	Scenario→ Year →	'91 -'00 Base Scenario 36.8TN, 4.3TP, '91-'93	2009 Scenario 30.4TN, 3.3TP, '91-'93	Tributary Strategy 27.5TN, 3.3TP, '91-'93	Target Load Option A 27.1TN, 3.1TP, '91-'93	'91-'93	179/12 Loading Scenario 26TN, 2.6TP, '91-'93	'91-'93	'91-'93	James 240 Scenario 24TN 2.4TP '91-'93	James L.O.E 1/2 Potomac 23.5N 2.35P '91-'93	Potomac 21.5N 2.2P '91-'93	Scenario 16.1TN, 1.5TP, '91-'93	'91 -'00 Base Scenario 36.8TN, 4.3TP, '92-'94	2009 Scenario 30.4TN, 3.3TP, '92-'94	Strategy 27.5TN, 3.3TP, '92-'94	Target Load Option A 27.1TN, 3.1TP, '92-'94	Scenario 26.6TN, 2.7TP, '92-'94	179/12 Loading Scenario 26TN, 2.6TP, '92-'94	170/11.3 Loading Scenario 25.5TN, 2.5TP, '92-'94	'92-'94	James 240 Scenario 24TN 2.4TP '92-'94	'92-'94	Potomac 21.5N 2.2P '92-'94	E3 2010 Scenario 16.1TN, 1.5TP, '92-'94
Cbseg	State	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal			Seasonal	Seasonal				Seasonal		Seasonal		Seasonal	Seasonal	Seasonal		Seasonal	Seasonal	Seasonal	Seasonal
JMSTFL	VA	35%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	36%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSTFU	VA	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSOH	VA	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSMH	VA	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSPH	VA																								

					190/12.7		170/11.3										190/12.7		170/11.3					
	'91 -'00 Base	2009	Tributary	Target Load	Loading	179/12	Loading	James 245			James L.O.E	E3 2010	'91 -'00 Base	2009		Target Load	Loading	179/12	Loading	James 245		James L.O.E		E3 2010
	Scenario	Scenario	Strategy	Option A	Scenario	Loading	Scenario	Scenario		1/2 Potomac	Potomac	Scenario	Scenario	Scenario	Strategy	Option A	Scenario	Loading	Scenario	Scenario		1/2 Potomac		Scenario
	36.8TN,	30.4TN,	27.5TN,	27.1TN,	26.6TN,	Scenario	25.5TN,	24.5TN	Scenario	23.5N	21.5N	16.1TN,	36.8TN,	30.4TN,	27.5TN,	27.1TN,	26.6TN,	Scenario	25.5TN,	24.5TN	Scenario	23.5N	21.5N	16.1TN,
	4.3TP,	3.3TP,	3.3TP,	3.1TP,	2.7TP,	26TN, 2.6TP,	2.5TP,		24TN 2.4TP		2.2P	1.5TP,	4.3TP,	3.3TP,	3.3TP,	3.1TP,	2.7TP,	26TN, 2.6TP,	2.5TP,	2.45TP	24TN 2.4TP	2.35P	2.2P	1.5TP,
	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96
	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer	CL Summer
Cbseg	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal
JMSTFL	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSTFU	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSOH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSMH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSPH	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

