC_00404.csv	Modified
SunSpec models	SUNSPEC_00501.csv	Modified
SunSpec models	SUNSPEC_00502.csv	Modified
SunSpec models	SUNSPEC_00701.csv	Modified
SunSpec models	SUNSPEC_00702.csv	Modified



Device Category	File	Status
SunSpec models	SUNSPEC_00704.csv	Modified
SunSpec models	SUNSPEC_00714.csv	Modified

3 Changes by file

3.1 Inverter

3.1.1 W_CyberPower_1-Phase.csv

Status: **Modified**

Variable	Index	Change	Details
Serial Number	8	Modified	Tag: DisplaySerialNumber → SERIAL

3.1.2 W_CyberPower_3-Phases.csv

Status: **Modified**

Variable	Index	Change	Details
Serial Number	5	Modified	Tag: DisplaySerialNumber → SERIAL

3.1.3 W_CyberPower_CPSHB6000ETL48-CPSHB6000ETLFR.csv

Status: **Modified**

Variable	Index	Change	Details
Serial Number	1	Modified	Tag: DisplaySerialNumber → SERIAL

3.1.4 W_Goodwe_HT1100.csv

Status: **Modified**



Variable	Index	Change	Details
PV1 Current	3	Modified	Tag: I_DC_STRING_[1] → I_DC_STRING_1
PV1 Voltage	2	Modified	Tag: U_DC_STRING_[1] → U_DC_STRING_1
PV10 Current	21	Modified	Tag: I_DC_STRING_[10] → I_DC_STRING_10
PV10 Voltage	20	Modified	Tag: U_DC_STRING_[10] → U_DC_STRING_10
PV11 Current	23	Modified	Tag: I_DC_STRING_[11] → I_DC_STRING_11
PV11 Voltage	22	Modified	Tag: U_DC_STRING_[11] → U_DC_STRING_11
PV12 Current	25	Modified	Tag: I_DC_STRING_[12] → I_DC_STRING_12
PV12 Voltage	24	Modified	Tag: U_DC_STRING_[12] → U_DC_STRING_12
PV13 Current	27	Modified	Tag: I_DC_STRING_[13] → I_DC_STRING_13
PV13 Voltage	26	Modified	Tag: U_DC_STRING_[13] → U_DC_STRING_13
PV14 Current	29	Modified	Tag: I_DC_STRING_[14] → I_DC_STRING_14
PV14 Voltage	28	Modified	Tag: U_DC_STRING_[14] → U_DC_STRING_14
PV15 Current	31	Modified	Tag: I_DC_STRING_[15] → I_DC_STRING_15
PV15 Voltage	30	Modified	Tag: U_DC_STRING_[15] → U_DC_STRING_15
PV16 Current	33	Modified	Tag: I_DC_STRING_[16] → I_DC_STRING_16
PV16 Voltage	32	Modified	Tag: U_DC_STRING_[16] → U_DC_STRING_16
PV17 Current	35	Modified	Tag: I_DC_STRING_[17] → I_DC_STRING_17
PV17 Voltage	34	Modified	Tag: U_DC_STRING_[17] → U_DC_STRING_17
PV18 Current	37	Modified	Tag: I_DC_STRING_[18] → I_DC_STRING_18
PV18 Voltage	36	Modified	Tag: U_DC_STRING_[18] → U_DC_STRING_18
PV19 Current	39	Modified	Tag: I_DC_STRING_[19] → I_DC_STRING_19
PV19 Voltage	38	Modified	Tag: U_DC_STRING_[19] → U_DC_STRING_19
PV2 Current	5	Modified	Tag: I_DC_STRING_[2] → I_DC_STRING_2
PV2 Voltage	4	Modified	Tag: U_DC_STRING_[2] → U_DC_STRING_2
PV20 Current	41	Modified	Tag: I_DC_STRING_[20] → I_DC_STRING_20
PV20 Voltage	40	Modified	Tag: U_DC_STRING_[20] → U_DC_STRING_20
PV21 Current	43	Modified	Tag: I_DC_STRING_[21] → I_DC_STRING_21
PV21 Voltage	42	Modified	Tag: U_DC_STRING_[21] → U_DC_STRING_21



Variable	Index	Change	Details
PV22 Current	45	Modified	Tag: I_DC_STRING_[22] → I_DC_STRING_22
PV22 Voltage	44	Modified	Tag: U_DC_STRING_[22] → U_DC_STRING_22
PV23 Current	47	Modified	Tag: I_DC_STRING_[23] → I_DC_STRING_23
PV23 Voltage	46	Modified	Tag: U_DC_STRING_[23] → U_DC_STRING_23
PV24 Current	49	Modified	Tag: I_DC_STRING_[24] → I_DC_STRING_24
PV24 Voltage	48	Modified	Tag: U_DC_STRING_[24] → U_DC_STRING_24
PV3 Current	7	Modified	Tag: I_DC_STRING_[3] → I_DC_STRING_3
PV3 Voltage	6	Modified	Tag: U_DC_STRING_[3] → U_DC_STRING_3
PV4 Current	9	Modified	Tag: I_DC_STRING_[4] → I_DC_STRING_4
PV4 Voltage	8	Modified	Tag: U_DC_STRING_[4] → U_DC_STRING_4
PV5 Current	11	Modified	Tag: I_DC_STRING_[5] → I_DC_STRING_5
PV5 Voltage	10	Modified	Tag: U_DC_STRING_[5] → U_DC_STRING_5
PV6 Current	13	Modified	Tag: I_DC_STRING_[6] → I_DC_STRING_6
PV6 Voltage	12	Modified	Tag: U_DC_STRING_[6] → U_DC_STRING_6
PV7 Current	15	Modified	Tag: I_DC_STRING_[7] → I_DC_STRING_7
PV7 Voltage	14	Modified	Tag: U_DC_STRING_[7] → U_DC_STRING_7
PV8 Current	17	Modified	Tag: I_DC_STRING_[8] → I_DC_STRING_8
PV8 Voltage	16	Modified	Tag: U_DC_STRING_[8] → U_DC_STRING_8
PV9 Current	19	Modified	Tag: I_DC_STRING_[9] → I_DC_STRING_9
PV9 Voltage	18	Modified	Tag: U_DC_STRING_[9] → U_DC_STRING_9

