



Section 6: Appendices

Appendix A

Glossary

A

AASB	Australian Accounting Standards Board
ACCESS	Australian Community Climate and Earth System Simulator
ACCESS-C	a city scale ACCESS model
ACCESS-CE	an ensemble version of ACCESS-C
ACCESS-G	a global scale ACCESS model
ACCESS-GE	an ensemble version of ACCESS-G
ACO	Agri-Climate Outlooks
ACORN-SAT	Australian Climate Observations Reference Network - Surface Air Temperature dataset
ACS	Australian Climate Service
ACSC	Australian Cyber Security Centre
ACT	Australian Capital Territory
AFAC	the Australasian Fire and Emergency Services Authorities Council
AFDRS	Australian Fire Danger Rating System
AMBLs	automated meteorological balloon launching system
AMSA	Australian Maritime Safety Authority

ANAO	Australian National Audit Office
APS	Australian Public Service
ASO	Administrative Service Officer
ASWFC	Australian Space Weather Forecasting Centre
ATWS	Australian Tsunami Warning System
AWRA-L	the Bureau's land-surface water balance model
AUD	Australian dollar
Australis	the Bureau's supercomputer
AWS	automatic weather station

B

BARRA	Bureau of Meteorology atmospheric high-resolution regional reanalysis for Australia
BARPA	Bureau of Meteorology Atmospheric Regional Projections for Australia
BOM	Bureau of Meteorology
BOMIdeas	the Bureau's online research community
BPM	business process management
B-SAC	the Bureau's Science Advisory Committee
BST	Business Systems Transformation Program
Bureau	Bureau of Meteorology

C

°C	degrees Celsius
CARES	Compensation and Rehabilitation Employee Services
CEO	Chief Executive Officer
CIRMP	Critical Infrastructure Risk Management Program
cm	centimetre
CO ₂	Carbon Dioxide
COSMIC-2	a constellation of meteorological satellites
COSPPac	Climate and Oceans Support Program for the Pacific
COVID-19	an infectious disease caused by the coronavirus SARS-CoV-2
CRM	Customer relationship management system
CRPS	Continuous Ranked Probability Score
CSA	Climate Services for Agriculture
CSIRO	Commonwealth Scientific and Industrial Research Organisation

CSS	Commonwealth Superannuation Scheme
Cth	Commonwealth

D

DCB	Departmental Capital Budget
DCCEEW	Department of Climate Change, Energy, the Environment and Water
DDG	Data and Digital Group
DR	Disaster Recovery

E

EA	Enterprise Agreement
EAMS	Enterprise Asset Management System
EAP	Employee Assistance Program
EIP	Enterprise Integration Platform
EL	Executive Level
El Niño	See ENSO
EMPA	Emergency Media and Public Affairs
ENSO	El Niño-Southern Oscillation

F

FAICD	Fellow of the Australian Institute of Company Directors
FBT	Fringe Benefits Tax
FDC	Future Data Centre
FOI	Freedom of Information
FOI Act	<i>Freedom of Information Act 1982</i>
FRR	<i>Public Governance, Performance and Accountability (Financial Reporting) Rule 2015</i>
FTSE	Fellow of the Australian Academy of Technological Services and Engineering

G

GBON	Global Basic Observing Network
GDP	Gross Domestic Product
GSO	General Service Officer
GST	Goods and Services Tax

H

HRWS	high-risk weather season
HOA	Head of Agency
hPa	hectopascal

HPC	high performance computer
HPR	Hazard Preparedness and Response
HSE	Health, Safety and Environment
HSF	Hazards Services Forum
HSR	Health and Safety Representative
Himawari	Japan Meteorological Agency geostationary meteorological satellite
HyFS	Hydrological Forecasting System

