NATIONAL POWER CORPORATION (NPC) 2017 Validated Performance Scorecard

	Com	nponent		Rating	Target	GOCC Sul	mission	GCG Val	lidation	Supporting Documents		Remarks
Obje	ctive/Measure	Formula	Wt.	System	2017	Actual	Rating	Actual	Rating	Supporting Desaments		
SO 1	Provided Adeq	uate Power Supply in N	lissionary A	Areas								
										NPC CY 2017 Monitoring Report for SPUG Performance Targets approved by	Below is the summa supply) in the Missi	ary of Dependable Capacity (powe ionary areas:
	A A									SPUG Vice President	SPUG Area	Dependable Capacity
										Edmund A. Veloso, Jr.	Luzon	87.242
		∑Plant Dependable	40.000/	Actual	201.532	162.093	8.04%	162.094	8.04%	with attached Summary	Visayas	15.721
SM 1	Supply	Capacity	10.00%	over Target	MW	162.093	0.04%	102.094	0.04 /0	of 2017 Dependable Capacity, EAF, FOR	Mindanao	59.131
			V. 1	raiget						and NHR per SPUG	Total	162.094
										Onsite validation of NPC database/ system of Monthly Operations	submission of Mor	acity was validated through the onthly Operation Reports of Diese on NPC database system.
50.2	Contributed to	the Power Supply in th	ne Main Grid	s						Report		
SO 2	Contributed to	the Power Supply in th	ne Main Grid	is						Report	Energy Generation as follows:	on per Agus-Pulangi HEPPs is
SO 2	Contributed to	the Power Supply in th	ne Main Grid	ls							as follows:	
SO 2	Contributed to	the Power Supply in th	ne Main Grid	ls						NPC CY 2017 Monitoring Report for	as follows:	Total Actual Generation
SO 2	Contributed to	the Power Supply in th	ne Main Grid							NPC CY 2017 Monitoring Report for MinGen Performance	as follows: HEPP Agus 1	Total Actual Generation 276.05
	Energy	Total Energy	ne Main Grid	Actual over	3,324.03	3,345.43 CWb	10.00%	3,345.43 GWb	10.00%	NPC CY 2017 Monitoring Report for MinGen Performance Targets reviewed by	as follows: HEPP Agus 1 Agus 2	Total Actual Generation
SO 2				Actual	3,324.03 GWh	3,345.43 GWh	10.00%	3,345.43 GWh	10.00%	NPC CY 2017 Monitoring Report for MinGen Performance Targets reviewed by MinGen Vice President	as follows: HEPP Agus 1 Agus 2 Agus 4	Total Actual Generation 276.05 664.08
	Energy	Total Energy		Actual over			10.00%		10.00%	NPC CY 2017 Monitoring Report for MinGen Performance Targets reviewed by MinGen Vice President Corpuz with attached Summary of 2017 EAF,	as follows: HEPP Agus 1 Agus 2 Agus 4 Agus 5	Total Actual Generation 276.05 664.08 661.19
	Energy	Total Energy		Actual over			10.00%		10.00%	NPC CY 2017 Monitoring Report for MinGen Performance Targets reviewed by MinGen Vice President Corpuz with attached	as follows: HEPP Agus 1 Agus 2 Agus 4	Total Actual Generation 276.05 664.08 661.19 305.46
	Energy	Total Energy		Actual over			10.00%		10.00%	NPC CY 2017 Monitoring Report for MinGen Performance Targets reviewed by MinGen Vice President Corpuz with attached Summary of 2017 EAF,	as follows: HEPP Agus 1 Agus 2 Agus 4 Agus 5 Agus 6	Total Actual Generation 276.05 664.08 661.19 305.46 489.07

