## Annex A

## NATIONAL POWER CORPORATION (NPC) Validated 2021 Performance Scorecard

	C	omponent			Targets	Submis	sion	GCG Valid	lation		
Objectiv	ve/Measure	Formula	Weight	Rating System	2021	Actual	Rating	Actual	Rating	Supporting Documents	Remarks
SO 1	Provided Ade	equate Power	Supply in	Missionary	Areas						
SM 1	Supply	ΣPlant Dependable Capacity	10.00%	Actual over Target	189.274 MW	165.669 MW	8.75%	165.669 MW	8.75%	Report on Small Power Utilities Group Supply (MW) C.Y. 2021  Memorandum dated 29 March 2022 (Justifications Re: CY 2021- 4 <sup>th</sup> Quarter Accomplishment of SPUG)	Details:   Dependable   Capacity (MW)
SO 2	Contributed t	to the Power	Supply in	the Main Gri	ds thru the A	gus-Pulangi P	Plants				
SM 2	Energy Generation	Total Energy Generation	10.00%	Actual over Target	2,013.73 GWh	2,836.14 GWh	10.00%	2,836.14 GWh	10.00%	NPC's CY 2021 Monitoring Report for Performance Targets Mindanao Generations – Energy Generation Summary of Agus-Pulangi HEPP Forced Outage Hour from 1st to 4th Quarters	Details:           HEPP         Total Actual Generation           Agus 1         233.44           Agus 2         450.41           Agus 4         582.16           Agus 5         219.48           Agus 6         516.32           Agus 7         137.18           Pulangi 4         697.16           Total (GWh)         2,836.14
SO 3	Ensured Cus	tomer/ Stake	holder Sat	isfaction							
SM 3	Percentage of Satisfied Customers	Σ No. of Satisfied Respondents + Σ No. of Respondents	5.00%	Actual Over Target (If less than 80% = 0%)	90%	90.16%	5.00%	90.16%	5.00%	National Power Corporation 2021 Customer Satisfaction Survey prepared by People Dynamics, Inc. (PDI)     Ten (10) sample accomplished questionnaires	Overall, NPC was provided with "satisfied" and "very satisfied" ratings by 90.16% (110/122 respondents) of its customers.
		Subtotal	25.00%				23.75%		23.75%		

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	C	omponent			Targets	Submis	sion	GCG Vali	dation				
Objectiv	re/Measure	Formula	Weight	Rating System	2021	Actual	Rating	Actual	Rating	Supporting Documents	Remarks		
SO 4	Provided Eff	icient and Re	liable Powe	er Supply in	Missionary A	reas							
SM 4	Percentage of Unexpected Power Interruption (Forced Outage Rate)	∑(Forced Outage Hours) ÷ ∑(Operating Hours + Forced Outage Hours)	5.00%	Actual Over Target	0.111%	0.016%	5.00%	0.016%	5.00%	Report on Small Power Utilities Group Supply (MW) C.Y. 2021- FOR	SPUG AREA		
SM 5	Plant Operation Efficiency (Net Heat Rate)	[∑ (Diesel Fuel Consumption x Ave Diesel Fuel Heating Value) + ∑ (Bunker Fuel Consumption x Ave Bunker Fuel Heating Value)] + ∑ (Net Generation)	5.00%	Actual Over Target	10,712 BTU/kWh	10,628 BTU/kWh	5.00%	10,628 BTU/kWh	5.00%	• Report on Small Power Utilities Group Supply (MW) C.Y. 2021	Details:    SPUG AREA		

