

Total Gen				
Winter	Spring	Summer	Fall	Total
16031112.8942162	14688007.3714725	15313771.1992571	14998213.8015095	=SUM(E5:H5)
Total Loss				
Winter	Spring	Summer	Fall	Total
795057.098369721	727615.09141171	686848.892836029	700618.117534219	=SUM(E8:H8)
System Loss Factor				
Winter	Spring	Summer	Fall	
=E8/E5	=F8/F5	=G8/G5	=H8/H5	
System Shift Factor				
Winter	Spring	Summer	Fall	
=E44	=F44	=G44	=H44	

Forecasted Seasonal Volumes					
MPID	Winter	Spring	Summer	Fall	Total
MC 1	2404666.93413243	2203201.10572087	2297065.67988856	2249732.07022643	=SUM(E19:H19)
MC 2	12824890.3153729	11750405.897178	12251016.9594056	11998571.0412076	=SUM(E20:H20)
MC 3	801555.644710809	734400.368573625	765688.559962852	749910.690075474	=SUM(E21:H21)
Total	=SUM(E19:E21)	=SUM(F19:F21)	=SUM(G19:G21)	=SUM(H19:H21)	=SUM(I19:I21)

Seasonal Raw Loss Factors				
MPID	Winter	Spring	Summer	Fall
MC 1	0.071	0.07	0.069	0.057
MC 2	0.0415	0.041	0.032	0.037
MC 3	-0.0331074175997259	-0.0492392071848951	-0.0559657111902636	-0.042731257326516
Total				

Assigned Energy Losses Based on Raw Loss Factors					
MPID	Winter	Spring	Summer	Fall	Total
MC 1	=E19*E26	=F19*F26	=G19*G26	=H19*H26	=SUM(E33:H33)
MC 2	=E20*E27	=F20*F27	=G20*G27	=H20*H27	=SUM(E34:H34)
MC 3	=E21*E28	=F21*F28	=G21*G28	=H21*H28	=SUM(E35:H35)
Total	=SUM(E33:E35)	=SUM(F33:F35)	=SUM(G33:G35)	=SUM(H33:H35)	=SUM(I33:I35)

Calulation of Shift Fa

	Winter	Spring	Summer	Fall	Total
Forecast Energy Loss	=E8	=F8	=G8	=H8	=I8
Assigned Total Energy Losses Based on Raw Loss Factor	=E36	=F36	=G36	=H36	=I36
Unassigned Losses	=E40-E41	=F40-F41	=G40-G41	=H40-H41	=I40-I41
Total Volumes	=E5	=F5	=G5	=H5	=I5
Required Shift Factor	=E42/E43	=F42/F43	=G42/G43	=H42/H43	

Seasonal Adjusted Loss Factors				
MPID	Winter	Spring	Summer	Fall
MC 1	=E26+E\$14	=F26+F\$14	=G26+G\$14	=H26+H\$14
MC 2	=E27+E\$14	=F27+F\$14	=G27+G\$14	=H27+H\$14
MC 3	=E28+E\$14	=F28+F\$14	=G28+G\$14	=H28+H\$14

Assigned Energy Losses Based on Seasonal Adjusted Loss Factors					
MPID	Winter	Spring	Summer	Fall	Total
MC 1	=E19*E50	=F19*F50	=G19*G50	=H19*H50	=SUM(E57:H57)
MC 2	=E20*E51	=F20*F51	=G20*G51	=H20*H51	=SUM(E58:H58)
MC 3	=E21*E52	=F21*F52	=G21*G52	=H21*H52	=SUM(E59:H59)
Total	=SUM(E57:E59)	=SUM(F57:F59)	=SUM(G57:G59)	=SUM(H57:H59)	=SUM(I57:I59)

MPID	Annual Volumes	Annual Loss Factor	Annual Assigned Losses
MC 1	=SUM(E19:H19)	=SUMPRODUCT(E19:H19,E50:H50)/SUM(E19:H19)	=E65*F65
MC 2	=SUM(E20:H20)	=SUMPRODUCT(E20:H20,E51:H51)/SUM(E20:H20)	=E66*F66
MC 3	=SUM(E21:H21)	=SUMPRODUCT(E21:H21,E52:H52)/SUM(E21:H21)	=E67*F67
Total	=SUM(E65:E67)		=SUM(G65:G67)