Decision on RRR WireCenter Calculations

NOTE: This sheet diplays all user adjustable inputs which vary from HM/FCC default settings

Workfile Name:	**C:\Program Files\HM52\WORKFILES\HMWKCO46510231.XLS**
Distribution Module Name:	**C:\Program Files\HM52\MODULES\R52_distribution.xls**
Feeder Module Name:	**C:\Program Files\HM52\MODULES\R52_feeder.xls**
Switching Module Name:	**C:\Program Files\HM52\MODULES\R52_switching_io.xls**
Expense Module Name:	**C:\Program Files\HM52\MODULES\R52_expense_wirecenter.xls**

Module/Table	Scenario Input	Scenario Value	Default Value
Distribution	Distribution Cable Fill - 0	0.50	0.75
Distribution	Distribution Cable Fill - 5	0.55	0.75
Distribution	Distribution Cable Fill - 100	0.55	0.75
Distribution	Distribution Cable Fill - 200	0.60	0.75
Distribution	Distribution Cable Fill - 650	0.70	0.75
Distribution	Buried Fraction - 0	0.65	0.75
Distribution	Buried Fraction - 5	0.67	0.75
Distribution	Buried Fraction - 100	0.68	0.75
Distribution	Buried Fraction - 200	0.76	0.70
Distribution	Buried Fraction - 650	0.72	0.70
Distribution	Buried Fraction - 850	0.60	0.70
Distribution	Buried Fraction - 2550	0.40	0.65
Distribution	Buried Fraction - 5000	0.25	0.35
Distribution	Buried Fraction - 10000	0.00	0.05
Distribution	Aerial Cable Fraction - 0	0.35	0.25
Distribution	Aerial Cable Fraction - 5	0.32	0.25
Distribution	Aerial Cable Fraction - 100	0.30	0.25
Distribution	Aerial Cable Fraction - 200	0.20	0.30
Distribution	Aerial Cable Fraction - 650	0.20	0.30
Distribution	Aerial Cable Fraction - 850	0.20	0.30
Distribution	Aerial Cable Fraction - 2550	0.20	0.30
Distribution	Aerial Cable Fraction - 5000	0.15	0.60
Distribution	Aerial Cable Fraction - 10000	0.14	0.85
Distribution	Drop Distance, feet - 0	300.00	150.00
Distribution	Drop Distance, feet - 5	250.00	150.00
Distribution	Drop Distance, feet - 100	200.00	100.00
Distribution	Drop Distance, feet - 200	135.00	100.00
Distribution	Drop Distance, feet - 650	70.00	50.00
Distribution	Buried Drop Sharing Fraction - 0	0.80	0.50
Distribution	Buried Drop Sharing Fraction - 5	0.80	0.50
Distribution	Buried Drop Sharing Fraction - 100	0.80	0.50
Distribution	Buried Drop Sharing Fraction - 200	0.80	0.50
Distribution	Buried Drop Sharing Fraction - 650	0.80	0.50
Distribution	Buried Drop Sharing Fraction - 850	0.80	0.50
Distribution	Buried Drop Sharing Fraction - 2550	0.80	0.50
Distribution	Buried Drop Sharing Fraction - 5000	0.80	0.50
Distribution	Buried Drop Sharing Fraction - 10000	0.80	0.50
Distribution	Buried Drop Fraction - 0	0.80	0.75
Distribution	Buried Drop Fraction - 5	0.80	0.75
Distribution	Buried Drop Fraction - 100	0.80	0.75
Distribution	Buried Drop Fraction - 200	0.80	0.70

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Switching Module Name:	C:\Program Files\HM52\MODULES\R52_switching_io.xls		
Expense Module Name:	C:\Program Files\HM52\MODULES\R52_expense_wirecenter.xls		
Module/Table	**Scenario Input**	**Scenario Value**	**Default Value**
Distribution	Buried Drop Fraction - 650	0.80	0.70
Distribution	Buried Drop Fraction - 850	0.80	0.70
Distribution	Buried Drop Fraction - 2550	0.80	0.70
Distribution	Buried Drop Fraction - 5000	0.80	0.40
Distribution	Buried Drop Fraction - 10000	0.80	0.15
Distribution	Strand adjustment switch - 0	0.00	1.00
Distribution	Strand adjustment switch - 5	0.00	1.00
Distribution	Strand adjustment switch - 100	0.00	1.00
Distribution	Strand adjustment switch - 400	0.00	1.00
Distribution	Strand adjustment switch - 650	0.00	1.00
Distribution	Strand adjustment switch - 850	0.00	1.00
Distribution	Strand adjustment switch - 2550	0.00	1.00
Distribution	Strand adjustment switch - 5000	0.00	1.00
Distribution	Strand adjustment switch - 10000	0.00	1.00
Feeder	Copper Aerial Fraction - 100	0.45	0.50
Feeder	Copper Aerial Fraction - 850	0.15	0.20
Feeder	Copper Aerial Fraction - 2550	0.10	0.15
Feeder	Copper Aerial Fraction - 5000	0.05	0.10
Feeder	Copper Buried Fraction - 100	0.50	0.45
Feeder	Copper Buried Fraction - 850	0.25	0.20
Feeder	Copper Buried Fraction - 2550	0.15	0.10
Feeder	Copper Buried Fraction - 10000	0.00	0.05
Feeder	Fiber Aerial Fraction - 0	0.50	0.35
Feeder	Fiber Aerial Fraction - 5	0.50	0.35
Feeder	Fiber Aerial Fraction - 100	0.45	0.35
Feeder	Fiber Aerial Fraction - 200	0.40	0.30
Feeder	Fiber Aerial Fraction - 850	0.15	0.20
Feeder	Fiber Aerial Fraction - 2550	0.10	0.15
Feeder	Fiber Aerial Fraction - 5000	0.05	0.10
Feeder	Fiber Buried Fraction - 0	0.45	0.60
Feeder	Fiber Buried Fraction - 5	0.45	0.60
Feeder	Fiber Buried Fraction - 100	0.50	0.60
Feeder	Fiber Buried Fraction - 200	0.40	0.60
Feeder	Fiber Buried Fraction - 850	0.25	0.20
Feeder	Fiber Buried Fraction - 2550	0.15	0.10
Feeder	Fiber Buried Fraction - 10000	0.00	0.05
Expense	Cost of Debt	7.60%	6.50%
Expense	Debt Fraction	46.60%	50.00%
Expense	Forward-looking Network Operations Factor	0.96	0.50
Expense	Distribution Aerial Sharing Fraction - 5	0.50	0.33
Expense	Distribution Aerial Sharing Fraction - 100	0.50	0.25

