

PV Benefit of Maritime Link vs Other Import (Base Load)

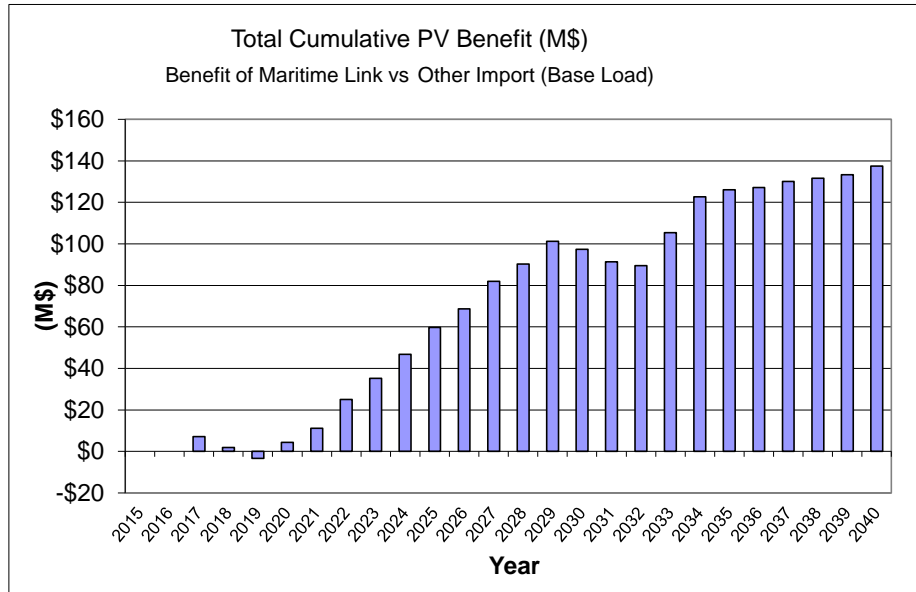
Operating Costs:

Capital Costs:

Year	Operating Costs:			Capital Costs:			Benefit Nominal \$ (k\$)	Total Cumulative PV Benefit (\$2015) (M\$)
	Maritime Link (k\$)	Other Import (k\$)	Benefit Nominal \$ (k\$)	Year	Maritime Link (k\$)	Other Import (k\$)		
2015	592,093	\$592,093	0	2015	0	0	0	0
2016	618,246	\$618,246	0	2016	0	0	0	0
2017	623,768	\$645,760	21,991	2017	22,033	8,118	-13,916	7
2018	567,959	\$660,372	92,413	2018	155,703	56,906	-98,797	2
2019	580,464	\$676,751	96,288	2019	160,477	57,450	-103,027	-3
2020	602,893	\$706,689	103,796	2020	151,105	57,845	-93,260	4
2021	616,539	\$724,522	107,983	2021	155,948	58,103	-97,845	11
2022	636,912	\$746,867	109,955	2022	146,514	58,234	-88,279	25
2023	639,517	\$741,854	102,337	2023	143,824	58,249	-85,574	35
2024	653,166	\$756,879	103,713	2024	141,413	58,158	-83,255	47
2025	671,805	\$777,306	105,501	2025	139,011	57,968	-81,043	60
2026	685,881	\$792,307	106,426	2026	146,145	57,687	-88,458	69
2027	701,543	\$808,642	107,099	2027	135,823	57,324	-78,499	82
2028	715,436	\$824,921	109,485	2028	147,261	56,883	-90,377	90
2029	732,727	\$843,046	110,318	2029	146,988	63,369	-83,618	101
2030	754,145	\$869,519	115,374	2030	195,331	69,804	-125,527	97
2031	768,010	\$884,807	116,797	2031	202,337	68,913	-133,424	91
2032	787,646	\$905,020	117,375	2032	190,600	67,967	-122,633	90
2033	815,803	\$934,136	118,333	2033	188,085	119,599	-68,486	105
2034	847,127	\$972,718	125,591	2034	185,473	117,604	-67,869	123
2035	877,362	\$1,011,246	133,884	2035	237,533	115,565	-121,968	126
2036	905,919	\$1,040,881	134,962	2036	244,308	113,488	-130,820	127
2037	939,506	\$1,069,710	130,204	2037	229,937	111,374	-118,563	130
2038	975,696	\$1,099,057	123,362	2038	226,051	109,227	-116,824	132
2039	1,014,363	\$1,137,667	123,304	2039	222,107	107,050	-115,057	133
2040	1,057,688	\$1,191,452	133,764	2040	218,113	104,844	-113,269	138
NPV (2015 k\$)	9,030,492	10,182,719	1,152,227		1,745,566	730,867	-1,014,700	

