

## SCHEDULE 18: REPORT ON THE FORECAST TOTAL ASSET BASE REVENUE REQUIREMENTS

Version 4.0

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18(i): Forecast Internal Rate of Return (\$000)

First Day of Pricing Period

Pricing Period Starting Year

Pricing Period Starting Year + 1

Pricing Period Starting Year + 2

Pricing Period Starting Year + 3

Pricing Period Starting Year + 4

Last Day of Pricing Period

30 Jun 23

30 Jun 24

30 Jun 25

30 Jun 26

30 Jun 27

30 Jun 27

1 Jul 22

30 Dec 22

2 Feb 23

31 Dec 23

3 Feb 24

30 Dec 24

2 Feb 25

30 Dec 25

2 Feb 26

30 Dec 26

2 Feb 27

30 Jun 27

Opening RAB

Forecast opening carry forward adjustment

Opening investment value

1,697,891

87,810

1,610,080

plus

Forecast total revenue requirement

less

Forecast assets commissioned

plus

Forecast cash flow from asset disposals

less

Forecast operational expenditure

less

Forecast unlevered tax

Forecast closing asset base

Forecast closing carry forward adjustment

Forecast closing investment value

Forecast net cash flows

Forecast post-tax IRR - Pricing period

NPV check

284,355

480,191

556,827

635,547

727,088

243,630

449,536

1,064,327

445,591

878,418

130,517

161,569

173,038

177,183

189,624

23,944

62,897

67,997

75,335

89,403

4,131,312

43,744

4,087,568

(1,610,080)

(398,091)

284,355

(674,002)

480,191

(1,305,361)

556,827

(698,108)

635,547

(1,157,445)

727,088

4,087,568

7.06%

(0.00)

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18(ii): Forecast Internal Rate of Return - Annual and Period to Date (\$000)

Year ended

30 Jun 23

30 Jun 24

30 Jun 25

30 Jun 26

30 Jun 27

Forecast closing asset base

Forecast closing carry forward adjustment

Forecast closing investment value

Forecast post-tax IRR - annual

Forecast post-tax IRR - period to date

1,857,306

2,211,006

3,162,267

3,436,028

4,131,312

86,084

86,084

86,084

86,084

43,744

1,771,222

2,124,922

3,076,183

3,349,945

4,087,568

2.81%

8.37%

7.99%

6.69%

8.49%

2.81%

5.68%

6.57%

6.60%

7.00%

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18(iii): Forecast opening carry forward adjustment

Forecast closing carry forward adjustment from previous pricing period

Opening carry forward adjustments from current price setting event

Forecast opening carry forward adjustment

(\$000)

Default revaluation gain/loss adjustment

Risk allocation adjustment

Other carry forward adjustments

Forecast opening carry forward adjustment

86,084

1,726

87,810

86,084

1,726

87,810

Please explain each adjustment and how this has been calculated

Please explain each adjustment and how this has been calculated

Please refer to section 3.2.5 of PSE4 Price Setting Disclosure commentaries

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18(iv): Forecast closing carry forward adjustment

Market premium Adjustment

Post-pricing decision adjustments - correction of errors and omissions

Total forecast closing carry forward adjustment

(\$000)

86,084

(42,349)

43,744

Please explain each adjustment and how this has been calculated

Please refer to section 3.2.5 of PSE4 Price Setting Disclosure commentaries

Please refer to section 3.2.5 of PSE4 Price Setting Disclosure commentaries

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Explain how the closing investment value provides a good indication of the remaining capital expected to be recovered by the airport in future pricing periods and provide a summary of substantial customer views on any closing carry forward adjustments

Please refer to section 3.2.5 of PSE4 Price Setting Disclosure commentaries. Auckland Airport has reduced the financing costs applied to capital expenditure to reflect the lower WACC. This impacts the value of cashflow and commissioned capital expenditure in the 10-year capital plan and associated depreciation charges. Other than the reduction in financing costs, no changes have been made to other capital expenditure costs, project scope or timing.