	'91 -'00 Base Scenario 36.8TN, 4.3TP, '95-'97	2009 Scenario 30.4TN, 3.3TP, '95-'97	Tributary Strategy 27.5TN, 3.3TP, '95-'97	Target Load Option A 27.1TN, 3.1TP, '95-'97	Scenario 26.6TN, 2.7TP, '95-'97	179/12 Loading Scenario 26TN, 2.6TP, '95-'97	170/11.3 Loading Scenario 25.5TN, 2.5TP, '95-'97	'95-'97	Scenario 24TN 2.4TP '95-'97	'95-'97	Potomac 21.5N 2.2P '95-'97	Scenario 16.1TN, 1.5TP, '95-'97	'91 -'00 Base Scenario 36.8TN, 4.3TP, '96-'98	2009 Scenario 30.4TN, 3.3TP, '96-'98	Strategy 27.5TN, 3.3TP, '96-'98	Target Load Option A 27.1TN, 3.1TP, '96-'98	'96-'9 <sup>8</sup>	179/12 Loading Scenario 26TN, 2.6TP, '96-'98	170/11.3 Loading Scenario 25.5TN, 2.5TP, '96-'98	James 245 Scenario 24.5TN 2.45TP '96-'98	James 240 Scenario 24TN 2.4TP '96-'98	'96-'98	Potomac 21.5N 2.2P '96-'98	E3 2010 Scenario 16.1TN, 1.5TP, '96-'98
Cbseg	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal		Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal
JMSTFL	2%	9%	7%	8%	5%	5%	4%	3%	3%	2%	0%	0%	17%	23%	20%	22%	15%	14%	11%	8%	7%	6%	2%	0%
JMSTFU	16%	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	28%	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
JMSOH	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSMH	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSPH	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

	'91 -'00 Base Scenario 36.8TN, 4.3TP, '97-'99	2009 Scenario 30.4TN, 3.3TP,	Tributary Strategy 27.5TN, 3.3TP, '97-'99	Target Load Option A 27.1TN, 3.1TP, '97-'99		179/12 Loading Scenario 26TN, 2.6TP,	170/11.3 Loading Scenario 25.5TN, 2.5TP,		Scenario 24TN 2.4TP	1/2 Potomac 23.5N 2.35P	James L.O.E Potomac 21.5N 2.2P	E3 2010 Scenario 16.1TN, 1.5TP, '97-'99	'91 -'00 Base Scenario 36.8TN, 4.3TP,	2009 Scenario 30.4TN, 3.3TP,	Strategy 27.5TN, 3.3TP,	Target Load Option A 27.1TN, 3.1TP,	190/12.7 Loading Scenario 26.6TN, 2.7TP,	179/12 Loading Scenario 26TN, 2.6TP,	170/11.3 Loading Scenario 25.5TN, 2.5TP, '98-'00		James 240 Scenario 24TN 2.4TP	1/2 Potomac 23.5N 2.35P	James L.O.E Potomac 21.5N 2.2P	Scenario 16.1TN, 1.5TP,
	CL Summer		CL Summer	CL Summer								CL Summer	'98-'00 CL Summer						CL Summer					
Cbseg	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal
JMSTFL	22%	23%	20%	22%	15%	14%	11%	8%	7%	6%	2%	0%	33%	11%	10%	11%	8%	7%	4%	3%	2%	2%	0%	0%
JMSTFU	28%	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSOH	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSMH	26%	21%	16%	14%	15%	14%	12%	2%	1%	1%	4%	0%	20%	20%	15%	14%	14%	13%	12%	2%	1%	1%	4%	0%
JMSPH	22%	22%	12%	13%	11%	10%	9%	10%	9%	9%	8%	0%	33%	30%	12%	13%	11%	10%	9%	10%	9%	9%	8%	0%