Maritime Link NPV Planning Period Costs (M\$) 10,776
 Other Import NPV Planning Period Costs (M\$) 10,914

Total Cumulative PV Benefit 2015-2040 138 M\$
 (Discount Rate is 6.56%)



PV Benefit of Maritime Link vs Indigenous Wind (Base Load)

Operating Costs:

Year	Maritime Link (k\$)	Indigenous Wind (k\$)	Benefit Nominal \$ (k\$)
2015	592,093	\$592,093	0
2016	618,246	\$618,246	0
2017	623,768	\$648,316	24,548
2018	567,959	\$667,782	99,823
2019	580,464	\$615,666	35,202
2020	602,893	\$643,191	40,298
2021	616,539	\$656,292	39,753
2022	636,912	\$670,889	33,977
2023	639,517	\$665,411	25,894
2024	653,166	\$684,497	31,331
2025	671,805	\$721,058	49,254
2026	685,881	\$711,220	25,339
2027	701,543	\$735,533	33,990
2028	715,436	\$755,619	40,183
2029	732,727	\$796,986	64,259
2030	754,145	\$840,967	86,823
2031	768,010	\$867,857	99,848
2032	787,646	\$902,692	115,047
2033	815,803	\$958,081	142,278
2034	847,127	\$986,584	139,457
2035	877,362	\$969,644	92,283
2036	905,919	\$1,009,030	103,111
2037	939,506	\$1,033,312	93,806
2038	975,696	\$1,086,344	110,649
2039	1,014,363	\$1,127,646	113,283
2040	1,057,688	\$1,186,765	129,077
NPV (2015 k\$)	9,030,492	9,720,584	690,092

Capital Costs:

Year	Maritime Link (k\$)	Indigenous Wind (k\$)	Benefit Nominal \$ (k\$)
2015	0	0	0
2016	0	0	0
2017	22,033	0	-22,033
2018	155,703	0	-155,703
2019	160,477	137,315	-23,163
2020	151,105	64,285	-86,820
2021	155,948	131,907	-24,041
2022	146,514	166,528	20,015
2023	143,824	183,203	39,379
2024	141,413	190,096	48,683
2025	139,011	191,635	52,624
2026	146,145	236,043	89,898
2027	135,823	232,164	96,341
2028	147,261	235,091	87,830
2029	146,988	221,421	74,433
2030	195,331	254,479	59,148
2031	202,337	252,898	50,562
2032	190,600	248,683	58,083
2033	188,085	243,014	54,929
2034	185,473	245,244	59,771
2035	237,533	283,683	46,150
2036	244,308	286,101	41,792
2037	229,937	292,415	62,479
2038	226,051	276,625	50,574
2039	222,107	311,265	89,159
2040	218,113	242,405	24,292
NPV (2015 k\$)	1,745,566	1,922,137	176,571

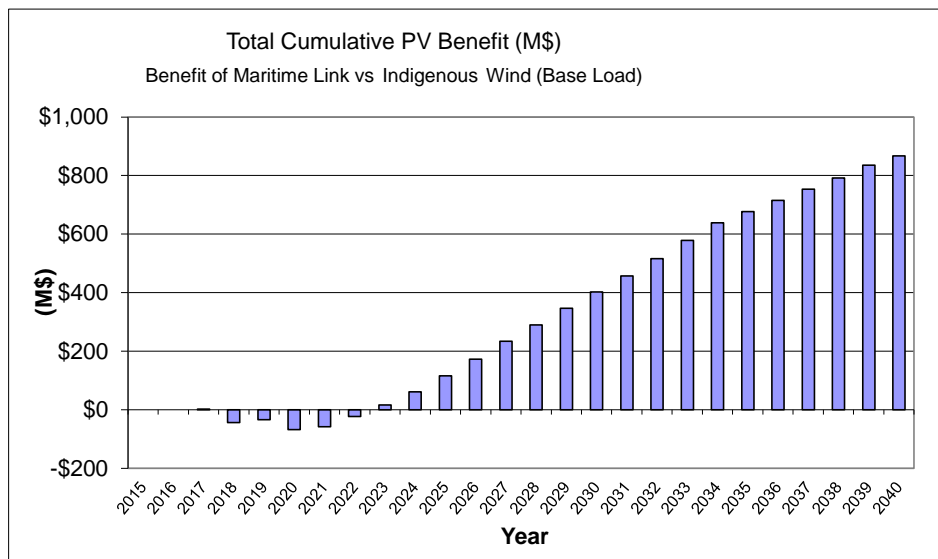
Total

Cumulative PV Benefit (\$2015) (M\$)

