

DAYLIGHT ENERGY MASSACHUSETTS COMMISSIONING CHECKLIST

Sol-Ark 12K/15K-2P-N | Renon Xcellent Plus 16kWh | Aptos 460W | Tigo TS4-A-O (725W)

Customer Name: _____	Job #: _____
Address: _____	Date: _____
Installer: _____	PTO Granted? Y / N: _____



DAYLIGHT LOGIN CREDENTIALS

mySolArk login: _____
mySolArk password: _____
Tigo EI App / Portal login: _____
Tigo EI App / Portal password: _____

Ensure Completion of Required Photo Package (all below sections)

Section A - Material Pictures: 1A BOM packing slip (panels & optimizers) · 2A panels delivered · 3A racking delivered · 4A serial numbers from boxes · 5A plan set

Section B - Pre-installation: 1B house all corners · 2B address · 3B preexisting damage · 4B proposed install area · 5B safety anchor points & ropes

Section C - Roof Work: 1C RSD S/Ns · 2C panel S/Ns · 3C roof plains pre-install · 4C pre-existing roof damage · 5C layout w/ mounts · 6C racking install · 7C Soladeck/JB install · 8C pre-wiring Soladeck · 9C wiring in Soladeck · 10C racking bonding · 11C racking w/ optimizer/RSD · 12C roof conduit · 13C panels installed · 14C RSD attachment · 15C RSD mapping/layout · 16C tilt angle · 17C measurements/setbacks · 18C drone (optional)

Section D - Equipment Mounting & Install: 1D system overall open/prewired · 2D system overall open/wired · 3D AC disconnect · 4D fuses · 5D wire size · 6D combiner box · 7D inverter S/N + nameplate · 8D inverter wiring open/closed · 9D bonding & grounding all equipment · 10D system overall closed w/ stickers

Section E - Battery / Storage: 1E battery exterior & location · 2E battery interior wiring · 3E battery S/N + nameplate · 4E emergency panel open/closed

Section F - Interconnection: 1F interconnection tap/breaker · 2F CTs installed · 3F interconnection bonding/grounding

Section G - Post-Installation: 1G commissioning photos · 2G dongle/gateway S/N + key · 3G meter/RGM S/N · 4G site condition

A - Pre-Commissioning Verification

- ☐ **Check all wiring terminations** lugs, screws - tight and secure
- ☐ **All disconnects OFF** AC, PV, and battery disconnects
- ☐ **Confirm inverter model matches design** 12K-2P-N (1 battery, ≤12.88kW DC) OR 15K-2P-N (2 batteries, ≤19.32kW DC)
- ☐ **Confirm Renon Xcellent Plus battery count matches design** 1 unit (12K) or 2 units (15K)
- ☐ **Confirm critical load panel installed** required on every system

B - mySolArk App Setup

- ☐ **Open [mySolArk](#) app → Create New Plant** use Daylight login credentials above, or transfer the project to solar@godaylight.com post-commissioning
- ☐ **Scan inverter QR code → fill in site info**
- ☐ **Connect dongle to dongle's built-in Wi-Fi** enter dongle key at prompt
- ☐ **Connect dongle to site Wi-Fi network** 2.4GHz only
- ☐ **Confirm green status in app**
- ☐ **Settings Params → Limited to Home → Solar Sell OFF → Time of Use OFF** configure per Daylight default settings
- ☐ **Confirm Grid Sell/Solar Sell is OFF** until PTO is granted; limited power = HOME
-  **[1F]** Screenshot: mySolArk app showing green status + battery + system producing

C - Tigo EI App Setup (CCA + TAP + TS4s)

Use Daylight's Tigo EI App / Portal credentials above - do not create a new account.

- ☐ **Open [Tigo Energy Intelligence \(EI\)](#) App** log in with Daylight credentials
- ☐ **Create New System → enter CCA name** scan or enter CCA barcode
- ☐ **Enter number of TAPs for this system** accuracy required - wrong number prevents Discovery
- ☐ **Select inverter make/model (Sol-Ark) and PV module (Aptos 460W)**
- ☐ **Enter strings and panels per MPPT** check Uneven Strings box if applicable
- ☐ **Scan or enter TS4 serial numbers** peel stickers from TS4 covers and place on paper system map
- ☐ **Connect CCA to site Wi-Fi (2.4GHz)** configure via Tigo EI App

- ☐ **Tap Start Discovery** must be on-site with stable internet - takes up to 60 min
- ☐ **Confirm all TS4 units discovered** allow 60+ min before requesting support; gray modules = not yet found
-  **[1C]** TS4 serial numbers on system map (packing slip + installed S/N)
-  **[11C]** Tigo layout map showing S/N locations and string positions
-  **[1F]** Screenshot: Tigo EI App showing all TS4s discovered and producing

D - Battery & Inverter Power-Up

- ☐ **Turn main switch ON**
- ☐ **Close battery disconnect inside Sol-Ark** inverter powers up
- ☐ **Configure battery settings on inverter LCD** Battery menu → Lithium Battery → Activate → confirm charge %
- ☐ **Power cycle inverter (recommended)** turn OFF battery disconnect → wait for LCD to go dark → power back ON
- ☐ **Turn on PV disconnect** verify PV voltage is within Sol-Ark parameters first
- ☐ **Wait for Normal light to turn GREEN** audible click + fan on = ready
- ☐ **Turn on load breaker (Backup Loads AC Out)** confirm home loads have power

E - Off-Grid Test & Grid Reintroduction

- ☐ **Run off-grid 5–15 min** confirm system stability, no early errors
- ☐ **Reintroduce grid: close main AC disconnect** verify grid connection stable on LCD

 DO NOT turn on Grid Sell until PTO is granted.

F - Post-PTO Steps (after utility grants PTO)

- ☐ **mySolArk app → Settings Params → Grid Sell ON** enables net metering
- ☐ **Ensure Install Photo Package Section E: Post-Install is complete** 1E commissioning screenshots (mySolArk + Tigo) · 2E site condition/clean · 3E flashing photos
- ☐ **Ensure customer understanding of system** System walkthrough
- ☐ **Change install photo package status to “Complete” in Sitecapture** marking complete begins install picture package review

 Checklist complete