



“Power with Safety”

Licensees HSE Performance Evaluation Report

17 Nov 2021



National Electric Power Regulatory Authority Islamic Republic of Pakistan

Disclaimers

This report is based on review of the data provided by the licensees in pursuance of the performance standards set by NEPRA as per Sections 34 and 35 of the Regulation of Generation, Distribution and Transmission of Electric Power Act, 1997 (NEPRA Act) and rules and regulations framed thereunder.

Non-provision of data in a timely manner by any licensee, may have resulted in zero marking against the respective criteria. However, if any person feels aggrieved by the report including ranking assigned to a licensee in the report, it may approach NEPRA in writing along with the relevant information/documentary proof for its consideration and, if justified, NEPRA may review the report accordingly.

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National Electric Power Regulatory Authority

Islamic Republic of Pakistan

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1. Executive Summary

The National Electric Power Regulatory Authority (NEPRA) is established under Section 3 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (the “Act”) to exclusively regulate the provision of electric power services to ensure the supply of safe, reliable, efficient and affordable electric power to the people of Pakistan.

Reliable supply of electricity is not only a basic necessity but the economic growth of the country is also directly linked with it. Over the period, the electricity demand in our country has increased exponentially for domestic and industrial applications but unfortunately, safety incidents also increased at Licensees’ workplaces that directly affected the general public.

In line with NEPRA’s vision of “power with safety” and to ensure that the Licensees maintain an acceptable level of Occupational Health, Safety, and Environment (HSE) Management System, NEPRA conducted HSE performance evaluation for 2020 primarily based on the documents, records, and evidence submitted by the Licensees, to assess whether Licensees’ HSE Management systems are adequate, well balanced, and properly maintained to ensure effective readiness and preparedness are in place to secure the plants and manage potential risks to consumers, employees, and contractors. A strong HSE Management system will provide layers of protection to mitigate significant incidents. Incidents are the consequences/ outcomes of safety management system failure (not available or not implemented). The significant risks associated with the power sector must be assessed and controlled without unduly limiting the contribution of the power industry for sustainable development in Pakistan.

2. Purpose

The purpose of Occupational Health, Safety, and Environment (HSE) performance evaluation initiative is to create an HSE baseline for power sector, identify top HSE performers for benchmarking, identify unsafe organizations and provide an opportunity for improvement to be a safe organization. This report will be used in future to compare the Licensees performance with previous year's performance for their continuous improvement.

3. Scope

The performance evaluation was conducted for the year 2020 for Generation, Transmission and Distribution companies for their Occupational Health, Safety & Environment (HSE) Management System.

4. Evaluation Methodology

Annual HSE Performance Evaluation Form (Annexure-4) was developed by NEPRA, having detailed questionnaire, comprised of twenty (20) common "Assessment Categories", regardless of size, capacity or technology to assess HSE performance of Licensees. The performance evaluation is based on sample documents, records and evidences of 2020 submitted by Licensees. NEPRA assigned them points for each assessment category on a weighted scale of 0 up to 5 points to rate the HSE performance of Licensee as outstanding, good, adequate, poor or unsatisfactory, based on submitted supporting documents, records and evidences. The points were deducted for unavailability, irrelevant, incomplete, unapproved or inadequate quality of documents/ evidences.

NEPRA developed following points scale to rate the HSE performance of Licensees.

Points	1	2	3	4	5
Points x Assessment Categories	1 x 20	2 x 20	3 x 20	4 x 20	5 x 20
Percentage	20	40	60	80	100
Category	Unsatisfactory 1 - 20	Poor 21 - 40	Adequate 41 - 60	Good 61 - 80	Outstanding 81 - 100

Following are the twenty (20) “Assessment Categories”.