I

ICT	Information and communication technology
IGA	Intergovernmental Agreement
IDAHOBIT	International Day Against Homophobia, Biphobia, Interphobia and Transphobia
IMO	International Maritime Organization
IMSAS	International Maritime Organization Member State Audit Scheme
IOC	Intergovernmental Oceanographic Commission (of UNESCO)
ISO	International Organization of Standardization
IT	information technology
ITO	Information Technology Officer
IWTC-10	10th International Workshop on Tropical Cyclones

J

JATWC	Joint Australian Tsunami Warning Centre
JULES	the Bureau's operational land surface model

K

km	kilometre
km/h	kilometre per hour
kWh	kilowatt hour

L

La Niña	see ENSO
LGBTQIA+	People who identify as lesbian, gay, bisexual, transgender, queer, intersex, asexual or otherwise sexually or gender diverse
LTIFR	lost time injury frequency rate

M

MET5	Meteorology Five Eyes Community of Practice
METOP-A	a meteorological operational satellite developed by the European Space Agency
miPDS	Employee Performance Development Scheme
m	metre
mm	millimetre
MSLP	mean sea level pressure

N

NAIDOC	National Aborigines and Islanders Day Observance Committee
NEMA	National Emergency Management Agency
NSSP	National Security and Space Program
NSW	New South Wales
NT	Northern Territory
NTFGS	National Thunderstorm Forecast Guidance System
NWP	Numerical Weather Prediction
NWS	National Weather Service

O

OceanMAPS	Ocean Modelling Analysis and Prediction System
OPA	Official Public Account
OT	observation technology

P

PBS	Portfolio Budget Statements
PGPA Act	<i>Public Governance, Performance and Accountability Act 2013</i>
PGPA Rule	<i>Public Governance, Performance and Accountability Rule 2014</i>
PhD	Doctor of Philosophy
PNG	Papua New Guinea
PO	Professional Officer
PSS	Public Sector Superannuation Scheme
PSSap	PSS accumulation plan
PST	Public Services Transformation Program
Public Service Act	<i>Public Service Act 1999</i>

Q

QLD	Queensland
QFES	Queensland Fire and Emergency Services
QMS	Quality Management System

R

R&D	research and development
RA-II	Regional Association II (Asia) of WMO
RA-V of WMO	Regional Association V (South-West Pacific)
RAAF	Royal Australian Air Force
RAP	Reconciliation Action Plan
RFDS	Royal Flying Doctors Service
ROBUST	A program to increase resilience of critical business functions
ROU	Right of Use
RS	Research Scientist

S

SA	South Australia
SDGs	Sustainable Development Goals
SEOCN	State Emergency Operations Controller
SES	State Emergency Service
SES	Senior Executive Service
SOFF	Systematic Observations Financing Facility (of WMO)
SOLAS	<i>International Convention for the Safety of Life at Sea 1974</i>
SSM	Strategic Success Measure
STEM	Science, Technology, Engineering and Mathematics
STEPS	Short Term Ensemble Prediction System
SIA	Strategy in Action workshop
SIMS	Solomon Islands Meteorological Services
Strategy	Strategy 2022–2027

T

TAF	An aerodrome forecast
Tas	Tasmania
TO	Technical Officer
TR	Trainee

U

UK	United Kingdom
UN	United Nations
UNESCO	United Nations Educational, Scientific and Cultural Organization
USD	United States dollar
UTC	Universal Time Coordinated
UV	Ultraviolet

V

VAAC	Volcanic Ash Advisory Centre
Vic	Victoria

W

WA	Western Australia
WHS	work health and safety
WMO	World Meteorological Organization

Appendix B

List of requirements

This list of requirements is provided in accordance with the *Public Governance, Performance and Accountability Rule 2014*, section 17AJ: Aids to access.

N/A notes that the requirement was not applicable to the Bureau in 2022–23.