2015	0
2016	0
2017	2
2018	-44
2019	-35
2020	-68
2021	-58
2022	-23
2023	16
2024	61
2025	115
2026	173
2027	233
2028	289
2029	346
2030	403
2031	457
2032	516
2033	579
2034	638
2035	677
2036	715
2037	754
2038	791
2039	835
2040	867

Maritime Link NPV Planning Period Costs (M\$) 10,776
 Indigenous Wind NPV Planning Period Costs (M\$) 11,643

Total Cumulative PV Benefit 2015-2040 867 M\$
 (Discount Rate is 6.56%)



PV Benefit of Maritime Link vs Other Import (Low Load)

Operating Costs:

Year	Maritime Link (k\$)	Other Import (k\$)	Benefit Nominal \$ (k\$)
2015	585,164	\$585,164	0
2016	609,145	\$609,145	0
2017	613,994	\$634,032	20,038
2018	557,858	\$649,416	91,558
2019	568,403	\$663,492	95,089
2020	514,593	\$619,254	104,661
2021	520,808	\$631,260	110,452
2022	533,691	\$645,415	111,725
2023	523,976	\$628,963	104,987
2024	527,771	\$634,975	107,204
2025	535,734	\$645,011	109,277
2026	538,910	\$650,148	111,238
2027	543,351	\$656,798	113,447
2028	547,453	\$663,385	115,932
2029	548,581	\$666,315	117,734
2030	556,704	\$676,022	119,317
2031	559,674	\$682,196	122,522
2032	564,420	\$688,796	124,375
2033	574,028	\$699,368	125,340
2034	584,106	\$712,656	128,550
2035	596,459	\$727,408	130,948
2036	606,571	\$737,793	131,222
2037	616,467	\$750,246	133,779
2038	626,094	\$763,298	137,204
2039	635,855	\$775,314	139,458
2040	645,399	\$787,663	142,264
NPV (2015 k\$)	7,416,325	8,602,058	1,185,732

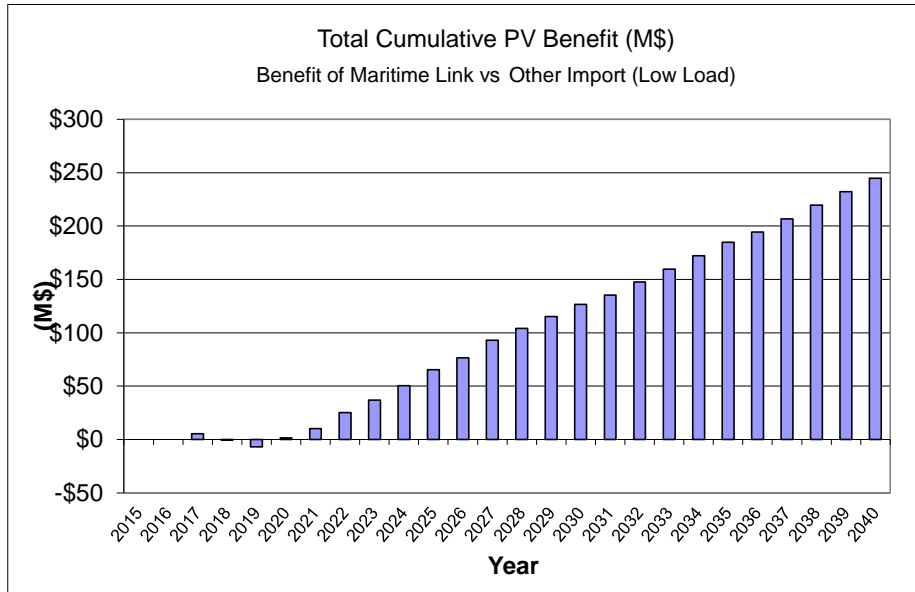
Capital Costs:

Year	Maritime Link (k\$)	Other Import (k\$)	Benefit Nominal \$ (k\$)
2015	0	0	0
2016	0	0	0
2017	22,033	8,118	-13,916
2018	155,703	56,906	-98,797
2019	160,477	57,450	-103,027
2020	151,105	57,845	-93,260
2021	155,948	58,103	-97,845
2022	146,514	58,234	-88,279
2023	143,824	58,249	-85,574
2024	141,413	58,158	-83,255
2025	139,011	57,968	-81,043
2026	146,145	57,687	-88,458
2027	135,823	57,324	-78,499
2028	147,261	56,883	-90,377
2029	146,988	56,373	-90,615
2030	145,738	55,797	-89,941
2031	153,641	55,162	-98,479
2032	142,802	54,471	-88,331
2033	141,185	53,731	-87,454
2034	139,471	52,944	-86,527
2035	137,673	52,114	-85,559
2036	146,337	51,245	-95,092
2037	133,855	50,340	-83,515
2038	131,858	49,401	-82,457
2039	129,802	48,432	-81,370
2040	127,698	47,435	-80,263
NPV (2015 k\$)	1,525,928	585,072	-940,856

