



WECC

Year for PCM Simulations

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Steven Wallace

Comprehensive Power Solutions

Using a Standard Year

- GridView is able to model specific years, with day of week aligned with the specified year
- This is a nice feature but creates difficulties:
 - Comparing studies for different years causes misalignment of day of week or day of year
 - Leap years cause the number of days to vary
- Many data series are already shifted to match available inputs:
 - 2009-based historical data



Implementing Standard Year

- Previous discussions brought decision to start all model years on Monday, January 1st
- How is this done in GridView?
 - Use a year number that starts on Monday?
 - Can GridView make adjustments internally?
 - Label it 2032, for example, but have it start on Monday and not be a leap year?
 - Make all internal calculations with Monday start but have all inputs mapped to the target year (2032, e.g.)



Years that Start on Monday

Year	Jan 1, DoW
1906	Monday
1912	Monday
1917	Monday
1923	Monday
1934	Monday
1940	Monday
1945	Monday
1951	Monday
1962	Monday
1968	Monday
1973	Monday
1979	Monday
1990	Monday
1996	Monday
2001	Monday
2007	Monday
2018	Monday
2024	Monday
2029	Monday
2035	Monday





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Electric Reliability and Security for the West

Contact:

Steven Wallace

Comprehensive Power Solutions

(503) 957-6752

Steven@ComprehensivePower.biz