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Module/Table	Scenario Input	Scenario Value	Default Value
Expense	Distribution Aerial Sharing Fraction - 200	0.50	0.25
Expense	Distribution Aerial Sharing Fraction - 650	0.50	0.25
Expense	Distribution Aerial Sharing Fraction - 850	0.50	0.25
Expense	Distribution Aerial Sharing Fraction - 2550	0.35	0.25
Expense	Distribution Aerial Sharing Fraction - 5000	0.35	0.25
Expense	Distribution Aerial Sharing Fraction - 10000	0.35	0.25
Expense	Distribution Buried Sharing Fraction - 0	1.00	0.33
Expense	Distribution Buried Sharing Fraction - 5	1.00	0.33
Expense	Distribution Buried Sharing Fraction - 100	0.85	0.33
Expense	Distribution Buried Sharing Fraction - 200	0.65	0.33
Expense	Distribution Buried Sharing Fraction - 650	0.65	0.33
Expense	Distribution Buried Sharing Fraction - 850	0.65	0.33
Expense	Distribution Buried Sharing Fraction - 2550	0.55	0.33
Expense	Distribution Buried Sharing Fraction - 5000	0.55	0.33
Expense	Distribution Buried Sharing Fraction - 10000	0.55	0.33
Expense	Distribution Underground Sharing Fraction - 5	1.00	0.50
Expense	Distribution Underground Sharing Fraction - 100	0.85	0.50
Expense	Distribution Underground Sharing Fraction - 200	0.65	0.50
Expense	Distribution Underground Sharing Fraction - 650	0.65	0.40
Expense	Distribution Underground Sharing Fraction - 850	0.65	0.33
Expense	Distribution Underground Sharing Fraction - 2550	0.55	0.33
Expense	Distribution Underground Sharing Fraction - 5000	0.55	0.33
Expense	Distribution Underground Sharing Fraction - 10000	0.55	0.33
Expense	Feeder Aerial Sharing Fraction - 5	0.50	0.33
Expense	Feeder Aerial Sharing Fraction - 100	0.50	0.25
Expense	Feeder Aerial Sharing Fraction - 200	0.50	0.25
Expense	Feeder Aerial Sharing Fraction - 650	0.50	0.25
Expense	Feeder Aerial Sharing Fraction - 850	0.50	0.25
Expense	Feeder Aerial Sharing Fraction - 2550	0.35	0.25
Expense	Feeder Aerial Sharing Fraction - 5000	0.35	0.25
Expense	Feeder Aerial Sharing Fraction - 10000	0.35	0.25
Expense	Feeder Underground Sharing Fraction - 0	1.00	0.50
Expense	Feeder Underground Sharing Fraction - 5	1.00	0.50
Expense	Feeder Underground Sharing Fraction - 100	0.85	0.40
Expense	Feeder Underground Sharing Fraction - 200	0.65	0.33
Expense	Feeder Underground Sharing Fraction - 650	0.65	0.33
Expense	Feeder Underground Sharing Fraction - 850	0.65	0.33
Expense	Feeder Underground Sharing Fraction - 2550	0.55	0.33
Expense	Feeder Underground Sharing Fraction - 5000	0.55	0.33
Expense	Feeder Underground Sharing Fraction - 10000	0.55	0.33
Expense	Feeder Buried Sharing Fraction - 0	1.00	0.40

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Expense Module Name:	**C:\Program Files\HM52\MODULES\R52_expense_wirecenter.xls**		
Module/Table	**Scenario Input**	**Scenario Value**	**Default Value**
Expense	Feeder Buried Sharing Fraction - 5	1.00	0.40
Expense	Feeder Buried Sharing Fraction - 100	0.85	0.40
Expense	Feeder Buried Sharing Fraction - 200	0.65	0.40
Expense	Feeder Buried Sharing Fraction - 650	0.65	0.40
Expense	Feeder Buried Sharing Fraction - 850	0.65	0.40
Expense	Feeder Buried Sharing Fraction - 2550	0.55	0.40
Expense	Feeder Buried Sharing Fraction - 5000	0.55	0.40
Expense	Feeder Buried Sharing Fraction - 10000	0.55	0.40
Buried Excavation/Restoration	Plow Per Ft - 0	1.30	0.80
Buried Excavation/Restoration	Plow Per Ft - 5	1.30	0.80
Buried Excavation/Restoration	Plow Per Ft - 100	1.30	0.80
Buried Excavation/Restoration	Plow Per Ft - 200	1.30	0.80
Buried Excavation/Restoration	Plow Per Ft - 650	1.30	0.80