3.1.5 W_Goodwe_HT1500.csv

Status: **Modified**



Variable	Index	Change	Details
PV1 Current	3	Modified	Tag: I_DC_STRING_[1] → I_DC_STRING_1
PV1 Voltage	2	Modified	Tag: U_DC_STRING_[1] → U_DC_STRING_1
PV10 Current	21	Modified	Tag: I_DC_STRING_[10] → I_DC_STRING_10
PV10 Voltage	20	Modified	Tag: U_DC_STRING_[10] → U_DC_STRING_10
PV11 Current	23	Modified	Tag: I_DC_STRING_[11] → I_DC_STRING_11
PV11 Voltage	22	Modified	Tag: U_DC_STRING_[11] → U_DC_STRING_11
PV12 Current	25	Modified	Tag: I_DC_STRING_[12] → I_DC_STRING_12
PV12 Voltage	24	Modified	Tag: U_DC_STRING_[12] → U_DC_STRING_12
PV13 Current	27	Modified	Tag: I_DC_STRING_[13] → I_DC_STRING_13
PV13 Voltage	26	Modified	Tag: U_DC_STRING_[13] → U_DC_STRING_13
PV14 Current	29	Modified	Tag: I_DC_STRING_[14] → I_DC_STRING_14
PV14 Voltage	28	Modified	Tag: U_DC_STRING_[14] → U_DC_STRING_14
PV15 Current	31	Modified	Tag: I_DC_STRING_[15] → I_DC_STRING_15
PV15 Voltage	30	Modified	Tag: U_DC_STRING_[15] → U_DC_STRING_15
PV16 Current	33	Modified	Tag: I_DC_STRING_[16] → I_DC_STRING_16
PV16 Voltage	32	Modified	Tag: U_DC_STRING_[16] → U_DC_STRING_16
PV17 Current	35	Modified	Tag: I_DC_STRING_[17] → I_DC_STRING_17
PV17 Voltage	34	Modified	Tag: U_DC_STRING_[17] → U_DC_STRING_17
PV18 Current	37	Modified	Tag: I_DC_STRING_[18] → I_DC_STRING_18
PV18 Voltage	36	Modified	Tag: U_DC_STRING_[18] → U_DC_STRING_18
PV19 Current	39	Modified	Tag: I_DC_STRING_[19] → I_DC_STRING_19
PV19 Voltage	38	Modified	Tag: U_DC_STRING_[19] → U_DC_STRING_19
PV2 Current	5	Modified	Tag: I_DC_STRING_[2] → I_DC_STRING_2
PV2 Voltage	4	Modified	Tag: U_DC_STRING_[2] → U_DC_STRING_2
PV20 Current	41	Modified	Tag: I_DC_STRING_[20] → I_DC_STRING_20
PV20 Voltage	40	Modified	Tag: U_DC_STRING_[20] → U_DC_STRING_20
PV21 Current	43	Modified	Tag: I_DC_STRING_[21] → I_DC_STRING_21
PV21 Voltage	42	Modified	Tag: U_DC_STRING_[21] → U_DC_STRING_21



Variable	Index	Change	Details
PV22 Current	45	Modified	Tag: I_DC_STRING_[22] → I_DC_STRING_22
PV22 Voltage	44	Modified	Tag: U_DC_STRING_[22] → U_DC_STRING_22
PV23 Current	47	Modified	Tag: I_DC_STRING_[23] → I_DC_STRING_23
PV23 Voltage	46	Modified	Tag: U_DC_STRING_[23] → U_DC_STRING_23
PV24 Current	49	Modified	Tag: I_DC_STRING_[24] → I_DC_STRING_24
PV24 Voltage	48	Modified	Tag: U_DC_STRING_[24] → U_DC_STRING_24
PV3 Current	7	Modified	Tag: I_DC_STRING_[3] → I_DC_STRING_3
PV3 Voltage	6	Modified	Tag: U_DC_STRING_[3] → U_DC_STRING_3
PV4 Current	9	Modified	Tag: I_DC_STRING_[4] → I_DC_STRING_4
PV4 Voltage	8	Modified	Tag: U_DC_STRING_[4] → U_DC_STRING_4
PV5 Current	11	Modified	Tag: I_DC_STRING_[5] → I_DC_STRING_5
PV5 Voltage	10	Modified	Tag: U_DC_STRING_[5] → U_DC_STRING_5
PV6 Current	13	Modified	Tag: I_DC_STRING_[6] → I_DC_STRING_6
PV6 Voltage	12	Modified	Tag: U_DC_STRING_[6] → U_DC_STRING_6
PV7 Current	15	Modified	Tag: I_DC_STRING_[7] → I_DC_STRING_7
PV7 Voltage	14	Modified	Tag: U_DC_STRING_[7] → U_DC_STRING_7
PV8 Current	17	Modified	Tag: I_DC_STRING_[8] → I_DC_STRING_8
PV8 Voltage	16	Modified	Tag: U_DC_STRING_[8] → U_DC_STRING_8
PV9 Current	19	Modified	Tag: I_DC_STRING_[9] → I_DC_STRING_9
PV9 Voltage	18	Modified	Tag: U_DC_STRING_[9] → U_DC_STRING_9

3.1.6 W_Goodwe_HT_others_Series.csv

Status: **Modified**



Variable	Index	Change	Details
PV1 Current	3	Modified	Tag: I_DC_STRING_[1] → I_DC_STRING_1
PV1 Voltage	2	Modified	Tag: U_DC_STRING_[1] → U_DC_STRING_1
PV10 Current	21	Modified	Tag: I_DC_STRING_[10] → I_DC_STRING_10
PV10 Voltage	20	Modified	Tag: U_DC_STRING_[10] → U_DC_STRING_10
PV11 Current	23	Modified	Tag: I_DC_STRING_[11] → I_DC_STRING_11
PV11 Voltage	22	Modified	Tag: U_DC_STRING_[11] → U_DC_STRING_11
PV12 Current	25	Modified	Tag: I_DC_STRING_[12] → I_DC_STRING_12
PV12 Voltage	24	Modified	Tag: U_DC_STRING_[12] → U_DC_STRING_12
PV13 Current	27	Modified	Tag: I_DC_STRING_[13] → I_DC_STRING_13
PV13 Voltage	26	Modified	Tag: U_DC_STRING_[13] → U_DC_STRING_13
PV14 Current	29	Modified	Tag: I_DC_STRING_[14] → I_DC_STRING_14
PV14 Voltage	28	Modified	Tag: U_DC_STRING_[14] → U_DC_STRING_14
PV15 Current	31	Modified	Tag: I_DC_STRING_[15] → I_DC_STRING_15
PV15 Voltage	30	Modified	Tag: U_DC_STRING_[15] → U_DC_STRING_15
PV16 Current	33	Modified	Tag: I_DC_STRING_[16] → I_DC_STRING_16
PV16 Voltage	32	Modified	Tag: U_DC_STRING_[16] → U_DC_STRING_16
PV17 Current	35	Modified	Tag: I_DC_STRING_[17] → I_DC_STRING_17
PV17 Voltage	34	Modified	Tag: U_DC_STRING_[17] → U_DC_STRING_17
PV18 Current	37	Modified	Tag: I_DC_STRING_[18] → I_DC_STRING_18
PV18 Voltage	36	Modified	Tag: U_DC_STRING_[18] → U_DC_STRING_18
PV19 Current	39	Modified	Tag: I_DC_STRING_[19] → I_DC_STRING_19
PV19 Voltage	38	Modified	Tag: U_DC_STRING_[19] → U_DC_STRING_19
PV2 Current	5	Modified	Tag: I_DC_STRING_[2] → I_DC_STRING_2
PV2 Voltage	4	Modified	Tag: U_DC_STRING_[2] → U_DC_STRING_2
PV20 Current	41	Modified	Tag: I_DC_STRING_[20] → I_DC_STRING_20
PV20 Voltage	40	Modified	Tag: U_DC_STRING_[20] → U_DC_STRING_20
PV21 Current	43	Modified	Tag: I_DC_STRING_[21] → I_DC_STRING_21
PV21 Voltage	42	Modified	Tag: U_DC_STRING_[21] → U_DC_STRING_21



