## NATIONAL POWER CORPORATION (NPC) Revalidated 2018 Performance Scorecard

	Component			Rating	Target	GOCC Submission		GCG V	alidation	0	Remarks			
	Objective/Measure	Formula	Wt.	System	2018	Actual	Rating	Actual	Rating	Supporting Documents	neiliaiks			
SO 1	Provided Adequate F	Power Supply in M	issionary A	reas										
SM1	Supply	∑Plant Dependable Capacity	10.00%	Actual over Target	186.486 MW	158.838 MW	8.52%	158.838 MW	8.52%	Revised Performance     Evaluation System     (PES) Quarterly and     Yearly Report for CY     2018, dated 5 March     2019, signed by Atty.     R.T. Teves with     attached Summary of     2018 Dependable     Capacity, EAF, FOR     and NHR per SPUG      Onsite validation of NPC     database/ system of     Monthly Operations     Report	Breakdown of d Missionary Areas i SPUG Area Luzon Visayas Mindanao Total	ependable capacity in the s as follows:  Dependable Capacity  89.142  17.534  52.162  158.838		
SO 2	Contributed to the Pe	Contributed to the Power Supply in the Main Grids thru the Agus-Pulangi Plants												
SO 2										NPC CY 2018     Monitoring Report for	as follows:	ı per Agus-Pulangi HEPPs is		
										MinGen Performance	HEPP	Total Actual Generation		
				Antonia				0,0		Targets reviewed by MinGen Vice President	Agus 1	324.75		
SM2	Energy Generation	Total Energy	10.00%	Actual over	2,711.72	2,898.84	10.00%	2,898.84	10.00%	Veloso with attached	Agus 2	556.86		
CIVIZ	Lifergy Generation	Generation	10.0076	Target	GWh	GWh	10.0076	GWh	10.0076	Summary of 2018 EAF,	Agus 4	602.24		
								X * 1		and FOH per HEPPs	Agus 5	242.88		
									71	Onsite validation of NPC	Agus 6	435.86		
										MinGen Monthly	Agus 7	171.39		
										Operations Report	Pulangi 4	564.87		
											Total	2,898.84		
				N2 N3										
100000000000000000000000000000000000000								8						

		Compone	nt		Rating	Target	GOCC SI	ıbmission	GCG Va	alidation					
	O	Objective/Measure	Formula	Wt.	System	2018	Actual	Rating	Actual	Rating	Supporting Documents	Remarks			
ERS	SO 3	Ensured Customer/St	akeholder Satisfa	ction											
CUSTOMERS/STAKEHOLDERS	SM3	Customer/ Stakeholder Satisfaction Rating	∑Participants' Ratings ÷ No. of Participants	5.00%	(Actual/ Target) If less than 80% = 0%	90% (Using the Standard Methodology and Questionnaire developed by GCG)	86.51%	4.81%	86.51%	4.81%	Customer Satisfaction     Survey Report prepared     by the Associated     Resources for     Management and     Development, Inc.     (ARMDEV)	Based on the provided with ratings by 86.9	"satisfied"	and "v	ery satisfied"
CUST			Subtotal	25.00%				23.32%		23.33%		,			
	SO 4	Provided Efficient and	Reliable Power	Supply in M	issionary A	reas									
INTERNAL PROCESS	SM4				All or Nothing	73.13%	73.146%	4.00%	73.15% 4.00%	Revised Performance Evaluation System (PES) Quarterly and Yearly Report for CY 2018, dated 5 March 2019, signed by Atty. R.T. Teves with	Below is the s	ummary of EAF	SPUG op FOR (%)	perations:  NHR (BTU / kWh)	
RNA			Shutdown Hours)]					1			attached Summary of 2018 Dependable	Luzon Visayas	73.164 72.773	0.023	10,717 11,606
											Capacity, EAF, FOR	Mindanao	73.234	0.003	10,330
4	SM5	Percentage of Unexpected Power Interruption (Forced Outage Rate)	∑(Forced Outage Hours)  ÷ ∑(Operating Hours + Forced Outage Hours)	4.00%	Actual over Target	0.111%	0.016%	4.00%	0.016%	4.00%	and NHR per SPUG     Onsite validation of NPC database/ system of Monthly Operations Report		73.146	0.016	10,622