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		C	omponent			Targets	Submis	sion	GCG Valid	dation			
	Objective	e/Measure	Formula	Weight	Rating System	2021	Actual	Rating	Actual	Rating	Supporting Documents	Remarks	
	SO 5	Increased Po	wer Generati	ons in Mis	sionary Area	s Pursuant t	o the Approv	ed Budget					
INTERNAL PROCESS	SM 6a	Completed Transmission Lines	Actual Completed Transmission Lines	5.00%	Actual over Target	71.30 ckt-kms	43.41 ckt-kms	4.55%	43.41 ckt.kms	3.04%	NPC Strategic Initiative Profile I     Project Progress Report (Suspended 1 December 2020)     Implementation Schedule     Notice of Suspension of Work dated 22 December 2020     Request for Approval of Contract Time Suspension dated 14 December 2020     Project Inspection Report dated 15 December 2021	Projects  Roxas-Taytay 69 kV T/L Project, Sch. I- Palawan  Roxas-Taytay 69 kV T/L Project, Sch. I- Palawan  TOTAL	Actual (ckt-kms) 11.83 31.58 43.41 ckt-kms
	SM 6b	Completed Substation Facilities	Actual Completed Substations	5.00%	Actual Over Target	45.00 MVA	25.00 MVA	5.00%	25.00 MVA	2.78%	NPC Strategic Initiative Profile II Certificate of Project Completion for the Transfer of Existing 5MVA from Narra Substation for Expansion of Brooke's Pt. Substation Memorandum dated 8 November 2021 signed by Mr. Conrado G. Sison, Jr. Project Inspection Report dated 15 September 2021	Projects  Transfer of Existing 5MVA from Narra Substation for Expansion of Brooke's Pt. Substation  Transfer of Existing 10MVA Power Transformer including Supply, Erection, Installation Test and Commissioning of New 10 MVA Mogpog Substation  Uprating of Existing Power Transformer from 10 MVA to 20 MVA Mobo Substation  TOTAL	5 S S S S S S S S S S S S S S S S S S S

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	C	omponent			Targets	Submis	sion	GCG Valid	dation		
Objectiv	ve/Measure	Formula	Weight	Rating System	2021	Actual	Rating	Actual	Rating	Supporting Documents	Remarks
PROCESS 00 00 00 00 00 00 00 00 00 00 00 00 0										Certificate of Completion (Provisional Acceptance) dated 28 December 2021 for the Transfer of Existing 10MVA Power Transformer including Supply, Erection, Installation. Test and Commissioning of New 10 MVA Mogpog Substation Memorandum dated 24 November 2021 signed by Mr. Conrado G. Sison, Jr. Project Inspection Report dated 24 November 2021	
SO 6	Contributed t	to Efficient O	peration o	f Generation	Assets in the	Main Grids t	hru the A	gus-Pulangi l	Plants		
INTERNAL MAL	Controlled Unexpected Power Interruption (Forced	Actual Forced Outage Hour	5.00%	All or Nothing	24 hrs.	21.737 hrs.	5.00%	21.737 hrs.	5.00%	Mindanao Generations- Agus Pulangi HEPPs (Forced Outage Hour)     Summary of Agus-Pulangi HEPP Forced Outage Hour	Validated with supporting documents.
	Outage Hour)			10-41	al Diamet On an	-01				from 1 <sup>st</sup> to 4 <sup>th</sup> Quarters	
SO 7	Contributed	to Sustainabl	e Hydro ai	na Geotnerm	al Plant Oper	ations					
SM 8	Percentage of Agus-Pulangi HEPPs Compliance on Ancillary Services (AS) Provision to the Main Grid	Actual Compliance Capacity ÷ Scheduled Capacity	3.00%	Actual Over Target	90%	99.91%	3.00%	98.26%	3.00%	Mindanao Generation Ancillary Services Compliance for 1st to 4th Quarters of CY 2021	Details:    2021