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Regulated Airport  
Pricing Period Starting Year EndedAuckland International Airport Limited  
30 June 2023

## SCHEDULE 18: REPORT ON THE FORECAST TOTAL ASSET BASE REVENUE REQUIREMENTS (cont)

Version 4.0

## 18(v): Cash flow timing assumptions

Year of most recent annual disclosure (year ended)  
First day of pricing period30 June 2022  
1 July 2022

Airport

assumption

Default assumption

Cash flow timing - revenues - days from year end  
Cash flow timing - expenditure - days from year end148  
182148  
182

## Explanation and evidence if airport assumption is different from default

Default assumptions have been used, please refer to section 3.4.2 of Price Setting Disclosure commentaries

## 18(vi): Total Revenue Requirement

## Overview of the methodology used to determine the revenue requirement

Please refer to section 3.1 of Price Setting Disclosure commentaries. Auckland Airport's target return has been lowered following the review by the Commerce Commission. Please see "Review of Auckland Airport's 2022-2027 Price Setting Event - Final Report" for more information in the WACC methodology applied

(\$'000)

Forecast revenue for services applicable to the price setting event (excluding forecast assets held for future use revenue)

plus Forecast lease, rental and concession income (not applicable to the price setting event)

plus Forecast other operating revenue (not applicable to the price setting event)

Forecast total revenue requirement (excluding assets held for future use revenue)

less Forecast operational expenditure

less Forecast depreciation

less Forecast unlevered tax

plus Forecast revaluations

Forecast regulatory profit / (loss)

Pricing Period Starting Year	Pricing Period Starting Year + 1	Pricing Period Starting Year + 2	Pricing Period Starting Year + 3	Pricing Period Starting Year + 4
30 Jun 23	30 Jun 24	30 Jun 25	30 Jun 26	30 Jun 27
232,854	423,494	494,684	566,336	638,819
51,201	56,696	62,143	69,213	86,269
284,355	480,191	556,827	635,547	727,088
130,517	163,569	173,038	177,183	189,624
71,646	88,008	113,074	169,578	193,721
23,044	62,897	67,997	75,335	89,403
8,970	6,503	6,890	6,597	30,645
67,218	174,219	209,608	220,049	264,985

Forecast cost of capital

Post-tax WACC at price setting event

WACC percentile equivalent for forecast cost of capital (optional)

WACC percentile equivalent for the post-tax IRR (optional)

7.82%
6.98%

## Explain the differences between the post-tax IRR and the forecast cost of capital, and the post-tax WACC at price setting event and the forecast cost of capital (including reasons)

Please refer to section 3.4 of Price Setting Disclosure commentaries. Auckland Airport's target return has been lowered following the review by the Commerce Commission. Please see "Review of Auckland Airport's 2022-2027 Price Setting Event - Final Report" for more information in the WACC methodology applied

## Forecast total revenue requirement from airport charges (including assets held for future use revenue)

Forecast total revenue requirement (excluding assets held for future use revenue)

Forecast assets held for future use revenue

Forecast total revenue requirement (including forecast assets held for future use revenue)

284,355	480,191	556,827	635,547	727,088
(3,007)	(3,107)	(3,388)	(3,465)	(3,593)
281,348	477,083	553,439	632,083	723,495

## Description of any other factors that are considered in determining the forecast total revenue requirement

Please refer to section 3.5 of Price Setting Disclosure commentaries

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Regulated Airport  
Pricing Period Starting Year Ended

Auckland International Airport Limited  
30 June 2023

**SCHEDULE 18: REPORT ON THE FORECAST TOTAL ASSET BASE REVENUE REQUIREMENTS (cont 3)**

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(\$000)

**18(vii): Opening Regulatory Asset Base**

30 Jun 22

Regulatory asset base as at 30 June 2022	1,638,241
less Forecast depreciation	—
plus Forecast revaluations	—
plus Assets commissioned	—
less Asset disposals	—
plus (less) Forecast adjustment resulting from cost allocation	59,550
Estimate of regulatory asset base at start of price setting event	1,697,891

	Pricing Period Starting Year - 1 30 Jun 22	Pricing Period Starting Year 30 Jun 23	Pricing Period Starting Year + 1 30 Jun 24	Pricing Period Starting Year + 2 30 Jun 25	Pricing Period Starting Year + 3 30 Jun 26	Pricing Period Starting Year + 4 30 Jun 27
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(per year ended)

**18(viii): Forecast Asset Base**

Forecast asset base—previous year	1,463,762	1,697,891	1,857,306	2,211,006	3,162,267	3,436,028
less Forecast depreciation	60,758	71,646	86,006	113,074	169,578	193,721
plus Forecast revaluations	9,054	8,970	6,503	6,890	6,597	10,645
plus Assets commissioned	220,367	243,630	449,536	1,064,327	445,591	878,418
less Asset disposals	72	21,539	14,331	6,861	8,849	59
plus (less) Forecast adjustment resulting from cost allocation	65,518	—	—	—	—	—
Forecast closing asset base	1,697,891	1,857,306	2,211,006	3,162,267	3,436,028	4,131,312