	Component					Target GOCC Submissi		ubmission	GCG Va	alidation	Supporting Documents	Remarks			
	0	bjective/Measure	Formula	Wt.	Rating System	2018	Actual	Rating	Actual	Rating	Supporting Documents	nemarks			
	SM6	Plant Operation Efficiency (Net Heat Rate)						3.997%	10,622.0 0BTU/k Wh	4.00%		Rounded-off.			
	SO 5	Increased Power Generation in Missionary Areas Pursuant to the Approved Budget													
INTERNAL PROCESS	SM 7a	Completed Transmission Lines	Actual Completed Transmission Lines	2.50%	Actual over Target	296.35 ckt-kms	46.79 ckt-kms	0.39%	46.79 ckt-kms	0.39%	Certificate of Final Completion (Provisional Acceptance) issued to S.L. Development Construction Corporation (SLDCC) dated 4 May 2018  Certificate of Turn-over of the Rehabilitation of Calapan-Puerto Galera 69 KV T/L Project	Validated with internal documents.			
INT	SM 7b	Completed Substation Facilities	Actual Completed Substations (in MVA)	2.50%	Actual over Target	25 MVA	5 MVA	0.50%	0.00	0.00%	Certificate of Project Completion (Provisional Acceptance) issued to S.L. Development Construction Corporation (SLDCC) dated 8 February 2019 Project status as of 31 December 2018	The supply, delivery, construction/installation, test and commissioning of 5 MVA Codon Loadend S/S Project was completed on 24 January 2019.			

	Compone	nt		Rating	Target			GCG Va	alidation	Supporting Decuments	Remarks		
0	bjective/Measure	Formula	Wt.	System	2018			Actual Rating		Supporting Documents	nelliarks		
SO 6	Contributed to Efficien	nt Operation of G	eneration A	Assets in the	Main Grids								
										• NPC CY 2018	Breakdown is as follows:		
	Maintained	∑(Available								Monitoring Report for	HEPP	Availability Factor	
6	Percentage of	e of Hours) ÷		Actual						MinGen Performance	Agus 1 and 2	90	
SM8	Readiness of Existing Plants (Availability Factor)		4.00%	over	84.75%	86.22%	4.00%	86.22%	4.00%	Targets reviewed by	Agus 4 and 5	87	
				Target						MinGen Vice President	Agus 6 and 7	77	
	racior)		la i							Veloso with attached	Pulangi 4	88	
					=			1		Summary of 2018 EAF, and FOH per HEPPs	Availability Factor	86	
SM9	Controlled Unexpected Power Interruption (Forced Outage Hour)	Actual Forced Outage Hour	4.00%	All or Nothing	24 hours	7.374 hrs	4.00%	7.374 hrs	4.00%	Onsite validation of NPC MinGen Monthly Operations Report	Validated with internal documents.		
SO 7	Contributed to Sustain	Contributed to Sustainable Hydro and Geothermal Plant Operations											
SM 10	Hectares of Open Areas Reforested	Actual Areas Reforested	5.00%	All or Nothing	8,393.48 has. (995 has. reforested for 2018)	8,433.48 has. (1,035 has. reforested for 2018)	5.00%	8,433.48 has. (1,035 has. reforested for 2018)	5.00%	<ul> <li>2018 Rehabilitation         Accomplishments as of         31 December 2018         prepared by the         Watershed         Management         Department</li> <li>Certifications from         LGUs.</li> </ul>	Breakdown of the areas re  Watershed Area  Upper Agno San Roque Magat Lake Lanao – Agus River Tiwi Pulangi Angat TOTAL	Total (Has.)  265  10  300  140  10  260  50  1,035	
SO 8	Ensured the Structura	al and Operationa	I Safety of	Dams to Mit	igate Flood	ing in the D	ownstream	Communit	ies				
SM 11	Maintenance Requirements of Dams and Other Non-	Actual No. of Maintained Activities Implemented Target No. of	5.00%	Actual Over Target	50%	83% (19 of 23 maintenance activities	5.00%	83% (19 of 23 maintenance activities	5.00%	<ul> <li>Certificates of Final Completion of Works (Provisional Acceptance)</li> <li>On-site visit in Agus 6</li> </ul>	Validated with internal doc	uments.	