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		C	omponent			Targets	Submis	sion	GCG Valid	lation		
	Objective	e/Measure	Formula	Weight	Rating System	2021	Actual	Rating	Actual	Rating	Supporting Documents	Remarks
	SO 8	Ensured the	Structural and	d Operation	nal Safety o	f Dams to Miti	gate Floodin	g in the D	ownstream C	ommunit	ies	
NTERNAL PROCESS	SM 9	Percentage of Maintenance Requirements of Dams and Other Non- Power Components Completed	Actual No. of maintenanc e activities implemente d + Target no. of maintenanc e activities	5.00%	Actual Over Target	100% [12 planned maintenance activities (8 in Luzon and 4 in MinGen)]	75% [9 planned maintenance activities completed]	3.75%	75.00% 9 out of 12 planned maintenance activities completed	3.75%	Completion Report/ Inspection-Assessment Report per Dam/Non- Power components Inspection Completion Report/ Inspection-Assessment Report Certificate of Acceptance and Completion of Works	NPC completed 9 (6 in Luzon and 3 in Mindanao) out of 12, or 75% of the total planned maintenance activities.  Details as follows:  LUZON (6)  CY 2021 Semi-Annual Inspection/Assessment of the non-power components  Clearing of Caliraya and Lumot dams and dykes  Bathymetric Survey of Lumot Dyke  Reservoir Rim Mapping of Ambuklao and Binga  Updating of San Roque Rim Mapping  Drilling, Rehabilitation, Supply and Installation of Piezometer and Extensonmetr at Caliraya and Lumot Dam/Dyke  MINDANAO (3)  Slope Deformation Monitoring/Measuring System for Agus 4 Hep  Supply and Installation of Online Networking of Dam Instrumentation at Pulangi 4 HEPP  Supply and Installation of Piezometer at Agus 6 HEPP Monitoring of Dam Structure Stability

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	C	omponent			Targets	Submis	ssion	GCG Vali	dation			
Objective	e/Measure	Formula	Weight	Rating System	2021	Actual	Rating	Actual	Rating	Supporting Documents	Rem	arks
SO 9	Consolidation	n of Ownersh	ip of NPC	Assets/Prop	erty Boundar	ies/Tenurial	Rights					
SM 10a	Number of Transferred Certificates of Titles/Decrees and Land Registration Case Decisions under OMA to PSALM, Filed Applications for Tilting/ Issuance of Certificates of Titles/ Decrees of Unregistered/ Untitled Lots	Actual No. of Lots with Transferred Certificates of Titles/Decree s/ LRC Decisions under OMA to PSALM and Lots with Filed Applications for Titling/ Issuance of Certificates of Titles/Decree s under OMA Properties	2.50%	Actual Over Target	35 lots	59 lots	2.50%	59 lots	2.50%	List of OMA and Non-OMA Landholdings with Certificates of Titles/Decrees and Land Registration Case Decisions and Filed Applications (per Quarter) Original Certificates of Title Petitions Deeds of Donation Transfers of Certificate of Title Assessment Form and Payment Orders	OMA Quarter 1st 2nd 3rd 4th TOTAL	No. of Lots 14 14 17 14 59
SM 10b	Number of Filed Applications for Titling or Tenurial Rights/ Issuance of Certificates of Titles of Unregistered/ Untitled Non- OMA Lots, Reconstructed Deeds of Donations	Actual No. of Lots with Filed Applications for Titling or Tenurial Rights/ Issuance of Certificates of Titles, and Reconstructe d/ Secured Deeds of Donations	2.50%	Actual Over Target	10 lots	11 lots	2.50%	11 lots	2.50%	Official Receipts  Photocopies of Certificates of Titles/Decrees and Land Registration Case Decisions and Acknowledgement Receipts from PSALM  Tax Declarations of Real Property  Deed of Absolute Sale of a Portion of Registered Property	Details:  Non-Ol Quarter  1st 2nd 3rd 4th TOTAL	MA Lots  No. of Lots  8  2  0  1
		Subtotal	40.00%				36.30%		32.57%			