	Comp	ponent		Rating	Target	GOCC Sul	omission	GCG Va	lidation	Supporting Documents		Rema	rke	
Obje	ctive/Measure	Formula	Wt.	System	2017	Actual	Rating	Actual	Rating	Supporting Documents		Rema	IKS	
SO 3	Ensured Custon	ner/Stakeholder Satisf	action											
SM3	Customer/ Stakeholder Satisfaction Rating	∑Participants' Ratings ÷ No. of Participants	2.50%	All or Nothing	3.870	4.38	0.00	4.38	2.50%	Customer Satisfaction Survey Report prepared by Kantar Philippines, Inc. (KPI)	Based on the s satisfaction ra stakeholders.			
		Subtotal	22.50%				18.04%		20.54%					
SO 4	Provided Efficie	ent and Reliable Power	Supply in	Missionary /	Areas									
										NPC CY 2017 Monitoring Report for	Below is the su			
	Percentage of	∑[Dependable Cap x (Period Hours -								SPUG Performance Targets approved by		EAF (%)	FOR (%)	NHR (BTU / kWh
014.4	Readiness of Existing Plants	Outage Hours)] ÷	5.00%	Actual over	72.503%	74.034%	5.00%	74.034%	5.00%	SPUG Vice President	Luzon	75.588	0.068	10,57
SM 4	(Equivalent	∑[Rated Cap x (Period Hours -	5.00%	Target	72.50576	74.00470	0.0070	7 1.00 170	0.0070	Edmund A. Veloso, Jr. with attached Summary	Visayas	70.014	0.246	11,71
	Availability Factor)	Deactivated								of 2017 Dependable	Mindanao	72.597	0.007	10,37
	1 actor)	Shutdown Hours)]								Capacity, EAF, FOR and NHR per SPUG		74.034	0.063	10,56

		Com	ponent		Rating	Target	GOCC Sul	omission	GCG Va	lidation	Supporting Documents		Remar	ks	
	Objec	ctive/Measure	Formula	Wt.	System	2017	Actual	Rating	Actual	Rating	Cupperang Decaments				
	SM 5	Percentage of Unexpected Power Interruption (Forced Outage Rate)	∑(Forced Outage Hours) ÷ ∑(Operating Hours + Forced Outage Hours)	5.00%	Actual over Target	0.128%	.063%	5.00%	.063%	5.00%	Onsite validation of NPC database/ system of Monthly Operations	Luzon Visayas	EAF (%) 75.588 70.014	FOR (%) 0.068 0.246	NHR (BTU / kWh) 10,571 11,714
INTERNAL PROCESS	SM 6	Plant Operation Efficiency (Net Heat Rate)	[Σ(Diesel Fuel Consumption x Ave Diesel Fuel Heating Value) + Σ(Bunker Fuel Consumption x Ave Bunker Fuel Heating Value)] ÷ Σ(Net Generation)	5.00%	All or Nothing	10,578 BTU/kWh	10,561 BTU/kWh	5.00%	10,561 BTU/kWh	5.00%	Report	Mindanao	72.597 74.034	0.007 0.063	10,370 10,561
INTE	SO 5	Increased Pow	er Generation in Missic	nary Areas	Pursuant to	o the Appro	ved Budget								
	SM 7a	Completed Transmission Lines	Actual Completed Transmission Lines	2.50%	Actual over Target	48.32 ckt-kms	22.55 ckt-kms	1.17%	22.55 ckt-kms	1.17%	Certificate of Final Completion (Provisional Acceptance) issued to S.L. Development Construction Corporation (SLDCC) dated 8 Nov 2017, Progress Reports (as of 31 Dec 2017) for the ff.: Rehabilitation of Calapan-Bansud 69 kV t/L Project (Sched 1), and Supply & Erection/Installation of Bansud-Mansalay 69 kV T/L	Validated with	supporting	docume	nts.