		Compone	nt		Rating	Target	GOCC S	ubmission	GCG Va	alidation		
	0	bjective/Measure	Formula	Wt.	System	System 2018		Rating	Actual	Rating	Supporting Documents	Remarks
	SO 9	Transferred Certificate and Reconstructured	es of Titles/Decre Deeds of Donatio	es/LRC Dec	cisions unde OMA lots	er OMA to P	SALM and	Filed Applic	cations/Sec	cured Certif	icate of Titles of Unregistere	ed/Untitled Lots for Both OMA and Non-OMA
CESS	SM 12a	Number of Transferred Certificates of Titles/Decrees and Land Registration Case Decisions under OMA to PSALM, Filed Applications for Titling/ Issuance of Certificates of Titles/ Decrees of Unregistered/ Untitled Lots, and Surveyed Lots for OMA Properties	Actual No. of Lots with Transferred Certificates of for Titles/Decrees/ LRC Decisions under OMA to PSALM	2.50%	All or Nothing	35 lots	52	2.50%	52	2.50%	Photocopies of     Certificates of     Titles/Decrees and     Land Registration Case     Decisions and     Acknowledgement     Receipts from PSALM	
INTERNAL PROCESS	SM 12b	Number of Filed Applications for Titling or Tenurial Rights/ Issuance of Certificates of Titles/ Unregistered/ Untitled Non-OMA Lots, Reconstructured Deeds of Donation and Surveyed Lots for Non- OMA Properties	Actual No. of Lots with Filed Applications for Titling or Tenurial Rights/Issuanc e of Certificates of Titles, Reconstructur ed Deeds of Donations and Lots Surveyed under Non- OMA Properties	2.50%	Actual over Target	25 lots	57	2.50%	57	2.50%	<ul> <li>Filed Applications</li> <li>Original Certificates of Title</li> <li>Transfer Certificates of Title</li> <li>Deeds of Donations</li> </ul>	Validated with internal documents.
			40.00%				35.89%		35.39%			

		Compone	nt		Rating	Target	GOCC SI	ubmission	GCG V	alidation	Comments Boundaries	
	C	Objective/Measure	Formula	Wt.	System	2018	Actual	Rating	Actual	Rating	Supporting Documents	Remarks
	SO 10	Exercised Fiscal Prud	ence to Optimize	Use of Res	ources					0.000 (0.0		
	SM 13a	Fixed Cost Efficiency Ratio in the Missionary Areas	∑[PS + MOOE] ÷ ∑(Energy Sales)	5.00%	Actual over Target	4.73 ₽/kWh	5.40 ₽/kWh	4.29%	5.40 ₽/kWh	4.29%	<ul> <li>Summary Computation on Fixed Cost Efficiency Ratio</li> <li>Detailed Fixed Cost for Missionary Areas</li> <li>Other Operating Expenses per Account</li> </ul>	NPC failed to maintain its fixed cost efficiency ratio to 4.73 P/kWh.  Detailed Computation:  (In Million Pesos)  Fixed Cost (A)  Personal Services  MOOE  MOOE  Gross Generation (B)  Efficiency Ratio (A/B)  5.40
FINANCE	SM 13b	Fixed Cost Efficiency Ratio in the Main Grids (Agus-Pulangi)	∑[PS + MOOE] ÷ ∑(Energy Sales)	5.00%	Actual over Target	0.26 ₽/kWh	0.27 ₽/kWh	4.81%	0.27 ₽/kWh	4.81%	Summary Computation on Fixed Cost Efficiency Ratio     Production Cost for the period ending 31 Dec 2018	Detailed Computation:  (In Million Pesos)  Fixed Cost (A)  Personal Services  MOOE  State (B)  Energy Sales (B)  Efficiency Ratio (A/B)  Detailed Computation:  406.66  406.66  2,744.16  2,744.16
	SM 14	OMA Budget Utilization Efficiency Ratio	∑(Miscellaneo us OMA Budget) ÷ ∑(Energy Sales)	5.00%	Actual over Target	0.06 <del>P</del> /kWh	0.06 ₽/kWh	5.00%	0.06 ₽/kWh	5.00%	Summary Computation on OMA Budget Utilization Efficiency Ratio     Budget Utilization Report as of 31 December 2017      Production Cost for the period ending 31 Dec 2018	Detailed Computation:  (In Million Pesos)  OMA Budget Utilization (A)  Personal Services 92.52  MOOE 81.13  Energy Sales (B) 2,744.16  Efficiency Ratio (A/B) 0.06