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	Component					Targets	Submis	sion	GCG Valid	dation			
Obje	ective	e/Measure	Formula	Weight	Rating System	2021	Actual	Rating	Actual	Rating	Supporting Documents	Remarks	
so	10	Exercised Fis	cal Prudence	e to Optimi	ze Use of R	esources							
FINANCE	11a	Fixed Cost Efficiency Ratio in the Missionary Areas	Σ[PS + MOOE] + Σ(Energy Sales)	5.00%	Actual Over Target	7.49 P/kWh	6.42 ₽/kWh	5.00%	6,42 ₽/kWh	5.00%	NPC Memorandum, re: Fixed Cost, OMA Budget Utilization and EBITDAS Margin for 4th Quarter CY 2021 dated 10 February 2021  Annex A: Summary Computation on Fixed Cost Efficiency in the Missionary Areas  Other Operating Expenses (CY 2021 Actual vs Budget)  SPUG Energy Sales Mix, MWh and % (January to December 2021 and 2020)	Details:  (In Million Pesos)  Fixed Cost (A)  PS  MOOE  Energy Sales (B)  Efficiency Ratio (A/B)	Actual 2,874.22 943.05 1,931.17 447.385 6.42
SM	11b	Fixed Cost Efficiency Ratio in the Main Grids Hydro Plants (Agus- Pulangi)	∑ [PS + MOOE] ÷ ∑ (Energy Sales)	5.00%	Actual Over Target	0.58P/kWh	0.29 <del>P</del> /kWh	5.00%	0.29 <del>P</del> /kWh	5.00%	NPC Memorandum, re: Fixed Cost, OMA Budget Utilization and EBITDAS Margin for 4 <sup>th</sup> Quarter CY 2021 dated 10 February 2021 Annex B: Summary Computation on Fixed Cost Efficiency in the Main Grid Agus/Pulangi Annex B-1/C-2: Production Cost for the period ending 31 Dec 2021	Details:  (In Million Pesos)  Fixed Cost (A)  PS  MOOE  Energy Sales (B)  Efficiency Ratio (A/B)	Actual 780.44 452.16 328.28 2,692.20 0.29

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	C	omponent			Targets	Submis	sion	GCG Valid	dation			
Objectiv	e/Measure	Formula	Weight	Rating System	2021	Actual	Rating	Actual	Rating	Supporting Documents	Remarks	
SM 12	OMA Budget Utilization Efficiency Ratio	Σ (Miscellaneo us OMA Budget) ÷ Σ (Energy Sales)	5.00%	Actual Over Target	0.14 P/kWh	0.08 P/kWh	5.00%	0.08 P/kWh	5.00%	NPC Memorandum, re: Fixed Cost, OMA Budget Utilization and EBITDAS Margin for 4th Quarter CY 2021 dated 10 February 2021  Annex C: Summary Computation on OMA Budget Utilization Efficiency  Annex C-1: Budget Utilization Report – OMA Support as of 31 Dec 2021	Details: (In Million Pesos)  OMA Budget Utilization (A)  PS  MOOE  Energy Sales (B)  Efficiency Ratio (A/B)	Actual 204.15 130.11 74.04 2,692.20 0.08
SO 11	Ensured Ade	equate Fund S	Sources fo	r Sustainabi	lity and Impro	ve Corporate	Liquidity					
SM 13	Improved Collection Efficiency	Total Collections ÷ Total Accounts Receivable	5.00%	Actual Over Target	52.42%	53.39%	5.00%	53.39%	5.00%	CY 2021 Monitoring Report For Performance Targets as of 31 December 2021  Collection Efficiency for Power Receivables as of 31 December 2021  Power Receivables and Collection Efficiency as of 31 December 2021  List of Customers with Restructured Accounts/ Special Payment Scheme as of 31 December 2021  List of Customers with Prompt Payment Discount for the month of December 2021	Receivable (A)	Actual 3,389,066,204.35 1,809,520,336.53 53.39%

