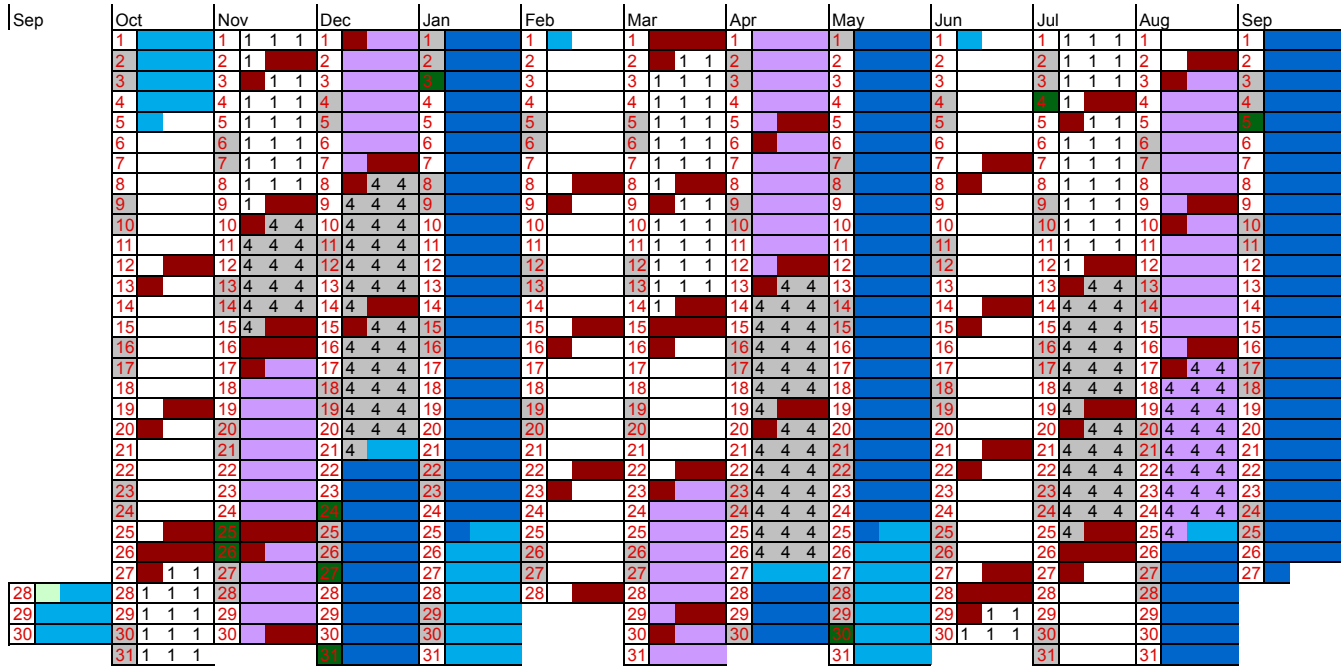


# APS Long-Range Operations Schedule

Run 2010-3

Run 2011-1

Run 2011-2



Top-Up Operations is standard unless indicated in fill pattern

Fill pattern is 24 singlets unless otherwise indicated by number

## Breakdown of User Shifts by Fill Pattern

Number of 8-hour User Shifts

	24 Singlets - Top-Up	Hybrid Fill - Top-Up	324 Singlets - Non Top-Up	Total Shifts	Total Hours
2010-3	107	36	51	194	1552
2011-1	144	33	38	215	1720
2011-2	123	36	57	216	1728
<b>SUM</b>	<b>374</b>	<b>105</b>	<b>146</b>	<b>625</b>	<b>5000</b>