Variable	Index	Change	Details
PV22 Current	45	Modified	Tag: I_DC_STRING_[22] → I_DC_STRING_22
PV22 Voltage	44	Modified	Tag: U_DC_STRING_[22] → U_DC_STRING_22
PV23 Current	47	Modified	Tag: I_DC_STRING_[23] → I_DC_STRING_23
PV23 Voltage	46	Modified	Tag: U_DC_STRING_[23] → U_DC_STRING_23
PV24 Current	49	Modified	Tag: I_DC_STRING_[24] → I_DC_STRING_24
PV24 Voltage	48	Modified	Tag: U_DC_STRING_[24] → U_DC_STRING_24
PV3 Current	7	Modified	Tag: I_DC_STRING_[3] → I_DC_STRING_3
PV3 Voltage	6	Modified	Tag: U_DC_STRING_[3] → U_DC_STRING_3
PV4 Current	9	Modified	Tag: I_DC_STRING_[4] → I_DC_STRING_4
PV4 Voltage	8	Modified	Tag: U_DC_STRING_[4] → U_DC_STRING_4
PV5 Current	11	Modified	Tag: I_DC_STRING_[5] → I_DC_STRING_5
PV5 Voltage	10	Modified	Tag: U_DC_STRING_[5] → U_DC_STRING_5
PV6 Current	13	Modified	Tag: I_DC_STRING_[6] → I_DC_STRING_6
PV6 Voltage	12	Modified	Tag: U_DC_STRING_[6] → U_DC_STRING_6
PV7 Current	15	Modified	Tag: I_DC_STRING_[7] → I_DC_STRING_7
PV7 Voltage	14	Modified	Tag: U_DC_STRING_[7] → U_DC_STRING_7
PV8 Current	17	Modified	Tag: I_DC_STRING_[8] → I_DC_STRING_8
PV8 Voltage	16	Modified	Tag: U_DC_STRING_[8] → U_DC_STRING_8
PV9 Current	19	Modified	Tag: I_DC_STRING_[9] → I_DC_STRING_9
PV9 Voltage	18	Modified	Tag: U_DC_STRING_[9] → U_DC_STRING_9

3.1.7 W_Growatt_MAX1500V_MAX-XLV_Series.csv

Status: **Modified**



Variable	Index	Change	Details
PV String1 current	272	Modified	Tag: I_DC_STRING_[1] → I_DC_STRING_1
PV String1 voltage	271	Modified	Tag: U_DC_STRING_[1] → U_DC_STRING_1
PV String10 current	290	Modified	Tag: I_DC_STRING_[10] → I_DC_STRING_10
PV String10 voltage	289	Modified	Tag: U_DC_STRING_[10] → U_DC_STRING_10
PV String11 current	292	Modified	Tag: I_DC_STRING_[11] → I_DC_STRING_11
PV String11 voltage	291	Modified	Tag: U_DC_STRING_[11] → U_DC_STRING_11
PV String12 current	294	Modified	Tag: I_DC_STRING_[12] → I_DC_STRING_12
PV String12 voltage	293	Modified	Tag: U_DC_STRING_[12] → U_DC_STRING_12
PV String13 current	296	Modified	Tag: I_DC_STRING_[13] → I_DC_STRING_13
PV String13 voltage	295	Modified	Tag: U_DC_STRING_[13] → U_DC_STRING_13
PV String14 current	298	Modified	Tag: I_DC_STRING_[14] → I_DC_STRING_14
PV String14 voltage	297	Modified	Tag: U_DC_STRING_[14] → U_DC_STRING_14
PV String15 current	300	Modified	Tag: I_DC_STRING_[15] → I_DC_STRING_15
PV String15 voltage	299	Modified	Tag: U_DC_STRING_[15] → U_DC_STRING_15
PV String16 current	302	Modified	Tag: I_DC_STRING_[16] → I_DC_STRING_16
PV String16 voltage	301	Modified	Tag: U_DC_STRING_[16] → U_DC_STRING_16
PV String17 current	429	Modified	Tag: I_DC_STRING_[17] → I_DC_STRING_17
PV String17 voltage	428	Modified	Tag: U_DC_STRING_[17] → U_DC_STRING_17
PV String18 current	431	Modified	Tag: I_DC_STRING_[18] → I_DC_STRING_18
PV String18 voltage	430	Modified	Tag: U_DC_STRING_[18] → U_DC_STRING_18
PV String19 current	433	Modified	Tag: I_DC_STRING_[19] → I_DC_STRING_19
PV String19 voltage	432	Modified	Tag: U_DC_STRING_[19] → U_DC_STRING_19
PV String2 current	274	Modified	Tag: I_DC_STRING_[2] → I_DC_STRING_2



Variable	Index	Change	Details
PV String2 voltage	273	Modified	Tag: U_DC_STRING_[2] → U_DC_STRING_2
PV String20 current	435	Modified	Tag: I_DC_STRING_[20] → I_DC_STRING_20
PV String20 voltage	434	Modified	Tag: U_DC_STRING_[20] → U_DC_STRING_20
PV String21 current	437	Modified	Tag: I_DC_STRING_[21] → I_DC_STRING_21
PV String21 voltage	436	Modified	Tag: U_DC_STRING_[21] → U_DC_STRING_21
PV String22 current	439	Modified	Tag: I_DC_STRING_[22] → I_DC_STRING_22
PV String22 voltage	438	Modified	Tag: U_DC_STRING_[22] → U_DC_STRING_22
PV String23 current	441	Modified	Tag: I_DC_STRING_[23] → I_DC_STRING_23
PV String23 voltage	440	Modified	Tag: U_DC_STRING_[23] → U_DC_STRING_23
PV String24 current	443	Modified	Tag: I_DC_STRING_[24] → I_DC_STRING_24
PV String24 voltage	442	Modified	Tag: U_DC_STRING_[24] → U_DC_STRING_24
PV String25 current	445	Modified	Tag: I_DC_STRING_[25] → I_DC_STRING_25
PV String25 voltage	444	Modified	Tag: U_DC_STRING_[25] → U_DC_STRING_25
PV String26 current	447	Modified	Tag: I_DC_STRING_[26] → I_DC_STRING_26
PV String26 voltage	446	Modified	Tag: U_DC_STRING_[26] → U_DC_STRING_26
PV String27 current	449	Modified	Tag: I_DC_STRING_[27] → I_DC_STRING_27
PV String27 voltage	448	Modified	Tag: U_DC_STRING_[27] → U_DC_STRING_27
PV String28 current	451	Modified	Tag: I_DC_STRING_[28] → I_DC_STRING_28
PV String28 voltage	450	Modified	Tag: U_DC_STRING_[28] → U_DC_STRING_28
PV String29 current	453	Modified	Tag: I_DC_STRING_[29] → I_DC_STRING_29
PV String29 voltage	452	Modified	Tag: U_DC_STRING_[29] → U_DC_STRING_29
PV String3 current	276	Modified	Tag: I_DC_STRING_[3] → I_DC_STRING_3
PV String3 voltage	275	Modified	Tag: U_DC_STRING_[3] → U_DC_STRING_3



