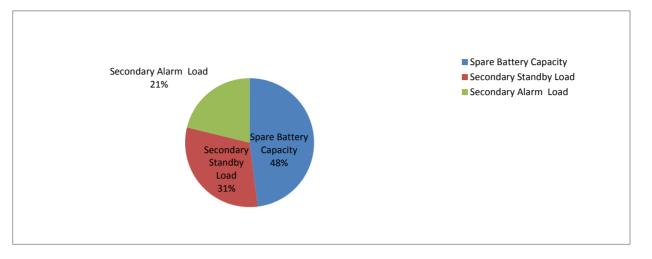
<b>loneywell</b>		Secondary Power Requirements			
	HPFF8 Powe	er Supply Calcu	lated at Maximum		
Protected Premises: USM - Payson Smith Building Address:			Date:	6/27/2013	
City:	Portland	State	Maine	Zip:	
Prepared By: Address:	BK Systems, Inc.			Phone:	603-647-8775
	4 Cote Avenue		Email:		
City:	Goffstown	State	New Hampshire	Zip:	03045
•	oad Requirements / Load from the calculation ta	3.64 ble below.	Amp Hours		
Total Secondary	y Load from the calculation ta Current Draw		Time (hou		Total (AH)
Total Secondary	V Load from the calculation ta Current Draw Ondary Standby Load		Time (hour Required Standl	oy Time	
Total Secondary	V Load from the calculation ta Current Draw ondary Standby Load 0.075 A	ble below.	Time (hour Required Standl 24 hours	oy Time	<b>Total (AH)</b> 1.80
Total Secondary	v Load from the calculation ta Current Draw ondary Standby Load 0.075 A condary Alarm Load	ble below.	Time (hour Required Stand 24 hours Required Alarm Tir	oy Time me (hours)	1.80
Total Secondary	V Load from the calculation ta Current Draw ondary Standby Load 0.075 A	ble below.	Time (hour Required Standl 24 hours Required Alarm Tir 0.167 hour	by Time me (hours) rs	1.80
Total Secondary	v Load from the calculation ta Current Draw ondary Standby Load 0.075 A condary Alarm Load	ble below.	Time (hour Required Standl 24 hours Required Alarm Tir 0.167 hour Total Seco	oy Time me (hours)	1.80 1.24 3.04
Total Secondary	v Load from the calculation ta Current Draw ondary Standby Load 0.075 A condary Alarm Load	ble below.	Time (hour Required Standl 24 hours Required Alarm Tir 0.167 hour Total Seco	by Time me (hours) rs ndary Load ating factor	1.80 1.24 3.04
Total Secondary Sec Sec Battery Selec	v Load from the calculation ta Current Draw ondary Standby Load 0.075 A condary Alarm Load 7.406 A	ble below.	Time (hour Required Standl 24 hours Required Alarm Tir 0.167 hour Total Seco Der	by Time me (hours) rs ndary Load ating factor	1.80 1.24 3.04 x 1.2
Total Secondary Sec Sec Select batteries	y Load from the calculation ta Current Draw ondary Standby Load 0.075 A condary Alarm Load 7.406 A Ction from the list below.	ble below.	Time (hour Required Standl 24 hours Required Alarm Tir 0.167 hour Total Seco Der Secondary Load Req	by Time me (hours) rs ndary Load ating factor	1.80 1.24 3.04 x 1.2
Total Secondary Sec Sec Select batteries	v Load from the calculation ta Current Draw ondary Standby Load 0.075 A condary Alarm Load 7.406 A	ble below. X X S	Time (hour Required Standl 24 hours Required Alarm Tir 0.167 hour Total Seco Der Secondary Load Req	by Time me (hours) rs ndary Load ating factor	1.80 1.24 3.04 x 1.2

## **Battery Distribution Chart**

Shows amp-hour distribution of your selections.



## Comments

- 1. Batteries will fit in the FACP cabinet.
- 2. Selected battery size meets secondary load requirements.
- 3. The selected batteries (7AH) are within the charger range of this power supply (7-26AH).

Spare Battery Capacity	3.36	Battery Selection (AH) - Secondary Load Requirements (AH)
Secondary Standby Load	2.16	Secondary Standby Load (AH) * Derating Factor
Secondary Alarm Load	1.48	Secondary Alarm Load (AH) * Derating Factor