Assessment Categories	
1.	<p><u>Licensee HSE Management System</u></p> <p>HSE Management System/ Manual is available in compliance to Power Safety Code and approved by NEPRA?</p> <p>ISO 45001, ISO 14001 or any other Health, Safety & Environment standard certification achieved/ maintained in evaluation year. Legal compliance register for national and provincial legal and other requirements are maintained. (Provide/attach HSE Management System/ Manual or NEPRA approval letter, standard certification copy and Legal compliance register).</p>
2.	<p><u>HSE Management Team</u></p> <p>Does the Licensee’s company provide adequate numbers of qualified HSE staff at site for site supervision, who effectively oversee their employees and contractors?</p> <p>(Provide/attach HSE Management Team detail, training certifications or training attendance record and total number of company direct employees)</p>
3.	<p><u>Hazards/ Aspect Identification and Risk/ Impact Assessments</u></p> <p>Approved Hazards/ Aspect Identification and Risk/ Impact Assessments is available?</p> <p>Recommendations implemented. (Provide/attach assessment document and recommendations implementation evidence)</p>
4.	<p><u>HSE Meeting</u></p> <p>HSE Meeting approved plan is available and conducted at top management level. Minutes of Meeting is documented.</p> <p>(Provide/attach approved plan and record of minutes of meetings related with evaluation year)</p>
5.	<p><u>Job Specific Training</u></p> <p>Job Skills Competency Training approved plan is available. Does the company provide job skills competency training (e.g., Electrical Technician, Assistant Lineman, Lineman, Line Superintendent, Heavy Equipment Operators, Riggers, and Scaffold Supervisors, etc.)?</p> <p>(Provide/attach approved plan and record of training related with evaluation year)</p>

6.	<p><u>HSE Awareness Training</u></p> <p>HSE awareness trainings approved plan is available (e.g., Work Permit Issuer & Receiver, Electrical Safety, Isolation, PPE/T&P, Fire Watch, Standby man, Fire Prevention, First Aid, Working at Height, Confined Space and Emergency & Rescue, etc.) and conducted accordingly. Did all essential employees/ contractors attended HSE awareness trainings including new employees/ contractors before they conduct their activities? (Provide/attach approved plan and record of training related with evaluation year)</p>
7.	<p><u>Management HSE Walk-through/ Site Tours</u></p> <p>Top Management HSE Walk-through/Site Tours approved plan is available and conducted accordingly. Does management participated and corrective actions are taken? (Provide/attach approved plan and evidence related with evaluation year)</p>
8.	<p><u>Asset Integrity Management</u></p> <p>Preventive Maintenance approved plan is available and implemented.</p> <p>Safety critical protection devices, instrumentation, interlocks, protection relays, breakers, controls, safety relief valves, F&G detection system, software and components approved list is available and testing is conducted as per plan. (Provide/attach list, plan and execution evidences related with evaluation year)</p>
9.	<p><u>Management of Change (MOC)</u></p> <p>Management of Change (MOC) program is available and implemented. MOC Committee/team is present to review and approve any permanent or temporary change, modification, addition or deletion which is “Not In Kind”. (Provide/attach MOC program document, notification of MOC committee/team and a sample of approved MOC related with evaluation year).</p>
10.	<p><u>Personal Protective Equipment (PPE)/ Tools & Plants (T&P)</u></p> <p>Personal Protective Equipment (PPE)/Tools & Plants (T&P) approved list is available with material description. Adequate amount of PPE/T&P inventory is maintained by Licensee at each site? (Provide/attach approved list, available inventory list and inspection evidences related with evaluation year)</p>
11.	<p><u>Electrical and Mechanical Isolation</u></p> <p>Electrical and mechanical isolation system is available and implemented. (Provide/attach isolation system document and evidences)</p>

