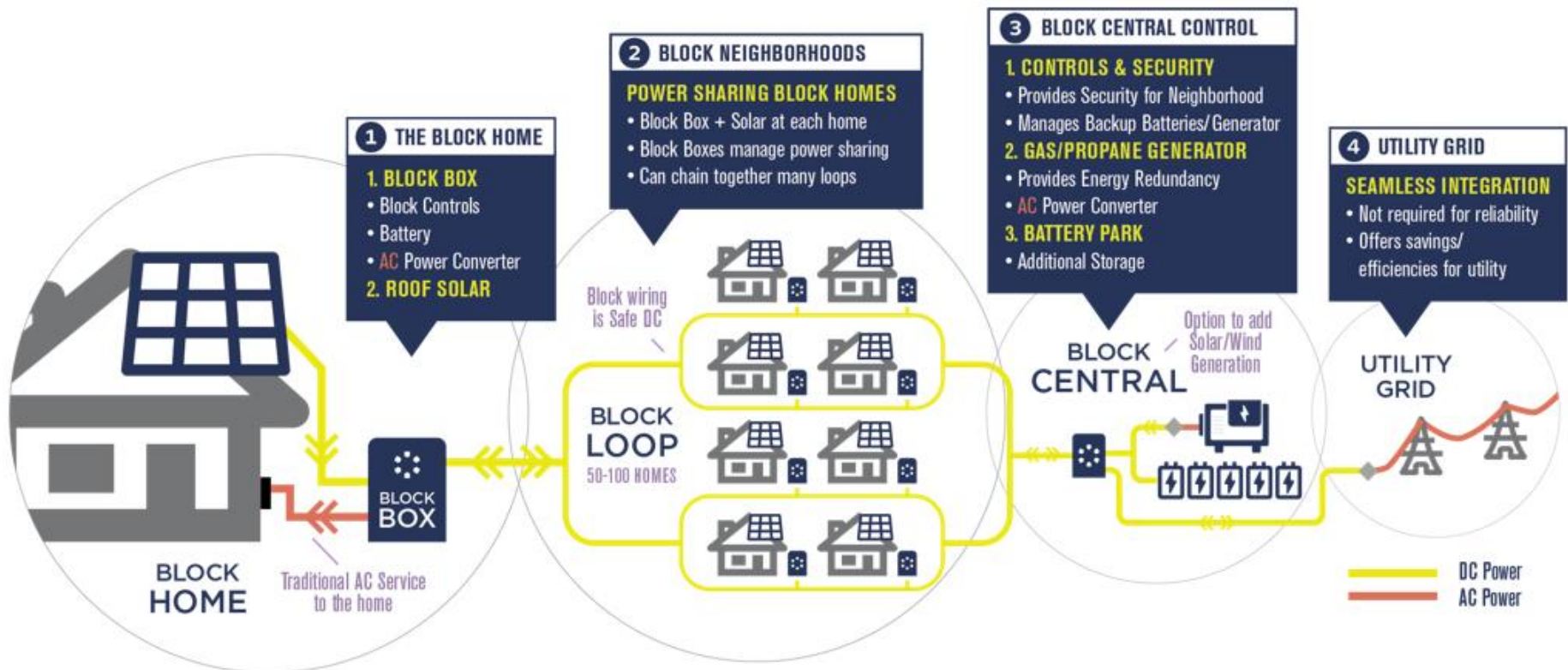


BLOCK: Distributed Power System



All Block Elements can be rate-based assets located in front of the meter.

BLOCK is a neighborhood energy system that combines **high levels of renewables and superior reliability** with **proprietary technology*** to deliver and **share energy** within communities of any size.

Kirtland Air Force Demonstration Project

Status

Our first Demonstration Project is fully integrated into the Kirtland Air Force Base, Sandia National Laboratories DETL and Department of Energy Solar Test Facilities

- Start-up and Commissioning Testing of first nanogrids has commenced
- Nanogrids, Central Box and Grid Tie complete; moving energy
- Autonomous Mode by end of year

Kirtland Air Force Base National Devolution Housing (secure housing in case of national disaster) also used as military temporary housing