Total Cumulative PV Benefit (\$2015) (M\$)
0
0
5
-1
-7
2
10
25
37
50
65
77
93
104
115
127
135
148
160
172
185
194
207
220
232
245

Maritime Link NPV Planning Period Costs (M\$) 8,942
 Other Import NPV Planning Period Costs (M\$) 9,187

Total Cumulative PV Benefit 2015-2040 245 M\$
 (Discount Rate is 6.56%)



PV Benefit of Maritime Link vs Indigenous Wind (Low Load)

Operating Costs:

Year	Maritime Link (k\$)	Indigenous Wind (k\$)	Benefit Nominal \$ (k\$)
2015	585,164	\$585,164	0
2016	609,145	\$609,145	0
2017	613,994	\$637,893	23,900
2018	557,858	\$651,539	93,681
2019	568,403	\$640,729	72,326
2020	514,593	\$577,413	62,820
2021	520,808	\$584,542	63,734
2022	533,691	\$590,506	56,815
2023	523,976	\$572,482	48,506
2024	527,771	\$579,144	51,373
2025	535,734	\$588,961	53,227
2026	538,910	\$592,596	53,686
2027	543,351	\$598,143	54,791
2028	547,453	\$611,422	63,968
2029	548,581	\$632,453	83,872
2030	556,704	\$628,190	71,486
2031	559,674	\$641,840	82,166
2032	564,420	\$638,442	74,021
2033	574,028	\$661,255	87,227
2034	584,106	\$669,741	85,635
2035	596,459	\$688,832	92,372
2036	606,571	\$704,346	97,775
2037	616,467	\$720,671	104,204
2038	626,094	\$734,604	108,510
2039	635,855	\$750,659	114,804
2040	645,399	\$764,464	119,065
NPV (2015 k\$)	7,416,325	8,185,364	769,038

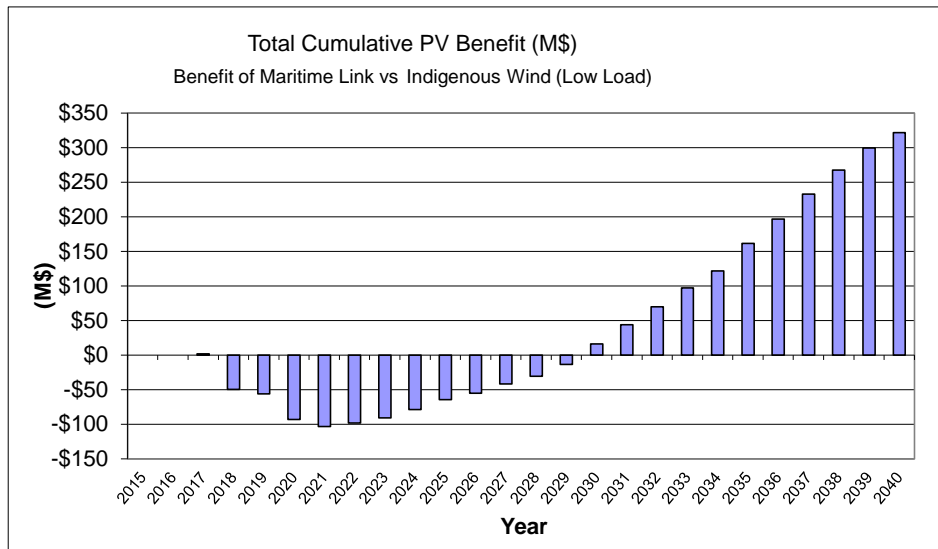
Capital Costs:

Year	Maritime Link (k\$)	Indigenous Wind (k\$)	Benefit Nominal \$ (k\$)
2015	0	0	0
2016	0	0	0
2017	22,033	0	-22,033
2018	155,703	0	-155,703
2019	160,477	80,003	-80,475
2020	151,105	37,297	-113,809
2021	155,948	77,174	-78,773
2022	146,514	97,612	-48,902
2023	143,824	107,479	-36,345
2024	141,413	111,585	-29,829
2025	139,011	112,540	-26,472
2026	146,145	111,760	-34,386
2027	135,823	110,015	-25,808
2028	147,261	107,725	-39,536
2029	146,988	105,118	-41,869
2030	145,738	151,915	6,177
2031	153,641	148,099	-5,542
2032	142,802	144,202	1,400
2033	141,185	140,245	-940
2034	139,471	136,243	-3,228
2035	137,673	186,958	49,285
2036	146,337	181,896	35,559
2037	133,855	176,806	42,951
2038	131,858	171,690	39,832
2039	129,802	162,323	32,521
2040	127,698	118,152	-9,546
NPV (2015 k\$)	1,525,928	1,078,842	-447,086

