

NOTIFICATION APPLIANCE CIRCUIT VOLTAGE DROPS

Social Security Administration

Portland, Maine

PANEL	CIRCUIT	WIRE GAUGE	LENGTH	CURRENT DRAW	VOLTAGE DROP	VOLTAGE LOSS	END VOLTAGE @ 24.0VDC		END VOLTAGE @ 20.4VDC		CIRCUIT LOAD	
FCPS	NAC 1	14	265 FT	1.133A	1.52	VDC	6.33%	22.48	VDC	18.88	VDC	38%
FCPS	NAC 2	14	175 FT	.762A	0.67	VDC	2.79%	23.33	VDC	19.73	VDC	25%
FCPS #1: 1.895A/8A Spare Capacity: 76%												
Calculated @ Maximum Distance/Current												