Variable	Index	Change	Details
PV String30 current	455	Modified	Tag: I_DC_STRING_[30] → I_DC_STRING_30
PV String30 voltage	454	Modified	Tag: U_DC_STRING_[30] → U_DC_STRING_30
PV String31 current	457	Modified	Tag: I_DC_STRING_[31] → I_DC_STRING_31
PV String31 voltage	456	Modified	Tag: U_DC_STRING_[31] → U_DC_STRING_31
PV String32 current	459	Modified	Tag: I_DC_STRING_[32] → I_DC_STRING_32
PV String32 voltage	458	Modified	Tag: U_DC_STRING_[32] → U_DC_STRING_32
PV String4 current	278	Modified	Tag: I_DC_STRING_[4] → I_DC_STRING_4
PV String4 voltage	277	Modified	Tag: U_DC_STRING_[4] → U_DC_STRING_4
PV String5 current	280	Modified	Tag: I_DC_STRING_[5] → I_DC_STRING_5
PV String5 voltage	279	Modified	Tag: U_DC_STRING_[5] → U_DC_STRING_5
PV String6 current	282	Modified	Tag: I_DC_STRING_[6] → I_DC_STRING_6
PV String6 voltage	281	Modified	Tag: U_DC_STRING_[6] → U_DC_STRING_6
PV String7 current	284	Modified	Tag: I_DC_STRING_[7] → I_DC_STRING_7
PV String7 voltage	283	Modified	Tag: U_DC_STRING_[7] → U_DC_STRING_7
PV String8 current	286	Modified	Tag: I_DC_STRING_[8] → I_DC_STRING_8
PV String8 voltage	285	Modified	Tag: U_DC_STRING_[8] → U_DC_STRING_8
PV String9 current	288	Modified	Tag: I_DC_STRING_[9] → I_DC_STRING_9
PV String9 voltage	287	Modified	Tag: U_DC_STRING_[9] → U_DC_STRING_9
PV1 input current	173	Modified	Tag: I_DC_MPPT_[1] → I_DC_MPPT_1
PV1 input power	174	Modified	Tag: P_DC_MPPT_[1] → P_DC_MPPT_1
PV1 voltage	172	Modified	Tag: U_DC_MPPT_[1] → U_DC_MPPT_1
PV10 input current	376	Modified	Tag: I_DC_MPPT_[10] → I_DC_MPPT_10
PV10 input power	377	Modified	Tag: P_DC_MPPT_[10] → P_DC_MPPT_10
PV10 voltage	375	Modified	Tag: U_DC_MPPT_[10] → U_DC_MPPT_10
PV11 input current	379	Modified	Tag: I_DC_MPPT_[11] → I_DC_MPPT_11
PV11 input power	380	Modified	Tag: P_DC_MPPT_[11] → P_DC_MPPT_11
PV11 voltage	378	Modified	Tag: U_DC_MPPT_[11] → U_DC_MPPT_11



Variable	Index	Change	Details
PV12 input current	382	Modified	Tag: I_DC_MPPT_[12] → I_DC_MPPT_12
PV12 input power	383	Modified	Tag: P_DC_MPPT_[12] → P_DC_MPPT_12
PV12 voltage	381	Modified	Tag: U_DC_MPPT_[12] → U_DC_MPPT_12
PV13 input current	385	Modified	Tag: I_DC_MPPT_[13] → I_DC_MPPT_13
PV13 input power	386	Modified	Tag: P_DC_MPPT_[13] → P_DC_MPPT_13
PV13 voltage	384	Modified	Tag: U_DC_MPPT_[13] → U_DC_MPPT_13
PV14 input current	388	Modified	Tag: I_DC_MPPT_[14] → I_DC_MPPT_14
PV14 input power	389	Modified	Tag: P_DC_MPPT_[14] → P_DC_MPPT_14
PV14 voltage	387	Modified	Tag: U_DC_MPPT_[14] → U_DC_MPPT_14
PV15 input current	391	Modified	Tag: I_DC_MPPT_[15] → I_DC_MPPT_15
PV15 input power	392	Modified	Tag: P_DC_MPPT_[15] → P_DC_MPPT_15
PV15 voltage	390	Modified	Tag: U_DC_MPPT_[15] → U_DC_MPPT_15
PV16 input current	394	Modified	Tag: I_DC_MPPT_[16] → I_DC_MPPT_16
PV16 input power	395	Modified	Tag: P_DC_MPPT_[16] → P_DC_MPPT_16
PV16 voltage	393	Modified	Tag: U_DC_MPPT_[16] → U_DC_MPPT_16
PV2 input current	176	Modified	Tag: I_DC_MPPT_[2] → I_DC_MPPT_2
PV2 input power	177	Modified	Tag: P_DC_MPPT_[2] → P_DC_MPPT_2
PV2 voltage	175	Modified	Tag: U_DC_MPPT_[2] → U_DC_MPPT_2
PV3 input current	179	Modified	Tag: I_DC_MPPT_[3] → I_DC_MPPT_3
PV3 input power	180	Modified	Tag: P_DC_MPPT_[3] → P_DC_MPPT_3
PV3 voltage	178	Modified	Tag: U_DC_MPPT_[3] → U_DC_MPPT_3
PV4 input current	182	Modified	Tag: I_DC_MPPT_[4] → I_DC_MPPT_4
PV4 input power	183	Modified	Tag: P_DC_MPPT_[4] → P_DC_MPPT_4
PV4 voltage	181	Modified	Tag: U_DC_MPPT_[4] → U_DC_MPPT_4
PV5 input current	185	Modified	Tag: I_DC_MPPT_[5] → I_DC_MPPT_5
PV5 input power	186	Modified	Tag: P_DC_MPPT_[5] → P_DC_MPPT_5
PV5 voltage	184	Modified	Tag: U_DC_MPPT_[5] → U_DC_MPPT_5
PV6 input current	188	Modified	Tag: I_DC_MPPT_[6] → I_DC_MPPT_6



Variable	Index	Change	Details
PV6 input power	189	Modified	Tag: P_DC_MPPT_[6] → P_DC_MPPT_6
PV6 voltage	187	Modified	Tag: U_DC_MPPT_[6] → U_DC_MPPT_6
PV7 input current	191	Modified	Tag: I_DC_MPPT_[7] → I_DC_MPPT_7
PV7 input power	192	Modified	Tag: P_DC_MPPT_[7] → P_DC_MPPT_7
PV7 voltage	190	Modified	Tag: U_DC_MPPT_[7] → U_DC_MPPT_7
PV8 input current	194	Modified	Tag: I_DC_MPPT_[8] → I_DC_MPPT_8
PV8 input power	195	Modified	Tag: P_DC_MPPT_[8] → P_DC_MPPT_8
PV8 voltage	193	Modified	Tag: U_DC_MPPT_[8] → U_DC_MPPT_8
PV9 input current	373	Modified	Tag: I_DC_MPPT_[9] → I_DC_MPPT_9
PV9 input power	374	Modified	Tag: P_DC_MPPT_[9] → P_DC_MPPT_9
PV9 voltage	372	Modified	Tag: U_DC_MPPT_[9] → U_DC_MPPT_9
Three phase grid output current 2	202	Modified	Tag: I_AC_[2] → I_AC_2
Three phase grid output current 3	205	Modified	Tag: I_AC_[3] → I_AC_3
Three phase grid output power 2	203	Modified	Tag: S_AC_[2] → S_AC_2
Three phase grid output power 3	206	Modified	Tag: S_AC_[3] → S_AC_3
Three phase grid voltage 2	201	Modified	Tag: U_AC_[2] → U_AC_2
Three phase grid voltage 3	204	Modified	Tag: U_AC_[3] → U_AC_3
Three/single phase grid output current	199	Modified	Tag: I_AC_[1] → I_AC_1
Three/single phase grid output watt VA	200	Modified	Tag: S_AC_[1] → S_AC_1
Three/single phase grid voltage	198	Modified	Tag: U_AC_[1] → U_AC_1