	Com	ponent		Rating	Target	GOCC Su	bmission	GCG Va	lidation	Supporting Documents	Pom	narks
Obj	ective/Measure	Formula	Wt.	System	2017	Actual	Rating	Actual	Rating	Supporting Documents	Keii	idiks
SM 7b	Completed Substation Facilities	Actual Completed Substations (in MVA)	2.50%	Actual over Target	10 MVA	10 MVA	2.50%	10 MVA	2.50%	Supply, Delivery, Construction/ Installation, Test and Commissioning of 69 kV Virac (Marinawa) Substation Project Progress Report (as of 31 Dec 2017)		nonial energization of the arinawa was held on 21
SO 6	Contributed to	Efficient Operation of 0	Generation	Assets in the	e Main Grid	8						
										NPC CY 2017 Manifesting Banest for	Breakdown of the Ava Pulangi HEPPs is as fo	ilability Factor for Agus- llows:
	Maintain Percentage of									Monitoring Report for MinGen Performance	HEPP	Availability Factor
SM 8	Deadiness of	∑(Available Hours) ÷	5.00%	All or	83.67%	90.52%	5.00%	90.17%	5.00%	Targets reviewed by	Agus 1 and 2	91.71
SIVI 8	Existing Plants	∑(Period Hours)	3.0076	Nothing	00.0770	30.0270	0.0070	00.1170	0.0070	MinGen Vice President Corpuz with attached	Agus 4 and 5	94.19
	(Availability Factor)									Summary of 2017 EAF,	Agus 6 and 7	85.31
	1 dotor)									and FOH per HEPPs	Pulangi 4	89.11
											Availability Factor	90.17
SMS	Controlled Unexpected Power Interruption (Forced Outage Hour)	Actual Forced Outage Hour considering the graduated scale below: From To Score 0.00 24.00 100% 24.01 35.00 96% 35.01 47.99 92% 48.00 59.99 88% 60.00 71.99 84% 72.00 83.99 80% 84.00 And 0%	5.00%	Graduated Scale	24 hours	23.85	5.00%	23.85	5.00%	NPC CY 2017 Monitoring Report for MinGen Performance Targets reviewed by MinGen Vice President Corpuz with attached Summary of 2017 EAF and FOH per HEPPs	Validated with internal o	documents.

		Compo	onent		Rating	Target	GOCC Sul	omission	GCG Val	lidation	Supporting Documents	Re	marks
Ol	bjectiv	ve/Measure	Formula	Wt.	System	2017	Actual	Rating	Actual	Rating	Supporting Decaments		
so	7 C	Contributed to Su	ıstainable Hydro an	d Geotherma	l Plant Ope	rations							
												Breakdown of the area	as reforested is as follows
												Watershed Area	Total (Has.)
											2017 Rehabilitation Accomplishments as of	Upper Agno	270
									7,398.48		31 December 2017	San Roque	230
		1000			A -41		1,503		has.		prepared by the	Magat	90
SN	VI I	Hectares of Open Areas	Actual Areas	5.00%	Actual over	7,268.48	(2017	5.00%	(accumu	5.00%	Watershed Management	Caliraya	40
10		Reforested	Reforested	0.0070	Target	has.	accompli		lated		Department	Makban	87
							shment)	5	accompli shment)		Certifications from LGUs.	Tiwi	111
									,			Buhi	475
3												Pulangi	100
												Lake Lanao	100
2												TOTAL	1,503
so	8 E	Ensured the Inte	grity and Safety of I	Dams									
SN 1	M D	Number of Dam Integrity Inspections	Actual Dams Inspections	5.00%	Actual Over Target	32	24	3.75%	30	5.00%	Hydroelectric Power Plant 1st and 2nd Semester Inspection/Assessment Reports Reports on the Inspection/ Assessment of Dams and other Non-Power Components prepared by NPC and PSALM for the following: Agusan, Ambuklao, Amlan, Angat, Binga and Talomo	target composed of 2 and 8 PSALM-initiated Based on evaluation, 2017 should be 33 twenty-four (24) mand (9) actual PSALM-initi	the final target for NPC inspections consisting of atory inspections and ninated inspections. In 21 out of 24 mandator

