

Pennsylvania Trolley Museum
Operations Department
Procedure
No. 3

Car Power Usage

It is of most importance to use cars and power in the most efficient way possible. These are the guidelines to best practices.

- A. Try to limit the use to 5 cars
 - 1. Cars with heat count as 2 cars
 - 2. PCC count as 1.2 cars
 - 3. PTC 14 + 24 Count as 1.5 cars

- B. Avoid unusual movements
 - 1. Run on schedule
 - 2. Avoid double headers at all cost

- C. Car power usage table
 - 1. Power listed in “average car power units”
 - 2. Limit total to 5
 - 3. Add 1 for any car with heat on

Car #	No Heat Power Usage	With Heat Power Usage
14	1.5	2.5
66	1	2
78	1	2
832	0.7	1
1711	1.2	2.2
1758	0.7	0.7
2227	1	1
2711	1.2	2.2
4004	1.2	2.2
4145	1	2
4398	1	2
5326	0.7	1.7