Sandia National Lab Distributed Energy Test Lab



Sandia National Lab PV System Evaluation Lab

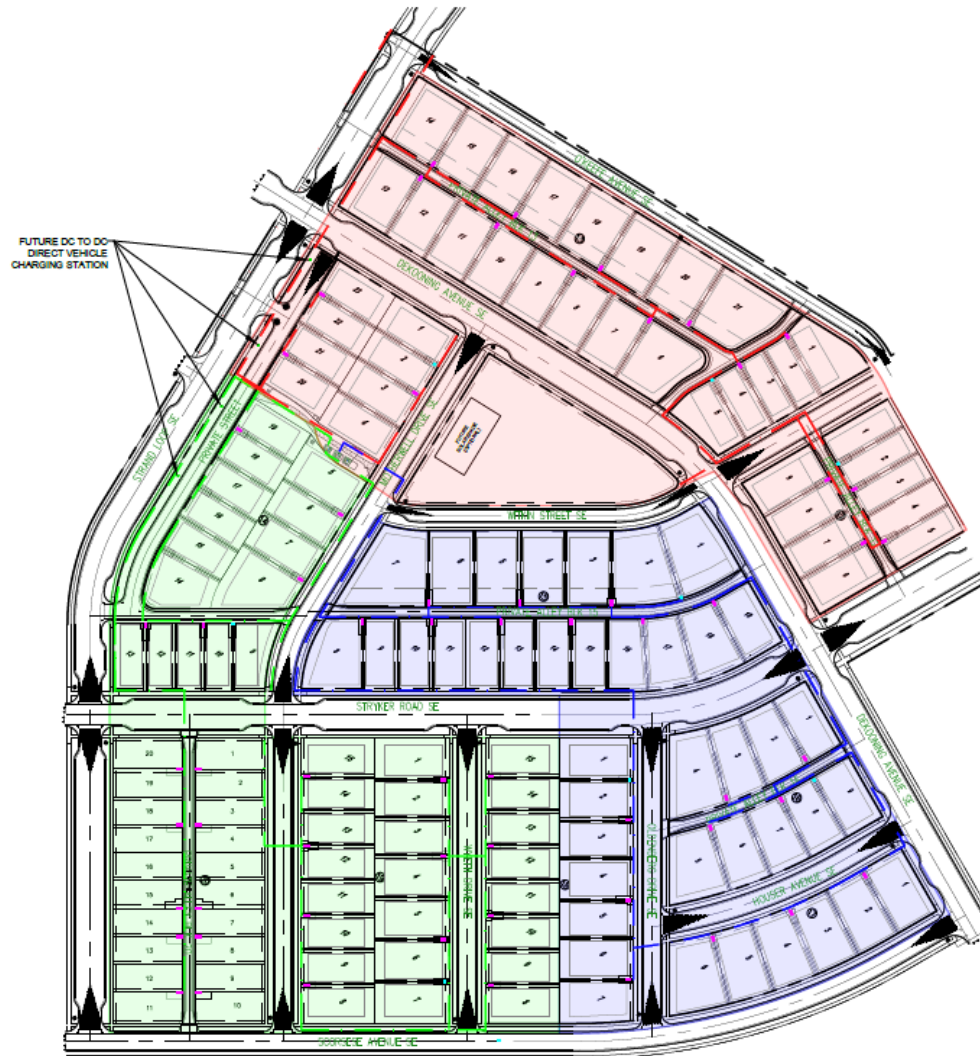


Commercial MicroGrids




Commercial MicroGrids

F:\PROJECTS\CIVIL PROJECTS\MESA DEL SOL\CAD\DWG\MESA DEL SOL MICROGRID.DWG 11/2/2019



- LOOP 1
- LOOP 2
- LEG 3
- SINGLE NANO BOX
- DOUBLE NANO BOX

REV. #	DATE	DESCRIPTION
		
MESA DEL SOL BERNALILLO COUNTY, NEW MEXICO		
MICROGRID OVERALL		
6		

Commercial MicroGrids



Commercial MicroGrids



OWNER
TROY WOOSTER
P.O. BOX 456
EL VERANO, CA 95433
707-367-3448

SILVER CLOUD CONDUIT LAYOUT

SITE ADDRESS
5700 CAVEDALE ROAD
GLEN ELLEN, CA 95442

OWNER
MCQUOWN ENTERPRISES LLC
19320 CARRIGER ROAD
SONOMA, CA 95476
707-438-4564

NO.	REVISION / ISSUE	DATE
1	PRELIMINARY	11/04/2019

CAD_FILE_NAME : SC_CONDUIT_LAYOUT
DRAWN BY: DUYAM PHAM
CHECKED BY: TTM MDV
APPROVED BY: TROY WOOSTER

IMAGE LAYOUT

A2
SHEET 2 OF 2

NOTES
GBC.X - GROUND BOX CLUSTER
GBC.X - GROUND BOX STUB
S.X - STUBBED
GBC.1.1 - BATTERY PAD
GBC.1.2 - DC GROUND
GBC.2 - KNOLL BOXES
GBC.3 - UPPER POND
GBC.4 - LOWER POND
GBC.5 - COMPOST BIN
GBC.6 - MEADOW BOXES

GBS.1 - DISTRIBUTION BOX
GBS.2 - ELECTROLYZER
GBS.3 - HYDROGEN STORAGE
GBS.4 - BATTERY STORAGE
B.1 - WINERY BUILDING
B.2 - KITCHEN
B.3 - MAIN HOUSE
B.4 - BARN 1 (BIG)
B.5 - BARN 2 (SMALL)
SG.1 - BARN 1 SOLAR (54KW)
SG.2 - SOLAR TRACKERS (APPROX. 54KW TO 68KW)
SG.3 - GROUND MOUNT SOLAR (TBD)

Electrical conduits
Existing conduits
Proposed conduits
Unusable conduit
Grid connection
Solar assets



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