		Compone	nt		Rating	Target	GOCC SI	ubmission	GCG V	alidation	Commention Description	Damayla
	C	Objective/Measure	Formula	Wt.	Wt. System		Actual	Rating	Actual	Rating	Supporting Documents	Remarks
	SO 11	Ensured Adequate Fu	nd Sources for S	ustainabilit	y and Impro	ve Corpora	te Liquidity					
FINANCE	SM 15	Improve Collection Efficiency	Total Collections ÷ Total Accounts Receivable	5.00%	Actual over Target	53.92%	53.03%	4.92%	53.03%	4.92%	NPC SPUG Report on Power Receivables and Efficiency as of 31 December 2018     Statement of Accounts as of 31 December 2018	Detailed Computation:  (In Billion Pesos) Total Collections 1,715.55 Total Accounts Receivable 3,234.77 Efficiency Ratio (A/B) 53.03%  Failure to achieve the target is due to the following:  a) Continued deterioration of BASULTA power accounts;  b) Poor payment performance by residential/household customers especially in Masbate PRES, Catbalogan and Sto. Nino mini grid areas; and  c) Unrealized targets on the restructuring of overdue accounts of BASULTA and Siasi Electric Cooperative (SIASELCO).
	SM 16	EBITDAS Margin with UCME	EBITDAS ÷ (Total Revenue/Income)	5.00%	Actual over Target	15.52%	14.64%	4.72%	14.64%	4.72%	FY 2018 EBITDAS     Margin with UC-ME      General Ledger for     Revenue and Expense     Accounts	Validated with internal documents.
			Subtotal	25.00%				23.74%		23.74%		

N P C | 8 of 8
Revalidated 2018 Performance Scorecard

	Component					Target	get GOCC Submission		GCG Va	alidation	Commention Decomments	Damarka	
	O	bjective/Measure	Formula	Wt.	System	2018 Actual		Rating	Actual	Rating	Supporting Documents	Remarks	
	SO 12	Ensured Employee Pr	oductivity and Co	mpetency									
& GROWTH	SM 17	Compliance with Quality Standards	ISO 9001 Certificate awarded	5.00%	All or Nothing	ISO 9001:2015 Certified	ISO 9001:2015 Certified	5.00%	ISO 9001:2015 Certified	5.00%	ISO Certificates issued by AJA Registrars and SOCOTEC Certification International	<ul> <li>Certificate issued by SOCOTEC dated 05         April 2018 covering Missionary         Electrification, Operation and Maintenance         of Undisposed Assets, and Watershed and         Dams Management.</li> <li>Certificate issued by AJA Registrars dated         09 December 2018 for the NPC SPUG         Mindanao Operations Department.</li> </ul>	
LEARNING & GROWTH	SM 18	Percentage of Employees with Required Competencies Met	ISO 9001- 2008 Certificate awarded	5.00%	Actual over Target	8% increase from Baseline Competency		4.87%	7.97% increase	4.98%	Report entitled "List of Employees Meeting all the Required Competencies of their Positions" for 2018 Competency Reassessment Sheets of NPC personnel	GCG validated that there were 146 additional NPC employees who met the required competencies of their positions, equivalent to a 7.97% increase from the 2017 competency level of 22.89% (421 out of 1,832 employees).	
		1	Subtotal	5.00%				9.87%		9.98%			
			100.00%				92.82%		92.44%				