3.1.8 W_Growatt_MOD_TL3-XH_Series.csv

Status: **Modified**



Variable	Index	Change	Details
PV1 input current_1	225	Modified	Tag: I_DC_MPPT_[1] → I_DC_MPPT_1
PV1 power_1	226	Modified	Tag: P_DC_MPPT_[1] → P_DC_MPPT_1
PV1 voltage_1	224	Modified	Tag: U_DC_MPPT_[1] → U_DC_MPPT_1
PV2 input current_1	228	Modified	Tag: I_DC_MPPT_[2] → I_DC_MPPT_2
PV2 power_1	229	Modified	Tag: P_DC_MPPT_[2] → P_DC_MPPT_2
PV2 voltage_1	227	Modified	Tag: U_DC_MPPT_[2] → U_DC_MPPT_2
PV3 input current_1	231	Modified	Tag: I_DC_MPPT_[3] → I_DC_MPPT_3
PV3 power_1	232	Modified	Tag: P_DC_MPPT_[3] → P_DC_MPPT_3
PV3 voltage_1	230	Modified	Tag: U_DC_MPPT_[3] → U_DC_MPPT_3
PV4 input current_1	234	Modified	Tag: I_DC_MPPT_[4] → I_DC_MPPT_4
PV4 power_1	235	Modified	Tag: P_DC_MPPT_[4] → P_DC_MPPT_4
PV4 voltage_1	233	Modified	Tag: U_DC_MPPT_[4] → U_DC_MPPT_4
Three phase grid output current_2	244	Modified	Tag: I_AC_[2] → I_AC_2
Three phase grid output current_3	247	Modified	Tag: I_AC_[3] → I_AC_3
Three phase grid output power_2	245	Modified	Tag: S_AC_[2] → S_AC_2
Three phase grid output power_3	248	Modified	Tag: S_AC_[3] → S_AC_3
Three phase grid voltage_2	243	Modified	Tag: U_AC_[2] → U_AC_2
Three phase grid voltage_3	246	Modified	Tag: U_AC_[3] → U_AC_3
Three/single phase grid output current_1	241	Modified	Tag: I_AC_[1] → I_AC_1
Three/single phase grid output watt_1	242	Modified	Tag: S_AC_[1] → S_AC_1
Three/single phase grid voltage_1	240	Modified	Tag: U_AC_[1] → U_AC_1

3.1.9 W_Growatt_TL-X_TL-XH_Series.csv

Status: **Modified**



Variable	Index	Change	Details
PV1 input current_1	225	Modified	Tag: I_DC_MPPT_[1] → I_DC_MPPT_1
PV1 power_1	226	Modified	Tag: P_DC_MPPT_[1] → P_DC_MPPT_1
PV1 voltage_1	224	Modified	Tag: U_DC_MPPT_[1] → U_DC_MPPT_1
PV2 input current_1	228	Modified	Tag: I_DC_MPPT_[2] → I_DC_MPPT_2
PV2 power_1	229	Modified	Tag: P_DC_MPPT_[2] → P_DC_MPPT_2
PV2 voltage_1	227	Modified	Tag: U_DC_MPPT_[2] → U_DC_MPPT_2
PV3 input current_1	231	Modified	Tag: I_DC_MPPT_[3] → I_DC_MPPT_3
PV3 power_1	232	Modified	Tag: P_DC_MPPT_[3] → P_DC_MPPT_3
PV3 voltage_1	230	Modified	Tag: U_DC_MPPT_[3] → U_DC_MPPT_3
PV4 input current_1	234	Modified	Tag: I_DC_MPPT_[4] → I_DC_MPPT_4
PV4 power_1	235	Modified	Tag: P_DC_MPPT_[4] → P_DC_MPPT_4
PV4 voltage_1	233	Modified	Tag: U_DC_MPPT_[4] → U_DC_MPPT_4
Three phase grid output current_2	244	Modified	Tag: I_AC_[2] → I_AC_2
Three phase grid output current_3	247	Modified	Tag: I_AC_[3] → I_AC_3
Three phase grid output power_2	245	Modified	Tag: S_AC_[2] → S_AC_2
Three phase grid output power_3	248	Modified	Tag: S_AC_[3] → S_AC_3
Three phase grid voltage_2	243	Modified	Tag: U_AC_[2] → U_AC_2
Three phase grid voltage_3	246	Modified	Tag: U_AC_[3] → U_AC_3
Three/single phase grid output current_1	241	Modified	Tag: I_AC_[1] → I_AC_1
Three/single phase grid output watt_1	242	Modified	Tag: S_AC_[1] → S_AC_1
Three/single phase grid voltage_1	240	Modified	Tag: U_AC_[1] → U_AC_1

3.1.10 W_Growatt_TL3-X_Series.csv

Status: **Modified**



Variable	Index	Change	Details
PV String1 current	272	Modified	Tag: I_DC_STRING_[1] → I_DC_STRING_1
PV String1 voltage	271	Modified	Tag: U_DC_STRING_[1] → U_DC_STRING_1
PV String10 current	290	Modified	Tag: I_DC_STRING_[10] → I_DC_STRING_10
PV String10 voltage	289	Modified	Tag: U_DC_STRING_[10] → U_DC_STRING_10
PV String11 current	292	Modified	Tag: I_DC_STRING_[11] → I_DC_STRING_11
PV String11 voltage	291	Modified	Tag: U_DC_STRING_[11] → U_DC_STRING_11
PV String12 current	294	Modified	Tag: I_DC_STRING_[12] → I_DC_STRING_12
PV String12 voltage	293	Modified	Tag: U_DC_STRING_[12] → U_DC_STRING_12
PV String13 current	296	Modified	Tag: I_DC_STRING_[13] → I_DC_STRING_13
PV String13 voltage	295	Modified	Tag: U_DC_STRING_[13] → U_DC_STRING_13
PV String14 current	298	Modified	Tag: I_DC_STRING_[14] → I_DC_STRING_14
PV String14 voltage	297	Modified	Tag: U_DC_STRING_[14] → U_DC_STRING_14
PV String15 current	300	Modified	Tag: I_DC_STRING_[15] → I_DC_STRING_15
PV String15 voltage	299	Modified	Tag: U_DC_STRING_[15] → U_DC_STRING_15
PV String16 current	302	Modified	Tag: I_DC_STRING_[16] → I_DC_STRING_16
PV String16 voltage	301	Modified	Tag: U_DC_STRING_[16] → U_DC_STRING_16
PV String2 current	274	Modified	Tag: I_DC_STRING_[2] → I_DC_STRING_2
PV String2 voltage	273	Modified	Tag: U_DC_STRING_[2] → U_DC_STRING_2
PV String3 current	276	Modified	Tag: I_DC_STRING_[3] → I_DC_STRING_3
PV String3 voltage	275	Modified	Tag: U_DC_STRING_[3] → U_DC_STRING_3
PV String4 current	278	Modified	Tag: I_DC_STRING_[4] → I_DC_STRING_4
PV String4 voltage	277	Modified	Tag: U_DC_STRING_[4] → U_DC_STRING_4
PV String5 current	280	Modified	Tag: I_DC_STRING_[5] → I_DC_STRING_5
PV String5 voltage	279	Modified	Tag: U_DC_STRING_[5] → U_DC_STRING_5
PV String6 current	282	Modified	Tag: I_DC_STRING_[6] → I_DC_STRING_6