Total Cumulative PV Benefit (\$2015) (M\$)
0
0
2
-50
-56
-93
-103
-98
-91
-79
-65
-55
-41
-31
-14
16
44
70
97
122
162
197
233
268
300
322

Maritime Link NPV Planning Period Costs (M\$) **8,942**
 Indigenous Wind NPV Planning Period Costs (M\$) **9,264**

Total Cumulative PV Benefit 2015-2040 322 M\$
 (Discount Rate is 6.56%)

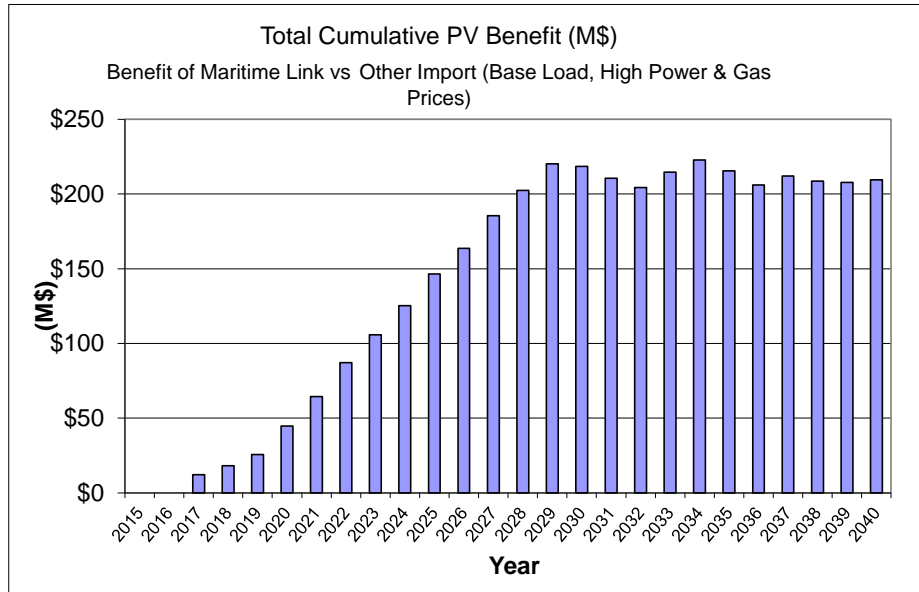


PV Benefit of Maritime Link vs Other Import (Base Load, High Power and Gas Prices)

Operating Costs:				Capital Costs:				Total Cumulative PV Benefit (\$2015) (M\$)
Year	Maritime Link (k\$)	Other Import (k\$)	Benefit Nominal \$ (k\$)	Year	Maritime Link (k\$)	Other Import (k\$)	Benefit Nominal \$ (k\$)	
2015	615,269	\$615,269	0	2015	0	0	0	0
2016	649,337	\$649,337	0	2016	0	0	0	0
2017	659,449	\$687,307	27,858	2017	22,033	8,118	-13,916	12
2018	612,024	\$718,009	105,985	2018	155,703	56,906	-98,797	18
2019	627,404	\$739,985	112,581	2019	160,477	57,450	-103,027	26
2020	651,174	\$770,643	119,469	2020	151,105	57,845	-93,260	45
2021	663,122	\$790,039	126,917	2021	155,948	58,103	-97,845	65
2022	687,539	\$810,956	123,418	2022	146,514	58,234	-88,279	87
2023	694,211	\$810,816	116,605	2023	143,824	58,249	-85,574	106
2024	709,390	\$827,387	117,997	2024	141,413	58,158	-83,255	125
2025	730,151	\$851,158	121,008	2025	139,011	57,968	-81,043	147
2026	749,375	\$872,398	123,023	2026	146,145	57,687	-88,458	164
2027	767,116	\$892,441	125,326	2027	135,823	57,324	-78,499	186
2028	781,127	\$910,269	129,142	2028	147,261	56,883	-90,377	203
2029	803,356	\$929,804	126,448	2029	146,988	63,369	-83,618	220
2030	840,821	\$962,219	121,399	2030	195,331	69,804	-125,527	219
2031	870,366	\$982,003	111,637	2031	202,337	68,913	-133,424	211
2032	898,813	\$1,002,899	104,086	2032	190,600	67,967	-122,633	204
2033	940,392	\$1,040,966	100,574	2033	188,085	119,599	-68,486	215
2034	983,848	\$1,078,995	95,147	2034	185,473	117,604	-67,869	223
2035	1,031,667	\$1,127,714	96,047	2035	237,533	115,565	-121,968	215
2036	1,076,504	\$1,171,983	95,479	2036	244,308	113,488	-130,820	206
2037	1,120,879	\$1,263,464	142,585	2037	229,937	111,374	-118,563	212
2038	1,165,195	\$1,267,140	101,945	2038	226,051	109,227	-116,824	209
2039	1,222,866	\$1,333,948	111,082	2039	222,107	107,050	-115,057	208
2040	1,290,486	\$1,412,796	122,310	2040	218,113	104,844	-113,269	210
NPV (2015 k\$)	9,960,676	11,184,998	1,224,322		1,745,566	730,867	-1,014,700	
Maritime Link NPV Planning Period Costs (M\$)			11,706					
Other Import NPV Planning Period Costs (M\$)			11,916					