						190/12.7		170/11.3										190/12.7		170/11.3					
		'91 -'00 Base	2009	Tributary	Target Load	Loading	179/12	Loading	James 245		James L.O.E	James L.O.E	E3 2010	'91 -'00 Base	2009	Tributary	Target Load	Loading	179/12	Loading	James 245		James L.O.E	James L.O.E	E3 2010
		Scenario	Scenario	Strategy	Option A	Scenario	Loading	Scenario	Scenario	James 240		Potomac	Scenario	Scenario	Scenario	Strategy	Option A	Scenario	Loading	Scenario	Scenario		1/2 Potomac		Scenario
		36.8TN,	30.4TN,	27.5TN,	27.1TN,	26.6TN,	Scenario	25.5TN,	24.5TN	Scenario	23.5N	21.5N	16.1TN,	36.8TN,	30.4TN,	27.5TN,	27.1TN,	26.6TN,	Scenario	25.5TN,	24.5TN	Scenario	23.5N	21.5N	16.1TN,
	Scenario→	4.3TP,	3.3TP,	3.3TP,	3.1TP,	2.7TP,	26TN, 2.6TP,	2.5TP,	2.45TP	24TN 2.4TP	2.35P	2.2P	1.5TP,	4.3TP,	3.3TP,	3.3TP,	3.1TP,	2.7TP,	26TN, 2.6TP,	2.5TP,	2.45TP	24TN 2.4TP	2.35P	2.2P	1.5TP,
	Year →	'91-'93	'91-'93	'91-'93	'91-'93	'91-'93	'91-'93	'91-'93	'91-'93	'91-'93	'91-'93	'91-'93	'91-'93	'92-'94	'92-'94	'92-'94	'92-'94	'92-'94	'92-'94	'92-'94	'92-'94	'92-'94	'92-'94	'92-'94	'92-'94
		CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring
Cbseg	State	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal
JMSTFL	VA	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSTFU	VA	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSOH	VA	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSMH	VA	30%	10%	4%	2%	3%	2%	2%	1%	1%	1%	0%	0%	5%	0%	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%
JMSPH	VA	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

					190/12.7		170/11.3										190/12.7		170/11.3					
	'91 -'00 Base	2009	Tributary	Target Load	Loading	179/12	Loading	James 245		James L.O.E	James L.O.E	E3 2010	'91 -'00 Base	2009	Tributary	Target Load	Loading	179/12	Loading	James 245		James L.O.E	James L.O.E	E3 2010
	Scenario	Scenario	Strategy	Option A	Scenario	Loading	Scenario	Scenario	James 240	1/2 Potomac	Potomac	Scenario	Scenario	Scenario	Strategy	Option A	Scenario	Loading	Scenario	Scenario	James 240		Potomac	Scenario
	36.8TN,	30.4TN,	27.5TN,	27.1TN,	26.6TN,	Scenario	25.5TN,	24.5TN	Scenario	23.5N	21.5N	16.1TN,	36.8TN,	30.4TN,	27.5TN,	27.1TN,	26.6TN,	Scenario	25.5TN,	24.5TN	Scenario	23.5N	21.5N	16.1TN,
	4.3TP,	3.3TP,	3.3TP,	3.1TP,		26TN, 2.6TP,	2.5TP,		24TN 2.4TP		2.2P	1.5TP,	4.3TP,	3.3TP,	3.3TP,	3.1TP,		26TN, 2.6TP,		2.45TP	24TN 2.4TP	2.35P	2.2P	1.5TP,
	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'93-'95	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96	'94-'96
	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring
Cbseg	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal
JMSTFL	6%	3%	5%	5%	2%	2%	1%	1%	1%	0%	0%	0%	6%	3%	5%	5%	2%	2%	1%	1%	1%	0%	0%	0%
JMSTFU	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSOH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	9%	7%	7%	5%	4%	3%	2%	2%	1%	0%	0%	0%
JMSMH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSPH	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	22%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