Variable	Index	Change	Details
PV String6 voltage	281	Modified	Tag: U_DC_STRING_[6] → U_DC_STRING_6
PV String7 current	284	Modified	Tag: I_DC_STRING_[7] → I_DC_STRING_7
PV String7 voltage	283	Modified	Tag: U_DC_STRING_[7] → U_DC_STRING_7
PV String8 current	286	Modified	Tag: I_DC_STRING_[8] → I_DC_STRING_8
PV String8 voltage	285	Modified	Tag: U_DC_STRING_[8] → U_DC_STRING_8
PV String9 current	288	Modified	Tag: I_DC_STRING_[9] → I_DC_STRING_9
PV String9 voltage	287	Modified	Tag: U_DC_STRING_[9] → U_DC_STRING_9
PV1 input current	173	Modified	Tag: I_DC_MPPT_[1] → I_DC_MPPT_1
PV1 input power	174	Modified	Tag: P_DC_MPPT_[1] → P_DC_MPPT_1
PV1 voltage	172	Modified	Tag: U_DC_MPPT_[1] → U_DC_MPPT_1
PV2 input current	176	Modified	Tag: I_DC_MPPT_[2] → I_DC_MPPT_2
PV2 input power	177	Modified	Tag: P_DC_MPPT_[2] → P_DC_MPPT_2
PV2 voltage	175	Modified	Tag: U_DC_MPPT_[2] → U_DC_MPPT_2
PV3 input current	179	Modified	Tag: I_DC_MPPT_[3] → I_DC_MPPT_3
PV3 input power	180	Modified	Tag: P_DC_MPPT_[3] → P_DC_MPPT_3
PV3 voltage	178	Modified	Tag: U_DC_MPPT_[3] → U_DC_MPPT_3
PV4 input current	182	Modified	Tag: I_DC_MPPT_[4] → I_DC_MPPT_4
PV4 input power	183	Modified	Tag: P_DC_MPPT_[4] → P_DC_MPPT_4
PV4 voltage	181	Modified	Tag: U_DC_MPPT_[4] → U_DC_MPPT_4
PV5 input current	185	Modified	Tag: I_DC_MPPT_[5] → I_DC_MPPT_5
PV5 input power	186	Modified	Tag: P_DC_MPPT_[5] → P_DC_MPPT_5
PV5 voltage	184	Modified	Tag: U_DC_MPPT_[5] → U_DC_MPPT_5
PV6 input current	188	Modified	Tag: I_DC_MPPT_[6] → I_DC_MPPT_6
PV6 input power	189	Modified	Tag: P_DC_MPPT_[6] → P_DC_MPPT_6
PV6 voltage	187	Modified	Tag: U_DC_MPPT_[6] → U_DC_MPPT_6
PV7 input current	191	Modified	Tag: I_DC_MPPT_[7] → I_DC_MPPT_7
PV7 input power	192	Modified	Tag: P_DC_MPPT_[7] → P_DC_MPPT_7
PV7 voltage	190	Modified	Tag: U_DC_MPPT_[7] → U_DC_MPPT_7



Variable	Index	Change	Details
PV8 input current	194	Modified	Tag: I_DC_MPPT_[8] → I_DC_MPPT_8
PV8 input power	195	Modified	Tag: P_DC_MPPT_[8] → P_DC_MPPT_8
PV8 voltage	193	Modified	Tag: U_DC_MPPT_[8] → U_DC_MPPT_8
Three phase grid output current 2	202	Modified	Tag: I_AC_[2] → I_AC_2
Three phase grid output current 3	205	Modified	Tag: I_AC_[3] → I_AC_3
Three phase grid output power 2	203	Modified	Tag: S_AC_[2] → S_AC_2
Three phase grid output power 3	206	Modified	Tag: S_AC_[3] → S_AC_3
Three phase grid voltage 2	201	Modified	Tag: U_AC_[2] → U_AC_2
Three phase grid voltage 3	204	Modified	Tag: U_AC_[3] → U_AC_3
Three/single phase grid output current	199	Modified	Tag: I_AC_[1] → I_AC_1
Three/single phase grid output watt VA	200	Modified	Tag: S_AC_[1] → S_AC_1
Three/single phase grid voltage	198	Modified	Tag: U_AC_[1] → U_AC_1

3.1.11 W_Kaco_NX1-NX3_Series.csv

Status: **Modified**

Variable	Index	Change	Details
Serial Number	3	Modified	Tag: DisplaySerialNumber → SERIAL

3.1.12 W_Kostal_Modbus.csv

Status: **Modified**

Variable	Index	Change	Details
Serial number	42	Modified	Tag: DisplaySerialNumber → SERIAL

3.1.13 W_KOSTAL_PIKO_CI.csv

Status: **Modified**

Variable	Index	Change	Details
Inverter serial number_1	74	Modified	Tag: DisplaySerialNumber → SERIAL



3.1.14 W_KSTAR_KIG1-250K.csv

Status: **Modified**

Variable	Index	Change	Details
Set the active power_1	217	Modified	Tag: cmdPwr → CMD_P_AC_SET_ABS

3.1.15 W_SAJ_Sununo_Plus_Suntrio.csv

Status: **Modified**

Variable	Index	Change	Details
Serial Number	4	Modified	Tag: DisplaySerialNumber → SERIAL

3.1.16 W_SMA_Generic.csv

Status: **Modified**

Variable	Index	Change	Details
Serial number	3	Modified	Tag: DisplaySerialNumber → SERIAL

3.1.17 W_SMA_STP_X.csv

Status: **Modified**

Variable	Index	Change	Details
Numero de serie_0	1	Modified	Tag: DisplaySerialNumber → SERIAL

3.2 Meter

3.2.1 W_ABB_B21-B23-B24.csv

Status: **Modified**

Variable	Index	Change	Details
Active_power L1	70	Modified	Tag: ActivePow1kW → P_AC_1
Active_power L2	71	Modified	Tag: ActivePow2kW → P_AC_2
Active_power L3	72	Modified	Tag: ActivePow3kW → P_AC_3

3.2.2 W_ABB_M2M_Meter.csv

Status: **Modified**



Variable	Index	Change	Details
Active Power Line 1	21	Modified	Tag: ActivePow1kW → P_AC_1
Active Power Line 2	22	Modified	Tag: ActivePow2kW → P_AC_2
Active Power Line 3	23	Modified	Tag: ActivePow3kW → P_AC_3

3.2.3 W_Algodue_UPM209-309.csv

Status: **Modified**

Variable	Index	Change	Details
Phase 1 active power	13	Modified	Tag: ActivePow1kW → P_AC_1
Phase 2 active power	14	Modified	Tag: ActivePow2kW → P_AC_2
Phase 3 active power	15	Modified	Tag: ActivePow3kW → P_AC_3