**Description and explanation of the depreciation methodology applied**

Please refer to section 3.2 of Price Setting Disclosure commentaries

**18(ix): Forecast Works Under Construction**

Works under construction—previous year	330,193	348,145	593,157	1,038,944	1,231,866	1,950,564
plus Capital expenditure	238,219	488,641	895,323	1,257,249	1,164,289	1,180,380
less Assets commissioned	220,367	243,630	449,536	1,064,327	445,591	878,418
Works under construction	348,145	593,157	1,038,944	1,231,866	1,950,564	2,252,526

**18(x): Assets held for future use cost and base value**

Assets held for future use opening cost—previous year	405,090	431,839	437,838	479,222	519,136	562,227
plus Forecast holding costs	26,817	33,778	34,239	37,475	40,596	43,966
less Forecast assets held for future use net revenue	68	(2,165)	(2,237)	(2,489)	(2,494)	(2,586)
plus Forecast assets held for future use additions	176,881	34,397	—	—	—	—
less Forecast assets held for future use disposals	—	41,849	9,588	—	—	—
less Forecast transfers to works under construction	176,881	22,483	(14,495)	—	—	—
Assets held for future use closing cost	421,839	437,838	479,222	519,136	562,227	608,780
Initial base value	167,702	—	—	—	—	—
plus Opening tracking revaluations	13,218	—	—	—	—	—
Opening base value	180,920	180,915	150,979	155,887	155,887	155,887
plus Forecast assets held for future use revaluations	15	34,297	—	—	—	—
plus Forecast assets held for future use additions	—	41,849	9,588	—	—	—
less Forecast assets held for future use disposals	—	—	—	—	—	—
less Forecast transfers to works under construction	176,881	22,483	(14,495)	—	—	—
Closing base value	180,915	150,979	155,887	155,887	155,887	155,887
Tracking revaluations	13,213	13,213	13,213	13,213	13,213	13,213

**Assumptions and explanations of any assets held for future use revenues**

Please refer to section 3.2.8 of Price Setting Disclosure commentaries

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**SCHEDULE 18: REPORT ON THE FORECAST TOTAL ASSET BASE REVENUE REQUIREMENTS (cont 4)**

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#### 18(xi): Forecast Capital Expenditure

[illegible]

Regulated Airport  
Pricing Period Starting Year Ended

Auckland International Airport Limited  
30 June 2023

**SCHEDULE 18: REPORT ON THE FORECAST TOTAL ASSET BASE REVENUE REQUIREMENTS (cont 5)**

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**Basis for Cost Allocation**

Please refer to section 3.2.8 and section 4.2.3 of Price Setting Disclosure commentaries

An explanation of where and why disclosures differ from the cost-allocation input Methodology and/or, where costs are shared between regulated and non-regulated assets, an explanation of the basis for that allocation.

**Key Capital Expenditure Projects—Consumer Demands Assessment**

Please refer to section 3.2.3 and Appendix A of Price Setting Disclosure commentaries. Auckland Airport has reduced the financing costs applied to capital expenditure to reflect the lower WACC. This impacts the value of cashflow and commissioned capital expenditure in the 10-year capital plan and the associated depreciation charges. No changes have been made to the scope, timing or any of the other capital expenditure costs.

An explanation of how consumer demands have been assessed and incorporated for each reported project and the degree to which consumers agree with project scope, timing and cost.

**18(xii) Forecast operational expenditure**

(\$000)

Corporate overheads  
Asset management and airport operations  
Asset maintenance  
Forecast operational expenditure

		Pricing Period		Pricing Period	
Pricing Period Starting Year		Pricing Period Starting Year + 1		Pricing Period Starting Year + 2	
30 Jun 23		30 Jun 24		30 Jun 25	
Starting Year		Starting Year + 3		Pricing Period Starting Year + 4	
		30 Jun 26		30 Jun 27	
	42,597	52,731	56,474	57,827	61,887
	46,683	50,363	53,938	55,230	58,108
	47,237	58,475	62,626	64,126	68,629
	136,517	161,569	173,038	177,183	189,624

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Regulated Airport

Pricing Period Starting Year Ended

Auckland International Airport Limited

30 June 2023

SCHEDULE 18: REPORT ON THE FORECAST TOTAL ASSET BASE REVENUE REQUIREMENTS (cont 6)