Total Cumulative PV Benefit 2015-2040	210 M\$
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(Discount Rate is 6.56%)



PV Benefit of Maritime Link vs Indigenous Wind (Base Load, High Power and Gas Prices)

Operating Costs:

Year	Maritime Link (k\$)	Indigenous Wind (k\$)	Benefit Nominal \$ (k\$)
2015	615,269	\$615,269	0
2016	649,337	\$649,337	0
2017	659,449	\$682,086	22,638
2018	612,024	\$708,775	96,751
2019	627,404	\$647,140	19,736
2020	651,174	\$676,047	24,872
2021	663,122	\$687,830	24,708
2022	687,539	\$702,392	14,853
2023	694,211	\$700,541	6,330
2024	709,390	\$732,338	22,948
2025	730,151	\$799,008	68,857
2026	749,375	\$815,715	66,340
2027	767,116	\$863,333	96,217
2028	781,127	\$915,451	134,324
2029	803,356	\$986,491	183,135
2030	840,821	\$1,083,810	242,989
2031	870,366	\$1,122,291	251,925
2032	898,813	\$1,157,131	258,318
2033	940,392	\$1,256,401	316,009
2034	983,848	\$1,278,372	294,524
2035	1,031,667	\$1,232,538	200,871
2036	1,076,504	\$1,288,135	211,631
2037	1,120,879	\$1,309,582	188,703
2038	1,165,195	\$1,378,852	213,657
2039	1,222,866	\$1,461,489	238,623
2040	1,290,486	\$1,542,661	252,175
NPV (2015 k\$)	9,960,676	11,158,566	1,197,890

Capital Costs:

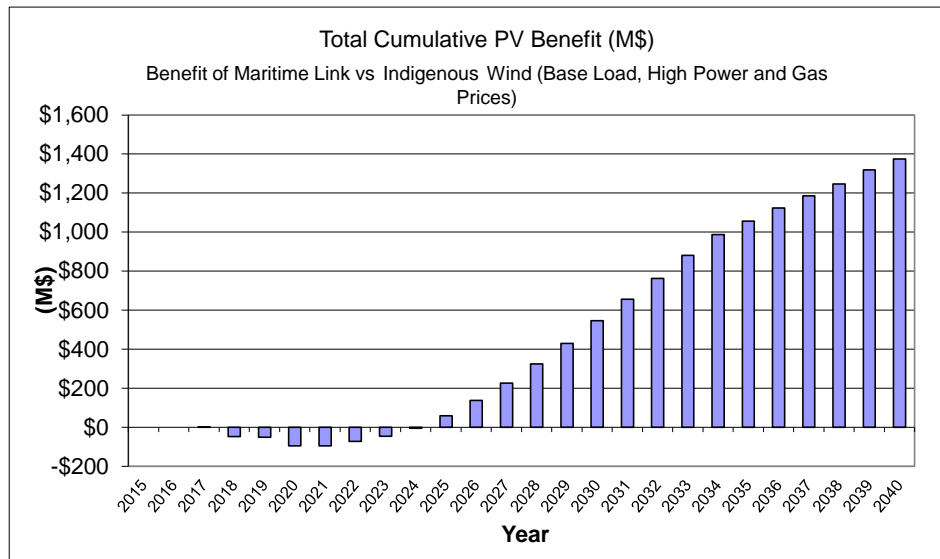
Year	Maritime Link (k\$)	Indigenous Wind (k\$)	Benefit Nominal \$ (k\$)
2015	0	0	0
2016	0	0	0
2017	22,033	0	-22,033
2018	155,703	0	-155,703
2019	160,477	137,315	-23,163
2020	151,105	64,285	-86,820
2021	155,948	131,907	-24,041
2022	146,514	166,528	20,015
2023	143,824	183,203	39,379
2024	141,413	190,096	48,683
2025	139,011	191,635	52,624
2026	146,145	236,043	89,898
2027	135,823	232,164	96,341
2028	147,261	235,091	87,830
2029	146,988	221,421	74,433
2030	195,331	254,479	59,148
2031	202,337	252,898	50,562
2032	190,600	248,683	58,083
2033	188,085	243,014	54,929
2034	185,473	245,244	59,771
2035	237,533	283,683	46,150
2036	244,308	286,101	41,792
2037	229,937	292,415	62,479
2038	226,051	276,625	50,574
2039	222,107	311,265	89,159
2040	218,113	242,405	24,292
NPV (2015 k\$)	1,745,566	1,922,137	176,571