3.2.4 W_Carlo_Gavazzi_EM210.csv

Status: **Modified**

Variable	Index	Change	Details
power1	7	Modified	Tag: ActivePow1kW → P_AC_1
power2	8	Modified	Tag: ActivePow2kW → P_AC_2
power3	9	Modified	Tag: ActivePow3kW → P_AC_3

3.2.5 W_CHAUVIN-ARNOUX_Ulys_TT-M.csv

Status: **Modified**

Variable	Index	Change	Details
PwrPhase1	8	Modified	Tag: ActivePow1kW → P_AC_1
PwrPhase2	9	Modified	Tag: ActivePow2kW → P_AC_2
PwrPhase3	10	Modified	Tag: ActivePow3kW → P_AC_3

3.2.6 W_CHINT_DTSU666.csv

Status: **Modified**



Variable	Index	Change	Details
Pa	11	Modified	Tag: ActivePow1kW → P_AC_1
Pb	12	Modified	Tag: ActivePow2kW → P_AC_2
Pc	13	Modified	Tag: ActivePow3kW → P_AC_3

3.2.7 W_CIRCUTOR_CVME3MINI.csv

Status: **Modified**

Variable	Index	Change	Details
Active power L1	3	Modified	Tag: ActivePow1kW → P_AC_1
Active power L2	11	Modified	Tag: ActivePow2kW → P_AC_2
Active power L3	19	Modified	Tag: ActivePow3kW → P_AC_3

3.2.8 W_ECO_ADAPT_POWERELEC_6.csv

Status: **Modified**

Variable	Index	Change	Details
Power active_1_0	78	Modified	Tag: ActivePow1kW → P_AC_1
Power active_1_1	79	Modified	Tag: ActivePow2kW → P_AC_2
Power active_1_2	80	Modified	Tag: ActivePow3kW → P_AC_3

3.2.9 W_EDMI_Mk6.csv

Status: **Modified**

Variable	Index	Change	Details
Ph A Watts	51	Modified	Tag: ActivePow1kW → P_AC_1
Ph B Watts	52	Modified	Tag: ActivePow2kW → P_AC_2
Ph C Watts	53	Modified	Tag: ActivePow3kW → P_AC_3

3.2.10 W_HAGER_Generic.csv

Status: **Modified**



Variable	Index	Change	Details
P(L1)	28	Modified	Tag: ActivePow1kW → P_AC_1
P(L2)	29	Modified	Tag: ActivePow2kW → P_AC_2
P(L3)	30	Modified	Tag: ActivePow3kW → P_AC_3

3.2.11 W_HUAWEI_Power_Meter.csv

Status: **Modified**

Variable	Index	Change	Details
Phase A active power	36	Modified	Tag: ActivePow1kW → P_AC_1
Phase B active power	37	Modified	Tag: ActivePow2kW → P_AC_2
Phase C active power	38	Modified	Tag: ActivePow3kW → P_AC_3

3.2.12 W_Inepro_PRO380-MOD-CT.csv

Status: **Modified**

Variable	Index	Change	Details
power1	8	Modified	Tag: ActivePow1kW → P_AC_1
power2	9	Modified	Tag: ActivePow2kW → P_AC_2
power3	10	Modified	Tag: ActivePow3kW → P_AC_3

3.2.13 W_Legrand_LEG412052.csv

Status: **Modified**

Variable	Index	Change	Details
Phase 1 _ active power	27	Modified	Tag: ActivePow1kW → P_AC_1
Phase 2 _ active power	28	Modified	Tag: ActivePow2kW → P_AC_2
Phase 3 _ active power	29	Modified	Tag: ActivePow3kW → P_AC_3

3.2.14 W_Lettel_MAP4-34RJ.csv

Status: **Modified**



Variable	Index	Change	Details
L1_Pc	14	Modified	Tag: ActivePow3kW → P_AC_3
L1_Pa	12	Modified	Tag: ActivePow1kW → P_AC_1
L1_Pb	13	Modified	Tag: ActivePow2kW → P_AC_2

3.2.15 W_Lettel_MCT4-45.csv

Status: **Modified**

Variable	Index	Change	Details
A Phase active power	10	Modified	Tag: ActivePow1kW → P_AC_1
B Phase active power	11	Modified	Tag: ActivePow2kW → P_AC_2
C Phase active power	12	Modified	Tag: ActivePow3kW → P_AC_3

3.2.16 W_Lettel_MCX4-34.csv

Status: **Modified**

Variable	Index	Change	Details
Phase 1 active power.	7	Modified	Tag: ActivePow1kW → P_AC_1
Phase 2 active power.	8	Modified	Tag: ActivePow2kW → P_AC_2
Phase 3 active power.	9	Modified	Tag: ActivePow3kW → P_AC_3

3.2.17 W_Lettel_MCX4-34V.csv

Status: **Modified**

Variable	Index	Change	Details
Phase 1 active power.	7	Modified	Tag: ActivePow1kW → P_AC_1
Phase 2 active power.	8	Modified	Tag: ActivePow2kW → P_AC_2
Phase 3 active power.	9	Modified	Tag: ActivePow3kW → P_AC_3

3.2.18 W_POLIER_MTR5LMOD.csv

Status: **Modified**



Variable	Index	Change	Details
PhaseA active power	20	Modified	Tag: ActivePow1kW → P_AC_1
PhaseB active power	21	Modified	Tag: ActivePow2kW → P_AC_2
PhaseC active power	22	Modified	Tag: ActivePow3kW → P_AC_3

3.2.19 W_Schneider_EM1200-EM1220.csv

Status: **Modified**

Variable	Index	Change	Details
W1 Active power_ phase 1	15	Modified	Tag: ActivePow1kW → P_AC_1
W2 Active power_ phase 2	16	Modified	Tag: ActivePow2kW → P_AC_2
W3 Active power_ phase 3	17	Modified	Tag: ActivePow3kW → P_AC_3

3.2.20 W_Schneider_Generic.csv

Status: **Modified**

Variable	Index	Change	Details
Active Power A	130	Modified	Tag: ActivePow1kW → P_AC_1
Active Power B	131	Modified	Tag: ActivePow2kW → P_AC_2
Active Power C	132	Modified	Tag: ActivePow3kW → P_AC_3

3.2.21 W_Schneider_IEM_3xxx.csv

Status: **Modified**

Variable	Index	Change	Details
Active Power Phase 1	18	Modified	Tag: ActivePow1kW → P_AC_1
Active Power Phase 2	19	Modified	Tag: ActivePow2kW → P_AC_2
Active Power Phase 3	20	Modified	Tag: ActivePow3kW → P_AC_3

3.2.22 W_Schneider_PM5xxx.csv

Status: **Modified**



Variable	Index	Change	Details
Active Power Phase A	18	Modified	Tag: ActivePow1kW → P_AC_1
Active Power Phase B	19	Modified	Tag: ActivePow2kW → P_AC_2
Active Power Phase C	20	Modified	Tag: ActivePow3kW → P_AC_3