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18(xlii) Forecast financial incentives

286

287

288

289

290

291

(\$000)

Forecast pricing incentives

Forecast other incentives

Forecast total financial incentives

Pricing Period

Pricing Period Starting

Year

30 Jun 23

Starting Year

+ 1

30 Jun 24

Pricing Period Starting

Year + 2

30 Jun 25

Pricing Period

Pricing Period Starting

Year + 3

30 Jun 26

Pricing Period Starting

Year + 4

30 Jun 27

8,318

7,523

9,741

10,833

10,410

1,117

5,187

386

—

—

9,434

8,706

10,127

10,833

10,410

292

18(xiv) Forecast revaluations

293

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Forecast CPI used to set prices

Forecast pricing CPI (%)

Asset category revaluation rates (%)

Land

Sealed Surfaces

Infrastructure and buildings

Vehicles, plant and equipment

Revaluations (\$000s)

Land

Sealed Surfaces

Infrastructure and buildings

Vehicles, plant and equipment

Total forecast revaluations

Pricing Period

Pricing Period Starting

Year

30 Jun 22

Starting Year

+ 1

30 Jun 23

Pricing Period Starting

Year + 2

30 Jun 24

Pricing Period

Pricing Period Starting

Year + 3

30 Jun 25

Pricing Period Starting

Year + 4

30 Jun 26

7.30%

6.20%

3.30%

2.60%

2.30%

2.30%

7.30%

6.20%

3.30%

2.60%

2.30%

2.30%

7.30%

6.20%

3.30%

2.60%

2.30%

2.30%

7.30%

6.20%

3.30%

2.60%

2.30%

2.30%

2,017

1,981

1,120

911

827

772

—

—

—

—

—

—

7,029

6,959

5,369

5,568

5,763

9,864

8

31

14

10

7

9

9,054

8,970

6,503

6,890

6,597

10,645

309

Value of any forecast revaluations not consistent with ILMs

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18(xv) Alternative methodologies with equivalent effect

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Description of and explanation for any alternative methodologies with equivalent effect that have been applied and which components they have been applied to (including evidence to support that it is likely to have equivalent effect)

No methodologies with equivalent effect have been applied

2900.0

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Auckland International Airport Limited  
30 June 2023

SCHEDULE 19: REPORT ON THE FORECAST PRICING ASSET BASE REVENUE REQUIREMENTS

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		First Day of Pricing Period	Pricing Period Starting Year 30 Jun 23	Pricing Period Starting Year + 1 30 Jun 24	Pricing Period Starting Year + 2 30 Jun 25	Pricing Period Starting Year + 3 30 Jun 26	Pricing Period Starting Year + 4 30 Jun 27	Last Day of Pricing Period						
8	19(i): Forecast Internal Rate of Return													
9	(\$000)	Cash flow date	1 Jul 22	30 Dec 22	2 Feb 23	31 Dec 23	3 Feb 24	30 Dec 24	2 Feb 25	30 Dec 25	2 Feb 26	30 Dec 26	2 Feb 27	30 Jun 27
10	Opening asset base (applicable to price setting)		1,315,588											
11	Forecast opening carry forward adjustment		87,810											
12	Opening investment value		1,227,778											
13														
14	plus Forecast revenue for services applicable to price setting event			232,854		423,494		494,684		566,336		638,819		
15	less Forecast assets commissioned		222,119		349,698		927,869		407,679		649,431			
16	plus Forecast cash flow from asset disposals		—		—		—		—		—			
17	less Forecast operational expenditure		116,426		144,585		154,955		158,680		169,910			
18	less Forecast unlevered tax		15,116		54,640		60,621		68,483		79,323			
19														
20	Forecast closing asset base													3,314,439
21	Forecast closing carry forward adjustment													43,744
22	Forecast closing investment value													3,270,695
23														
24	Forecast net cash flows		(1,227,778)	(353,661)	232,854	(548,922)	423,494	(1,143,445)	494,684	(634,841)	566,336	(898,664)	638,819	3,270,695
25														
26	Forecast post-tax IRR as at 01 July 2022		7.82%											
27	NPV check		0.0	OK										