PGPA Rule Reference	Description	Requirement	Part of Report	Page
17AD(g) Letter of transmittal				
17AI	Letter of transmittal	Mandatory	Letter of transmittal	1
17AD(h) Aids to access				
17AJ(a)	Table of contents	Mandatory	Contents	3
17AJ(b)	Alphabetical index	Mandatory	Appendices	262–270
17AJ(c)	Glossary of abbreviations and acronyms	Mandatory	Appendices	251–254
17AJ(d)	List of requirements	Mandatory	Appendices	255–261
17AJ(e)	Details of contact officer	Mandatory	Inside back cover	IBC
17AJ(f)	Entity's website address	Mandatory	Inside back cover	IBC
17AJ(g)	Electronic address of report	Mandatory	Inside back cover	IBC
17AD(a) Review by Accountable Authority				
17AD(a)	Review by the Accountable Authority	Mandatory	Review by the CEO and Director of Meteorology	21
17AD(b) Overview of the entity				
17AE(1)(a)(i)	Role and functions	Mandatory	Agency overview	28
17AE(1)(a)(ii)	Organisational structure	Mandatory	Corporate governance	144–145
17AE(1)(a)(iii)	Outcome and program administered	Mandatory	The Bureau at a glance	6
17AE(1)(a)(iv)	Purpose	Mandatory	The Bureau at a glance	5

PGPA Rule Reference	Description	Requirement	Part of Report	Page
17AE(1)(aa)(i)	Name of the Accountable Authority	Mandatory	Corporate governance	146
17AE(1)(aa)(ii)	Position title of the Accountable Authority	Mandatory	Corporate governance	149
17AE(1)(aa)(iii)	Period as the Accountable Authority	Mandatory	Corporate governance	146
17AE(1)(b)	An outline of the structure of the portfolio of the entity	Portfolio Dept. mandatory	N/A	–
17AE(2)	Where the outcomes and programs differ from budget statements	If applicable, Mandatory	N/A	–
17AD(c)	Report on the Performance of the entity			
	Annual performance Statements			
17AD(c)(i); 16F	Annual performance statement in accordance with the PGPA Act and Rule	Mandatory	Annual Performance Statement	33–54
17AD(c)(ii)	Report on Financial Performance			
17AF(1)(a)	A discussion and analysis of the entity's financial performance	Mandatory	Financial resource Management	203
17AF(1)(b)	A table summarising the total resources and total payments of the entity	Mandatory	Financial resource Management	205–206
17AF(2)	Significant changes in the financial results during or after the previous or current reporting period	If applicable, Mandatory	N/A	–
17AD(d)	Management and Accountability			
	Corporate Governance			
17AG(2)(a)	Information on compliance with section 10 (fraud systems)	Mandatory	Corporate governance	158–159
17AG(2)(b)(i)	A certification by accountable authority that fraud risk assessments and fraud control plans have been prepared	Mandatory	Letter of transmittal	1
17AG(2)(b)(ii)	A certification by accountable authority that appropriate mechanisms for preventing, detecting incidents of, investigating or otherwise dealing with, and recording or reporting fraud are in place	Mandatory	Letter of transmittal	1