	Component	Rating	Target	GOCC Su	ıbmission	GCG Va	alidation	Supporting Documents		Rema	arke	
	Objective/Measure Formula	System	2017	Actual	Rating	Actual	Rating	Supporting Documents		Rema	IIKS	
									Dams	1st Sem Inspections	2 nd Sem Inspections	Total No. of Inspection
									Caliraya- Lumot Dam & Dykes	Mar 20-24	Sept 4-8	2
									Angat Dam & Dykes	Apr 10-11	Nov 28-29	2
									Binga Dam	May 24	Oct 24	2
									Ambuklao Dam	May 23	Oct 25	2
No.				30 - 30					San Roque Dam	Jun 20-23	Dec 4-8	2
									Agus 1 HEP	Not complied Marawi Siege))	0
									Agus 2 HEP	Not complied (affected by Marawi Siege)	Oct 3-6	1
									Agus 4 HEP	Apr 4-28	Nov 20-21/ Dec 11-12	2
									Agus 5 HEP	Apr 10- 14	Nov 13-14/ Nov 16-17	2
									Agus 6 HEP	Jun 5- 9	Nov 7-10	2
									Agus 7 HEP	Jun 19-23	Oct 17-20	2
									Pulangi 4 HEP	May 2-5/ May 16-19, 2017	December 21-22/ December	2
											27-28, 2017 TOTAL	21
									The three use the failure to inspections inspection in impossible started in Ma	o conduct so on Agus a Agus 2. Sa due to the	semi-annual 1 and 1 st aid inspection Marawi si	mandato semest ns becan
									As regards to provided to inspections.			
									NPC's according credited with of 3 inspecti	full score co	onsidering the	e exclusi

		Com	ponent		Rating	Target	GOCC Sub	omission	GCG Va	lidation	Supporting Documents	Remarks
	Obje	ctive/Measure	Formula	Wt.	System	2017	Actual	Rating	Actual	Rating	Supporting Documents	Remarks
	SO 9	Secured Quality	Management System	(QMS) Cert	ification							
	SM 12	Compliance with Quality Standards	ISO 9001-2008 Certificate awarded	2.50%	All or Nothing	Maintained Certification	Maintained Certification	2.50%	Maintained Certification	2.50%	Certification from Socotec Certification International dated 26 September 2017.	NPC was awarded with ISO 9001:2008 Quality Management System certification by Socotec Certification International, third party auditor, on 26 September 2017.
	SO 10	Transferred Cer	rtificates of Titles/Decre	ees/LRC De	cisions un	der OMA to	PSALM and	Filed Appli	cations/Sec	ured Certi	ficate of Titles of Unregiste	red/Untitled Lots for Both OMA and Non-OMA
INTERNAL PROCESS	SM 13a	Transferred Certificates of Titles/Decrees and Land Registration Case Decisions under OMA to PSALM	Actual No. of Lots with Transferred Certificates of for Titles/Decrees/LRC Decisions under OMA to PSALM	2.50%	All or Nothing	2,037 lots with titles	2,051	2.50%	2,051 lots with titles	2.50%	Transmittal Letter from NPC to PSALM dated 28 June 2017 Photocopies of Certificates of Titles/Decrees and Land Registration Case Decisions and Acknowledgement Receipts from PSALM	Validated with supporting documents.
	SM 13b	Filed Applications for Titling/ Issuance of Certificates of Titles Unregistered/ Untitled Lots for both OMA and Non-OMA	Actual No. of Lots with Filed Applications for Titling/ Issuance of Certificates of Titles for both OMA and Non-OMA	2.50%	Actual over Target	50 titles	54 (OMA- 37, Non- OMA-17)	2.50%	54 titles	2.50%	 Filed Applications Original Certificates of Title Transfer Certificates of Title 	Validated with supporting documents.
			Subtotal	47.50%				44.92%		46.17%		