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		(	Component			Targets	Submis	sion	GCG Valid	dation			
	Objective	e/Measure	Formula	Weight	Rating System	2021	Actual	Rating	Actual	Rating	Supporting Documents	Remarks	
												Detailed computation is as follow	
												(In Million Pesos)	COA Actual
											NPC Memorandum, re:	Net Utility Revenue (NUR)	18,377.60
											Fixed Cost, OMA Budget	Less: Operating Expenses	(9,816.00) 8,561.60
											Utilization and EBITDAS	Net Operating Income/Loss	(2.01)
											Margin for 4th Quarter CY	Less: Interest Expenses	8,559.59
											2021 dated 10 February	NOI after Finance Charges	8,559.59
											2021	Add: Interest Income / Other Income	2,162.77
											CY 2021 EBITDAS Margin	Less: Other Expenses	(9,333.52)
		EBITDAS	EBITDAS ÷		Actual						with UCME	Net Income Before Income Tax and NG Subsidy	1,388.84
FINANCE	SM 14	Margin with	(Total	5.00%	Over	9.50%	10.13%	5.00%	16.17%	5.00%	<ul> <li>SPUG/ Watershed Net</li> </ul>	Less: Income Tax	(384.78)
A	•	UCME	Revenue/		Target						Utility Revenue	Net Income Before NG Subsidy	1,004.06
Z			Income)								<ul> <li>As of 4<sup>th</sup> Qtr CY 2021</li> </ul>	Add: NG Subsidy	1,210.29
ш.											Interest Income/Other Income 9SPUG Portion)	Net Income After NG Subsidy and Income Tax	2,214.35
											Detailed Other Operating	Add/(Deduct): Interest Expense, Taxes, Dep'n/ (NG Subsidy)	1,107.34
											Expense (OOPEX) –	EBITDAS	3,321.69
											Missionary Areas  • 2021 COA Audited FS	Total Revenue (NUR) & Interest Income/Other Income	20,540.37
											2021 00% Addited 10	EBITDAS MARGIN (EBITDAS over Total Revenue & Int. Income/Other Income)	16.17%
			Subtotal	25.00%				25.00%		25.00%			
Ŧ	SO 12	Ensured Emp	loyee Producti	vity and Co	mpetency								
LEARNING AND GROWTH		Compliance	Actual		All or	Maintain	Maintained	5.000	Maintained		TUV Rheinland 2 <sup>nd</sup> Follow- up Audit Report issued on 21 March 2021	NPC successfully passed the (Remote) Audit conducted	by the TUV
LEARNING	SM 15	with Quality Standards	Accomplishme nt	5.00%	Nothing	Certification	Certification	5.00%	Certification	5.00%	ISO Certificate No. 011001835820 dated 21 March 2021 with Annexes	Rheinland on 10-12 March 2021 to the maintenance of NPC's Certification.	

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	Component					Submis	sion	GCG Valid	dation			
Objecti	ve/Measure	Formula	Weight	Rating System	2021	Actual	Rating	Actual	Rating	Supporting Documents	Remarks	
SM 16	Percentage of Employees with Required Competencies Met	No. of Employees with Required Competenci es met over Total Employees	5.00%	Actual Over Target	8% increase from the 2020 Competency Level	9.98% increase	5.00%	7.57% increase from 2020 Competency Level	4.73%	2021 NPC Employee Competency Report     Report on Separation CY 2021     SMV of Plantilla and Non- Plantilla Personnel as of December 31, 2021	For 2021, 144 additional employees met the required competencies for their positions. With forty-three (43) separated (previously classified as competent), the total competent NPC employees as of 2021 is 1,021.  Thus, the validated competency level in 2021 is 57.46% (1,021 out of 1,777). This translates to 7.57% increase from the 2020 competency level of 49.89% (920 out of 1,844).	
SM 17	Operation of Human Resource Information System (HRIS)	Number of Employees On-Boarded over Total Number of Employees	2.00%	All or Nothing	100%	37.31%	0.00%	37.31%	0.00%	Human Resource Information System User Log in Report as of 31 December 2021	As validated, a total of 713 out of 1,911 (or 37.31%) employees on-boarded into the HRIS.	
		Subtotal	12.00%				10%		9.73%			
		TOTAL	100.00%				95.05%		91.05%			