PGPA Rule Reference	Description	Requirement	Part of Report	Page
17AG(2)(b)(iii)	A certification by accountable authority that all reasonable measures have been taken to deal appropriately with fraud relating to the entity	Mandatory	Letter of transmittal	1
17AG(2)(c)	An outline of structures and processes in place for corporate governance	Mandatory	Corporate governance	146–159
17AG(2)(d) – (e)	A statement of significant issues reported to Minister under paragraph 19(1)(e) of the Act that relates to non compliance with Finance law	If applicable, Mandatory	Financial resource management	204
Audit Committee				
17AG(2A)(a)	Direct electronic address of the audit committee charter	Mandatory	Corporate governance	153
17AG(2A)(b)	The name of each audit committee member	Mandatory	Corporate governance	153–155
17AG(2A)(c)	The qualifications, knowledge, skills or experience of audit committee members	Mandatory	Corporate governance	153–155
17AG(2A)(d)	Information about the attendance of each member of the audit committee at committee meetings	Mandatory	Corporate governance	153–155
17AG(2A)(e)	The remuneration of each member of the audit committee	Mandatory	Corporate governance	153–155
External Scrutiny				
17AG(3)	Information on the most significant developments in external scrutiny and the entity's response to the scrutiny	Mandatory	Corporate governance	159
17AG(3)(a)	Information on judicial decisions and decisions of administrative tribunals and by the Australian Information Commissioner that may have a significant effect on the operations of the entity	If applicable, Mandatory	N/A	–
17AG(3)(b)	Information on any reports on operations of the entity by the Auditor General, a Parliamentary Committee, or the Commonwealth Ombudsman	If applicable, Mandatory	Corporate governance	159
17AG(3)(c)	Information on any capability reviews that were released during the period	If applicable, Mandatory	N/A	–
Management of Human Resources				
17AG(4)(a)	An assessment of the entity's effectiveness in managing and developing employees to achieve entity objectives	Mandatory	People management	180–182

PGPA Rule Reference	Description	Requirement	Part of Report	Page
17AG(4)(aa)	<p>Statistics on the entity's employees on an ongoing and non ongoing basis, including the following:</p> <p>(a) statistics on full time employees (b) statistics on part time employees (c) statistics on gender (d) statistics on staff location</p>	Mandatory	People management	191 –202
17AG(4)(b)	<p>Statistics on the entity's APS employees on an ongoing and non ongoing basis; including the following:</p> <ul style="list-style-type: none"> • Statistics on staffing classification level • Statistics on full time employees • Statistics on part time employees • Statistics on gender • Statistics on staff location • Statistics on employees who identify as Indigenous 	Mandatory	People management	191 –202
17AG(4)(c)	Information on any enterprise agreements, individual flexibility arrangements, Australian workplace agreements, common law contracts and determinations under subsection 24(1) of the <i>Public Service Act 1999</i>	Mandatory	People management	186
17AG(4)(c)(i)	Information on the number of SES and non SES employees covered by agreements etc identified in paragraph 17AG(4)(c)	Mandatory	People management	186
17AG(4)(c)(ii)	The salary ranges available for APS employees by classification level	Mandatory	People management	187
17AG(4)(c)(iii)	A description of non salary benefits provided to employees	Mandatory	People management	186
17AG(4)(d)(i)	Information on the number of employees at each classification level who received performance pay	If applicable, Mandatory	People management	187
17AG(4)(d)(ii)	Information on aggregate amounts of performance pay at each classification level	If applicable, Mandatory	N/A	–
17AG(4)(d)(iii)	Information on the average amount of performance payment, and range of such payments, at each classification level	If applicable, Mandatory	N/A	–
17AG(4)(d)(iv)	Information on aggregate amount of performance payments	If applicable, Mandatory	N/A	–

PGPA Rule Reference	Description	Requirement	Part of Report	Page
Assets Management				
17AG(5)	An assessment of effectiveness of assets management where asset management is a significant part of the entity's activities	If applicable, mandatory	Financial resource management	207
Purchasing				
17AG(6)	An assessment of entity performance against the <i>Commonwealth Procurement Rules</i>	Mandatory	Financial resource management	208
Reportable consultancy contracts				
17AG(7A)(a)	A summary statement detailing the number of new reportable consultancy contracts entered into during the period; the total actual expenditure on all such contracts; the number of ongoing reportable consultancy contracts that were entered into during a previous reporting period; and the total actual expenditure in the reporting period on those ongoing contracts	Mandatory	Financial resource management	209
17AG(7)(b)	Summary statement regarding the engagement of consultants in the format specified at paragraph 17AG (7) (b) of the PGPA Rule	Mandatory	Financial resource management	209
17AG(7)(c)	A summary of the policies and procedures for selecting and engaging consultants and the main categories of purposes for which consultants were selected and engaged	Mandatory	Financial resource management	209
17AG(7)(d)	Statement regarding actual expenditure on contracts for consultancies in the format specified at paragraph 17AG (7) (d) of the PGPA rule	Mandatory	Financial resource management	209
Reportable non-consultancy contracts				
17AG(7A)(a)	A summary statement detailing the number of new reportable non-consultancy contracts entered into during the period; the total actual expenditure on such contracts; the number of ongoing reportable non-consultancy contracts that were entered into during a previous reporting period; and the total actual expenditure in the reporting period on those ongoing contracts	Mandatory	Financial resource management	210