3.2.23 W_SOCOMECE_COUNTIS_E23.csv

Status: **Modified**

Variable	Index	Change	Details
Active Power phase 1 __ - P1 (CT)	16	Modified	Tag: ActivePow1kW → P_AC_1
Active Power phase 2 __ - P2 (CT)	17	Modified	Tag: ActivePow2kW → P_AC_2
Active Power phase 3 __ - P3 (CT)	18	Modified	Tag: ActivePow3kW → P_AC_3

3.2.24 W_Socomec_Diris_A10.csv

Status: **Modified**

Variable	Index	Change	Details
Active Power phase 1 __ - _ P1	17	Modified	Tag: ActivePow1kW → P_AC_1
Active Power phase 2 __ - _ P2	18	Modified	Tag: ActivePow2kW → P_AC_2
Active Power phase 3 __ - _ P3	19	Modified	Tag: ActivePow3kW → P_AC_3

3.2.25 W_SOCOMECE_Diris_A40.csv

Status: **Modified**

Variable	Index	Change	Details
Active Power phase 1 __ - _ P1	17	Modified	Tag: ActivePow1kW → P_AC_1
Active Power phase 2 __ - _ P2	18	Modified	Tag: ActivePow2kW → P_AC_2
Active Power phase 3 __ - _ P3	19	Modified	Tag: ActivePow3kW → P_AC_3

3.2.26 W_SOCOMECE_DIRIS_B10.csv

Status: **Modified**



Variable	Index	Change	Details
Active_power___P1	12	Modified	Tag: ActivePow1kW → P_AC_1
Active_power___P2	13	Modified	Tag: ActivePow2kW → P_AC_2
Active_power___P3	14	Modified	Tag: ActivePow3kW → P_AC_3

3.2.27 W_Socomec_Diris_B30.csv

Status: **Modified**

Variable	Index	Change	Details
Active power _ P1	9	Modified	Tag: ActivePow1kW → P_AC_1
Active power _ P2	10	Modified	Tag: ActivePow2kW → P_AC_2
Active power _ P3	11	Modified	Tag: ActivePow3kW → P_AC_3

3.2.28 W_SOCOMECE33_E43.csv

Status: **Modified**

Variable	Index	Change	Details
Active Power phase 1 __- P1 (CT)	16	Modified	Tag: ActivePow1kW → P_AC_1
Active Power phase 2 __- P2 (CT)	17	Modified	Tag: ActivePow2kW → P_AC_2
Active Power phase 3 __- P3 (CT)	18	Modified	Tag: ActivePow3kW → P_AC_3

3.2.29 W_Weidmuller_610.csv

Status: **Modified**

Variable	Index	Change	Details
Real power L1	70	Modified	Tag: ActivePow1kW → P_AC_1
Real power L2	71	Modified	Tag: ActivePow2kW → P_AC_2
Real power L3	72	Modified	Tag: ActivePow3kW → P_AC_3

3.3 SunSpec models

3.3.1 SUNSPEC_00122.csv

Status: **Modified**

Variable	Index	Change	Details
122_ActWh	0	Modified	Tag: E_TOT → <i>empty</i>



3.3.2 SUNSPEC_00124.csv

Status: **Modified**

Variable	Index	Change	Details
124_InOutWRte_RmpTms	0	Modified	Tag: CMD_RAMP_TIME_S → <i>empty</i>

3.3.3 SUNSPEC_00401.csv

Status: **Modified**

Variable	Index	Change	Details
401_DCA	0	Modified	Tag: I_DC → <i>empty</i>
401_DCV	0	Modified	Tag: U_DC → <i>empty</i>
401_Tmp	0	Modified	Tag: TEMP_INT → <i>empty</i>

3.3.4 SUNSPEC_00402.csv

Status: **Modified**

Variable	Index	Change	Details
402_DCA	0	Modified	Tag: I_DC → <i>empty</i>
402_DCV	0	Modified	Tag: U_DC → <i>empty</i>
402_DCW	0	Modified	Tag: P_DC → <i>empty</i>
402_Tmp	0	Modified	Tag: TEMP_INT → <i>empty</i>

3.3.5 SUNSPEC_00403.csv

Status: **Modified**

Variable	Index	Change	Details
403_DCA	0	Modified	Tag: I_DC → <i>empty</i>
403_DCV	0	Modified	Tag: U_DC → <i>empty</i>
403_Tmp	0	Modified	Tag: TEMP_INT → <i>empty</i>

3.3.6 SUNSPEC_00404.csv

Status: **Modified**



Variable	Index	Change	Details
404_DCA	0	Modified	Tag: I_DC → <i>empty</i>
404_DCV	0	Modified	Tag: U_DC → <i>empty</i>
404_DCW	0	Modified	Tag: P_DC → <i>empty</i>
404_Tmp	0	Modified	Tag: TEMP_INT → <i>empty</i>

3.3.7 SUNSPEC_00501.csv

Status: **Modified**

Variable	Index	Change	Details
501_Tmp	0	Modified	Tag: TEMP_INT → <i>empty</i>

3.3.8 SUNSPEC_00502.csv

Status: **Modified**

Variable	Index	Change	Details
502_Tmp	0	Modified	Tag: TEMP_INT → <i>empty</i>

3.3.9 SUNSPEC_00701.csv

Status: **Modified**

Variable	Index	Change	Details
701_A	0	Modified	Tag: I_AC → <i>empty</i>
701_Hz	0	Modified	Tag: FREQ → <i>empty</i>
701_PF	0	Modified	Tag: PF → <i>empty</i>
701_TmpCab	0	Modified	Tag: TEMP_INT → <i>empty</i>
701_VA	0	Modified	Tag: S_AC → <i>empty</i>
701_W	0	Modified	Tag: P_AC → <i>empty</i>

3.3.10 SUNSPEC_00702.csv

Status: **Modified**

Variable	Index	Change	Details
702_VarMaxInjRtg	0	Modified	Tag: Q_RATED → <i>empty</i>
702_WMaxRtg	0	Modified	Tag: P_RATED → <i>empty</i>



3.3.11 SUNSPEC_00704.csv

Status: **Modified**

Variable	Index	Change	Details
704_VarSet	0	Modified	Tag: CMD_Q_AC_SET_ABS → <i>empty</i>
704_VarSetEna	0	Modified	Tag: CMD_Q_ENA → <i>empty</i>
704_VarSetMod	0	Modified	Tag: CMD_Q_MODE → <i>empty</i>
704_VarSetPct	0	Modified	Tag: CMD_Q_AC_SET_PERCENT → <i>empty</i>
704_WMaxLimPct	0	Modified	Tag: CMD_P_AC_LIM_PERCENT → <i>empty</i>
704_WMaxLimPctEna	0	Modified	Tag: CMD_P_ENA → <i>empty</i>
704_WMaxLimPctRvrtTms	0	Modified	Tag: CMD_REVERT_TIME_S → <i>empty</i>
704_WSet	0	Modified	Tag: CMD_P_AC_SET_ABS → <i>empty</i>
704_WSetMod	0	Modified	Tag: CMD_P_MODE → <i>empty</i>
704_WSetPct	0	Modified	Tag: CMD_P_AC_SET_PERCENT → <i>empty</i>

3.3.12 SUNSPEC_00714.csv

Status: **Modified**

Variable	Index	Change	Details
714_DCA	1	Modified	Tag: I_DC → <i>empty</i>
714_DCW	1	Modified	Tag: P_DC → <i>empty</i>