					190/12.7		170/11.3										190/12.7		170/11.3					
	'91 -'00 Base	2009	Tributary	Target Load	Loading	179/12	Loading	James 245		James L.O.E	James L.O.E	E3 2010	'91 -'00 Base	2009	Tributary	Target Load	Loading	179/12	Loading	James 245		James L.O.E	James L.O.E	E3 2010
	Scenario	Scenario	Strategy	Option A	Scenario	Loading	Scenario	Scenario	James 240	1/2 Potomac	Potomac	Scenario	Scenario	Scenario	Strategy	Option A	Scenario	Loading	Scenario	Scenario	James 240	1/2 Potomac	Potomac	Scenario
	36.8TN,	30.4TN,	27.5TN,	27.1TN,	26.6TN,	Scenario	25.5TN,	24.5TN	Scenario	23.5N	21.5N	16.1TN,	36.8TN,	30.4TN,	27.5TN,	27.1TN,	26.6TN,	Scenario	25.5TN,	24.5TN	Scenario	23.5N	21.5N	16.1TN,
	4.3TP,	3.3TP,	3.3TP,	3.1TP,	2.7TP,	26TN, 2.6TP,	2.5TP,	2.45TP	24TN 2.4TP	2.35P	2.2P	1.5TP,	4.3TP,	3.3TP,	3.3TP,	3.1TP,	2.7TP,	26TN, 2.6TP,	2.5TP,	2.45TP	24TN 2.4TP	2.35P	2.2P	1.5TP,
	'95-'97	'95-'97	'95-'97	'95-'97	'95-'97	'95-'97	'95-'97	'95-'97	'95-'97	'95-'97	'95-'97	'95-'97	'96-'98	'96-'98	'96-'98	'96-'98	'96-'98	'96-'98	'96-'98	'96-'98	'96-'98	'96-'98	'96-'98	'96-'98
	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring
Cbseg	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal
JMSTFL	19%	6%	5%	7%	2%	2%	1%	1%	1%	0%	0%	0%	11%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSTFU	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSOH	13%	7%	7%	5%	4%	3%	2%	2%	1%	0%	0%	0%	16%	11%	7%	6%	4%	3%	2%	2%	1%	0%	0%	0%
JMSMH	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSPH	22%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	22%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

					190/12.7		170/11.3										190/12.7		170/11.3					
	'91 -'00 Base	2009	Tributary	Target Load	Loading	179/12	Loading	James 245		James L.O.E	James L.O.E	E3 2010	'91 -'00 Base	2009	Tributary	Target Load	Loading	179/12	Loading	James 245		James L.O.E	James L.O.E	E3 2010
	Scenario	Scenario	Strategy	Option A	Scenario	Loading	Scenario	Scenario	James 240		Potomac	Scenario	Scenario	Scenario	Strategy	Option A	Scenario	Loading	Scenario	Scenario		1/2 Potomac		Scenario
	36.8TN,	30.4TN,	27.5TN,	27.1TN,	26.6TN,	Scenario	25.5TN,	24.5TN	Scenario	23.5N	21.5N	16.1TN,	36.8TN,	30.4TN,	27.5TN,	27.1TN,	26.6TN,	Scenario	25.5TN,	24.5TN	Scenario	23.5N	21.5N	16.1TN,
	4.3TP,	3.3TP,	3.3TP,	3.1TP,	2.7TP,	26TN, 2.6TP,	2.5TP,	2.45TP	24TN 2.4TP	2.35P	2.2P	1.5TP,	4.3TP,	3.3TP,	3.3TP,	3.1TP,	2.7TP,	26TN, 2.6TP,	2.5TP,	2.45TP	24TN 2.4TP	2.35P	2.2P	1.5TP,
	'97-'99	'97-'99	'97-'99	'97-'99	'97-'99	'97-'99	'97-'99	'97-'99	'97-'99	'97-'99	'97-'99	'97-'99	'98-'00	'98-'00	'98-'00	'98-'00	'98-'00	'98-'00	'98-'00	'98-'00	'98-'00	'98-'00	'98-'00	'98-'00
	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring	CL Spring
Cbseg	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal	Seasonal
JMSTFI	30%	18%	7%	17%	0%	0%	0%	0%	0%	0%	0%	0%	16%	15%	7%	15%	0%	0%	0%	0%	0%	0%	0%	0%
JMSTFU	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSOH	10%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	13%	14%	6%	11%	5%	3%	2%	0%	0%	0%	0%	0%
JMSMF	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
JMSPH	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%