19(ii): Opening carry forward adjustment

	Forecast closing carry forward from previous price setting event	Opening carry forward adjustments from current price setting event	Total opening carry forward adjustments	Please explain each adjustment and how this has been calculated
29				
30	(\$000)			
31	Default revaluation gain/loss adjustment		—	
32	Risk allocation adjustment		—	
33	Other carry forward adjustments	86,084	1,726	87,810
34	Forecast opening carry forward adjustment	86,084	1,726	87,810

Provide a summary of any views expressed by substantial customers about the pricing approaches reflected in the opening carry forward adjustment

Please refer to section 3.2.5 of Price Setting Disclosure commentaries

19(iii): Forecast closing carry forward adjustment

	(\$000)	Please explain each adjustment and how this has been calculated
40	Moratorium Adjustment	86,084
41	Post-pricing decision adjustments - correction of errors and omissions	-42,340
42		
43		
44	Total forecast closing carry forward adjustment	43,744

Explain how the closing investment value provides a good indication of the remaining capital expected to be recovered by the airport in future pricing periods and provide a summary of substantial customer views on any closing carry forward adjustments

Please refer to section 3.2.5 of Price Setting Disclosure commentaries. Auckland Airport has reduced the financing costs applied to capital expenditure to reflect the lower WACC. This impacts the value of cashflow and commissioned capital expenditure in the 10-year capital plan and the associated depreciation charges. No changes have been made to the scope or any of the other capital expenditure costs.

19(iv): Cash flow timing assumptions

50	Year of most recent annual disclosure (year ended)	30 June 2022
51	First day of pricing period	1 July 2022
52		
53		
54	Cash flow timing - revenues - days from year end	148
55	Cash flow timing - expenditure - days from year end	182

Explanation and evidence if airport assumption is different from default

Default assumptions have been used, please refer to section 3.4.2 of Price Setting Disclosure commentaries

Regulated Airport  
Pricing Period Starting Year Ended

Auckland International Airport Limited  
30 June 2023

SCHEDULE 19: REPORT ON THE FORECAST PRICING ASSET BASE REVENUE REQUIREMENTS (cont 2)

Version 4.0

19(v): Total Revenue Requirement for Pricing Assets

Overview of the methodology used to determine the revenue requirement for pricing assets

Please refer to section 4 of Price Setting Disclosure commentaries. Auckland Airport's target return has been lowered following the review by the Commerce Commission. Please see "Review of Auckland Airport's 2022-2027 Price Setting Event – Final Report" for more information in the WACC methodology applied

(\$000)

	Pricing Period Starting Year 30 Jun 23	Pricing Period Starting Year + 1 30 Jun 24	Pricing Period Starting Year + 2 30 Jun 25	Pricing Period Starting Year + 3 30 Jun 26	Pricing Period Starting Year + 4 30 Jun 27
Forecast revenue from airport activity charges applicable to the price setting event	228,120	418,618	489,662	561,163	633,491
Forecast lease, rental and concession income (applicable to the price setting event)	4,734	4,876	5,022	5,173	5,328
plus Forecast other operating revenue (applicable to the price setting event)					
Forecast pricing revenue for services applicable to the price setting event pricing revenue requirement (excluding assets held for future use revenue)	232,854	423,494	494,684	566,336	638,819
less Forecast operational expenditure	116,426	144,585	154,955	158,680	169,910
less Forecast depreciation	58,319	72,945	92,606	136,668	156,711
less Forecast unlevered tax	15,116	54,640	60,621	68,483	79,323
plus Forecast revaluations	–	–	–	–	–
Forecast regulatory profit / (loss)	42,993	151,325	186,503	202,505	232,875
Forecast cost of capital	7.82%				

Explain any difference between the post-tax IRR on the pricing asset base and the post-tax IRR on the regulated asset base

Please refer to section 3.4 of Price Setting Disclosure commentaries. Auckland Airport's target return has been lowered following the review by the Commerce Commission. Please see "Review of Auckland Airport's 2022-2027 Price Setting Event – Final Report" for more information in the WACC methodology applied

Forecast pricing revenue requirement from airport charges (including assets held for future use charges)

Forecast pricing revenue requirement (excluding forecast revenue from assets held for future use revenues)	228,120	418,618	489,662	561,163	633,491
Forecast revenues from assets held for future use charges	–	–	–	–	–
Forecast pricing revenue requirement from airport charges (including forecast revenue from assets held for future use charges)	228,120	418,618	489,662	561,163	633,491

Description of any other factors that are considered in determining the forecast total revenue requirement

Please refer to section 3.5 of Price Setting Disclosure commentaries