Total

Year	Total Cumulative PV Benefit (\$2015) (M\$)
2015	0
2016	0
2017	1
2018	-48
2019	-51
2020	-96
2021	-95
2022	-73
2023	-46
2024	-5
2025	59
2026	137
2027	227
2028	324
2029	430
2030	546
2031	656
2032	763
2033	881
2034	987
2035	1,057
2036	1,123
2037	1,185
2038	1,247
2039	1,318
2040	1,374

Maritime Link NPV Planning Period Costs (M\$) 11,706
 Indigenous Wind NPV Planning Period Costs (M\$) 13,081

Total Cumulative PV Benefit 2015-2040 1,374 M\$
 (Discount Rate is 6.56%)



PV Benefit of Maritime Link vs Other Import (Base Load, Low Power and Gas Prices)

Operating Costs:

Year	Maritime Link (k\$)	Other Import (k\$)	Benefit Nominal \$ (k\$)
2015	527,116	\$527,116	0
2016	552,843	\$552,843	0
2017	603,169	\$628,912	25,743
2018	547,689	\$642,120	94,431
2019	556,340	\$657,416	101,075
2020	574,572	\$685,312	110,741
2021	590,024	\$704,397	114,373
2022	607,035	\$724,759	117,724
2023	607,791	\$719,939	112,149
2024	620,383	\$732,729	112,346
2025	638,550	\$751,758	113,208
2026	651,807	\$764,276	112,469
2027	665,841	\$779,871	114,030
2028	678,539	\$798,446	119,907
2029	693,880	\$815,320	121,440
2030	687,134	\$839,451	152,318
2031	701,698	\$855,846	154,148
2032	717,592	\$876,563	158,971
2033	740,053	\$871,130	131,077
2034	762,996	\$896,183	133,187
2035	769,485	\$924,322	154,837
2036	792,197	\$950,853	158,657
2037	816,365	\$978,224	161,859
2038	839,762	\$1,005,405	165,643
2039	864,813	\$1,036,544	171,731
2040	894,247	\$1,067,495	173,248
NPV (2015 k\$)	8,360,729	9,662,832	1,302,103

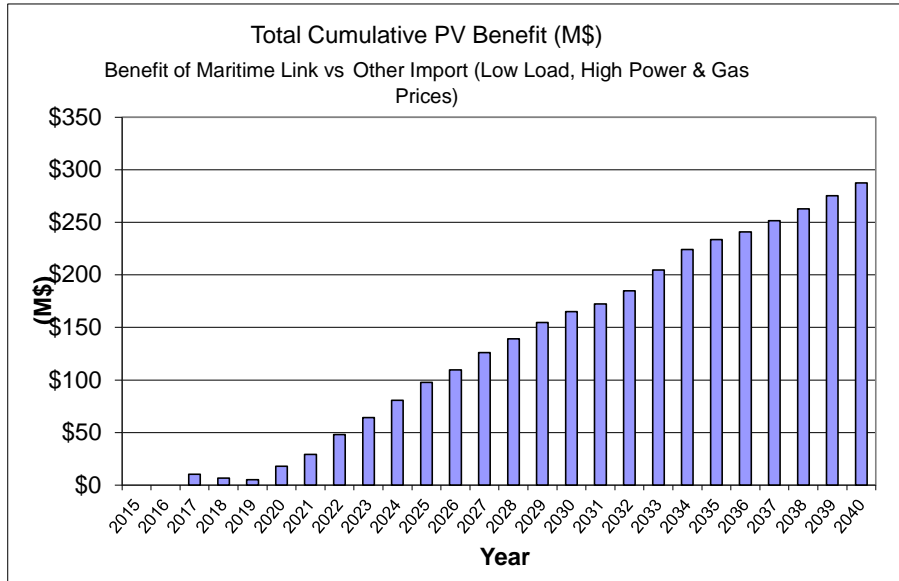
Capital Costs:

Year	Maritime Link (k\$)	Other Import (k\$)	Benefit Nominal \$ (k\$)
2015	0	0	0
2016	0	0	0
2017	22,033	8,118	-13,916
2018	155,703	56,906	-98,797
2019	160,477	57,450	-103,027
2020	151,105	57,845	-93,260
2021	155,948	58,103	-97,845
2022	146,514	58,234	-88,279
2023	143,824	58,249	-85,574
2024	141,413	58,158	-83,255
2025	139,011	57,968	-81,043
2026	146,145	57,687	-88,458
2027	135,823	57,324	-78,499
2028	147,261	56,883	-90,377
2029	146,988	63,369	-83,618
2030	195,331	69,804	-125,527
2031	202,337	68,913	-133,424
2032	190,600	67,967	-122,633
2033	188,085	119,599	-68,486
2034	185,473	117,604	-67,869
2035	237,533	115,565	-121,968
2036	244,308	113,488	-130,820
2037	229,937	111,374	-118,563
2038	226,051	109,227	-116,824
2039	222,107	107,050	-115,057
2040	218,113	104,844	-113,269
NPV (2015 k\$)	1,745,566	730,867	-1,014,700

Cumulative PV Benefit (\$2015) (M\$)

Maritime Link NPV Planning Period Costs (M\$) 10,106
 Other Import NPV Planning Period Costs (M\$) 10,394

Total Cumulative PV Benefit 2015-2040 287 M\$
 (Discount Rate is 6.56%)



PV Benefit of Maritime Link vs Indigenous Wind (Base Load, Low Power and Gas Prices)

Operating Costs:

Year	Maritime Link (k\$)	Indigenous Wind (k\$)	Benefit Nominal \$ (k\$)
2015	527,116	\$527,116	0
2016	552,843	\$552,843	0
2017	603,169	\$629,158	25,988
2018	547,689	\$642,485	94,796
2019	556,340	\$597,169	40,829
2020	574,572	\$617,061	42,490
2021	590,024	\$631,546	41,522
2022	607,035	\$644,349	37,314
2023	607,791	\$638,444	30,654
2024	620,383	\$652,128	31,745
2025	638,550	\$688,744	50,194
2026	651,807	\$661,304	9,497
2027	665,841	\$675,217	9,376
2028	678,539	\$680,002	1,463
2029	693,880	\$715,668	21,788
2030	687,134	\$739,958	52,825
2031	701,698	\$757,554	55,856
2032	717,592	\$783,435	65,843
2033	740,053	\$815,747	75,694
2034	762,996	\$830,797	67,801
2035	769,485	\$800,897	31,412
2036	792,197	\$827,454	35,258
2037	816,365	\$845,205	28,840
2038	839,762	\$873,192	33,430
2039	864,813	\$886,007	21,194
2040	894,247	\$921,831	27,584
NPV (2015 k\$)	8,360,729	8,809,017	448,288

Capital Costs:

Year	Maritime Link (k\$)	Indigenous Wind (k\$)	Benefit Nominal \$ (k\$)
2015	0	0	0
2016	0	0	0
2017	22,033	0	-22,033
2018	155,703	0	-155,703
2019	160,477	137,315	-23,163
2020	151,105	64,285	-86,820
2021	155,948	131,907	-24,041
2022	146,514	166,528	20,015
2023	143,824	183,203	39,379
2024	141,413	190,096	48,683
2025	139,011	191,635	52,624
2026	146,145	236,043	89,898
2027	135,823	232,164	96,341
2028	147,261	235,091	87,830
2029	146,988	221,421	74,433
2030	195,331	254,479	59,148
2031	202,337	252,898	50,562
2032	190,600	248,683	58,083
2033	188,085	243,014	54,929
2034	185,473	245,244	59,771
2035	237,533	283,683	46,150
2036	244,308	286,101	41,792
2037	229,937	292,415	62,479
2038	226,051	276,625	50,574
2039	222,107	311,265	89,159
2040	218,113	242,405	24,292
NPV (2015 k\$)	1,745,566	1,922,137	176,571

Total Cumulative PV Benefit (\$2015) (M\$)
0
0
3
-47
-33
-65
-53
-17
25
71
125
175
224
263
303
346
384
426
468
506
528
548
571
590
614
625

Maritime Link NPV Planning Period Costs (M\$) 10,106
 Indigenous Wind NPV Planning Period Costs (M\$) 10,731

Total Cumulative PV Benefit 2015-2040 625 M\$
 (Discount Rate is 6.56%)

