

Startup Orbit	
Energy Collected	2.01 W-hr
Energy used by loads	1.73 W-hr
Energy Available to Charge Batteries	0.28 W-hr
Energy Margin	14%
Net Battery Capacity	1.9%
Standby Orbits Required to recharge	0.00

Standby Orbit	
Energy Collected	2.01 W-hr
Energy used by loads	1.59 W-hr
Energy Available to Charge Batteries	0.42 W-hr
Energy Margin	21%
Net Battery Capacity	2.8%
Standby Orbits Required to recharge	0.00

Beacon Orbit	
Energy Collected	2.01 W-hr
Energy used by loads	1.37 W-hr
Energy Available to Charge Batteries	0.65 W-hr
Energy Margin	32%
Net Battery Capacity	4.3%
Standby Orbits Required to recharge	0.00

Picture Orbit	
Energy Collected	2.01 W-hr
Energy used by loads	1.67 W-hr
Energy Available to Charge Batteries	0.35 W-hr
Energy Margin	17%
Net Battery Capacity	2.3%
Standby Orbits Required to recharge	0.00

Downlink Orbit	
Energy Collected	2.01 W-hr
Energy used by loads	2.39 W-hr
Energy Available to Charge Batteries	-0.38 W-hr
Energy Margin	-19%
Net Battery Capacity	-2.5%
Standby Orbits Required to recharge	1.00

Safe Orbit	
Energy Collected	2.01 W-hr
Energy used by loads	1.06 W-hr
Energy Available to Charge Batteries	0.96 W-hr
Energy Margin	48%
Net Battery Capacity	6.3%
Standby Orbits Required to recharge	0.00