PGPA Rule Reference	Description	Requirement	Part of Report	Page
17AG(7A)(b)	Statement regarding actual expenditure on reportable non-consultancy contracts in the format specified at paragraph 17AG (7A)(b) of the PGPA rule	Mandatory	Financial resource management	210
17AD(daa)	Additional information about organisations receiving amounts under reportable consultancy contracts or reportable non-consultancy contracts			
17AGA	Additional information, in accordance with section 17AGA, about organisations receiving amounts under reportable consultancy contracts or reportable non-consultancy contracts	Mandatory	Financial resource management	209 –210
Australian National Audit Office Access Clauses				
17AG(8)	Contracts with a value of more than \$100,000 (inclusive of GST) that did not provide the Auditor General with access to the contractor's premises	If applicable, Mandatory	Financial resource management	208
Exempt contracts				
17AG(9)	Statement regarding contracts or standing offers with a value greater than \$10,000 (inclusive of GST) that have been exempted from being published in AusTender because it would disclose exempt matters under the FOI Act	If applicable, Mandatory	Financial resource management	208
Small business				
17AG(10)(a)	Summary statement detailing procurement initiatives supporting small business using the text specified at paragraph 17AG (10)(a) of the PGPA Rule	Mandatory	Financial resource management	208
17AG(10)(b)	An outline of the ways in which the procurement practices of the entity support small and medium enterprises	Mandatory	Financial resource management	208
17AG(10)(c)	Summary statement regarding timely payments to small businesses using the text specified at paragraph 17AG (10)(c) of the PGPA Rule	If applicable, Mandatory	Financial resource management	208
Financial Statements				
17AD(e)	Inclusion of the annual financial statements in accordance with subsection 43(4) of the Act	Mandatory	Financial statements	213 –249

PGPA Rule Reference	Description	Requirement	Part of Report	Page
Executive Remuneration				
17AD(da)	Information about executive remuneration in accordance with Subdivision C of Division 3A of Part 2-3 of the Rule	Mandatory	People management	187–190
17AD(f) Other Mandatory Information				
17AH(1)(a)(i)	Statement in relation to advertising campaigns conducted as specified in the PGPA rule	If applicable, Mandatory	N/A	–
17AH(1)(a)(ii)	If the entity did not conduct advertising campaigns, a statement to that effect	If applicable, Mandatory	Financial resource management	211
17AH(1)(b)	Statement on grants awarded for the reporting period, as specified in the PGPA Rule	If applicable, Mandatory	N/A	–
17AH(1)(c)	Mechanisms of disability reporting	Mandatory	Corporate responsibility	171
17AH(1)(d)	Website reference for the entity's Information Publication Scheme statement pursuant to the FOI Act	Mandatory	Corporate governance	158
17AH(1)(e)	Correction of material errors in previous annual report	If applicable, mandatory	Corporate governance	159
17AH(2)	Information required by other legislation:	Mandatory		
	• <i>Freedom of Information Act 1982</i>		Corporate governance	159
	• <i>Environmental Environment Protection and Biodiversity Conservation Act 1999</i>		Corporate responsibility	175–179
	• <i>Work Health and Safety Act 2011</i>		People management	183–185
	• <i>Commonwealth Electoral Act 1918</i>		Financial resource management	211

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