	Comp	oonent		Rating	Target	GOCC Su	bmission	GCG Va	lidation	Supporting Documents	Remarks	
Obje	ective/Measure	Formula	Wt.	System	2017	Actual	Rating	Actual	Rating	Supporting Boouments		
SO 11	Exercised Fisca	I Prudence to Optimize	Use of Re	sources								
SM 14a	Fixed Cost Efficiency Ratio in the Missionary Areas	Σ[PS + MOOE] ÷ Σ(Gross Generation)	5.00%	All or Nothing	4.46 ₽ /kWh	5.62 ₽ /kWh	3.70%	5.62 ₽ /kWh	0.00%	Summary Computation on Fixed Cost Efficiency Ratio Detailed Fixed Cost for Missionary Areas Other Operating Expenses per Account	NPC failed to maintain its fixe ratio to 4.46 ₽/kWh. Detailed Computation: (In Million Pesos) Fixed Cost (A) Personal Services MOOE Gross Generation (B) Efficiency Ratio (A/B)	2,308.81 834.68 1,474.13 410.76 5.62
SM 14b	Fixed Cost Efficiency Ratio in the Main Grids (Agus-Pulangi)	Σ[PS + MOOE] ÷ Σ(Energy Sales)	5.00%	All or Nothing	0.29 ₽/kWh	0.21 ₽/kWh	5.00%	0.21 ₽/kWh	5.00%	Summary Computation on Fixed Cost Efficiency Ratio Production Cost	Detailed Computation: (In Million Pesos) Fixed Cost (A) Personal Services MOOE Energy Sales (B) Efficiency Ratio (A/B)	660.41 384.16 276.25 3,154.76 0.21
SM 15	OMA Budget Utilization Efficiency Ratio	∑(Miscellaneous OMA Budget) ÷ ∑(Energy Sales)	5.00%	Actual over Target	0.07 ₽/kWh	0.07 ₽ /kWh	5.00%	0.07 ₽/kWh	5.00%	Summary Computation on OMA Budget Utilization Efficiency Ratio Budget Utilization Report as of 31 December 2017	Detailed Computation: (In Million Pesos) OMA Budget Utilization (A) Personal Services MOOE Energy Sales (B) Efficiency Ratio (A/B)	98.13 109.47 3,154.76 0.07

		Com	ponent		Rating	Target	GOCC Su	bmission	GCG Va	lidation	Supporting Documents	Remarks
	Obje	ctive/Measure	Formula	Wt.	System	2017	Actual	Rating	Actual	Rating	Supporting Decuments	
	SO 12	Ensured Adequ	ate Fund Sources for S	Sustainabili	ty and Impr	ove Corpora	te Liquidity					
FINANCE	SM 16	Improve Collection Efficiency	Total Collections ÷ Total Accounts Receivable	5.00%	Actual over Target	56.07%	53.92%	4.81%	53.92%	4.81%	Collection Efficiency Report as of 31 December 2017	[₽ Total Collections] [₽ Total Accounts Receivable] According to NPC, 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).
F	SM 17	EBITDAS Margin with UCME	EBITDAS ÷ (Total Revenue/Income)	5.00%	Actual over Target	19.22%	18.76%	4.88%	18.52%	4.82%	Condensed Statement of Financial Performance for the year ended 31 December 2017 Detailed Computation of EBITDAS Margin.	EBITDAS margin adjusted to 18.52% due to removal/derecognition of the accumulated Revaluation Surplus in compliance with the Philippine Application Guidance 2 of Philippine Public Sector Accounting Standards (PPSAS) for 2017.
			Subtotal	25.00%				23.39%		19.63%		

N P C | 10 of 10
Validated Performance Scorecard 2017 (Annex A)

		Com	ponent		Rating	Target	GOCC Sub	omission	GCG Va	lidation	Supporting Documents	Remarks
	Obje	ctive/Measure	Formula	Wt.	System	2017	Actual	Rating	Actual	Rating	oupporting.	
	SO 13	Ensured Emplo	yee Productivity and C	ompetency								
LEARNING & GROWTH	SM 18	Percentage of Employees with Required Competencies Met	Establishment of Baseline Data	5.00%	All or Nothing	Established Baseline	Established baseline	4.62%	Established baseline	5.00%	NPC Baseline Data	Based on the report, NPC established baseline data of its employees with required competencies. There are 421 out of 1,832 employees who have met the required competencies.
			Subtotal	5.00%				4.62%		5.00%		
			TOTAL	100.00%				90.97%		91.34%		