12.	<p><u>Permit to Work</u></p> <p>Permit to Work system is available and implemented. Approved authorized Permit to Work Issuer & Receiver List is available? (Provide/attach PTW system document and Permit to Work Issuer & Receiver List related with evaluation year)</p>
13.	<p><u>Heavy Equipment, Machinery, Power Driven Tools and other Handheld Portable Equipment's</u></p> <p>Heavy equipment, machinery, power driven tools and other handheld portable equipment approved list is available, periodically inspected and inspection tag installed. Heavy Equipment Operator and Rigger list is available and are trained & certified? (Provide/attach lists, inspection and valid certification record related to evaluation year)</p>
14.	<p><u>HSE Audit</u></p> <p>Internal HSE Audit system is available, audit is planned and conducted in evaluation year. (Provide/attach HSE Audit system document, audit plan, audit report and non-compliance open/close status)</p>
15.	<p><u>Waste Disposal System</u></p> <p>Waste Disposal System is available and implemented accordingly. Wastes are properly labelled and regularly removed for disposal. (Provide/attach Waste Disposal System document and disposal evidences related with evaluation year)</p>
16.	<p><u>First Aid Facilities</u></p> <p>First aid facilities/ boxes are available at each site. Inspection and refilling are done on monthly basis in first week of each month. (Provide/attach sample inspection record related with evaluation year)</p>
17.	<p><u>Emergency Management</u></p> <p>Emergency Management system is available and implemented. Announced and unannounced emergency drills are planned and conducted. (Provide/attach Emergency Management system document, drill plan and report)</p>

18.	<p><u>Incident Reporting and Investigation</u></p> <p>Incident Reporting & Investigation system is available and implemented. Does Licensee follow NEPRA emergency reporting instruction for incident? Has the Licensee conducted investigation for their incidents including Near-miss? (Provide/attach Incident Reporting & Investigation system document, sample investigation report of near miss or first aid injury related with evaluation year)</p> <p>Note: In this first HSE Performance Report, Licensees incidents are not covered to provide an opportunity for improvement as per Power Safety Code. Both Fatal and Non-fatal incidents will be covered in next annual HSE Performance Report for each licensee as mentioned in Power Safety Code page 83, serial number 18 of Annexure-4 as following:</p> <ul style="list-style-type: none">- Total work-related incidents of Employee/ Contractor in an evaluation year:- Total incidents of Public in an evaluation year as Licensee was responsible:
19.	<p><u>Response to Recommendations/ Corrective Actions</u></p> <p>Are recommendations/ corrective actions that have been requested by NEPRA are fully implemented within the specified period of time? (Provide/attach evidences related with evaluation year)</p>
20.	<p><u>Monthly HSE Performance Report</u></p> <p>Monthly HSE Performance Reports are submitted on time with correct data in evaluation year.</p>

5. HSE Performance Ranking

5.1 HSE Performance Ranking Summary 2020.

No.	Category	Generation	Transmission	Distribution	Total
1	Outstanding	3	0	0	3
2	Good	46	1	1	48
3	Adequate	70	3	6	79
4	Poor	31	1	5	37
5	Unsatisfactory	9	0	1	10
Total		159	5	13	177

Note: This table did not include those Licensees who did not exist in 2020.

5.2 HSE Performance Ranking of Generation, Transmission and Distribution Licensees.

Rank	Name of Licensee	License No.	Points	Category
1	Foundation Power Company (Daharki) Limited	IGSPL/06/2007	88	Outstanding
2	Chashma & Karachi Nuclear Power Plants	GL/017/2003 GL/09/2011 GL/24/2016 GL/25/2016 GL/022/2005 GL/26/2019	86	Outstanding
3	UCH & UCH-II Power (Private) Limited	IPGL/014/2003 IGSPL/25/2010	81	Outstanding
4	Hub Power Company Limited	IPGL/013/2003	79	Good
5	FFBL Power Company Limited	SGC/111/2015	73	Good
6	Sapphire Electric Company Limited	IGSPL/05/2006	72	Good
7	Sapphire Power Generation Limited	002/SGC/2001	72	Good



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Rank	Name of Licensee	License No.	Points	Category
8	Gharo Solar (Private) Limited	SPGL/25/2018	72	Good
9	National Power Parks Management Company (Private) Limited (Haveli Bahadur Shah)	IGSPL/70/2016	71	Good
10	S K Hydro (Private) Limited	IGSPL/21/2009	71	Good
11	Orient Power Company (Private) Limited	IGSPL/03/2005	70	Good
12	Harappa Solar (Private) Limited	SPGL/15/2015	70	Good
13	Fauji Kabirwala Power Company Limited	IPGL/05/2003	69	Good
14	Halmore Power Generation Company Limited	IGSPL/07/2006	69	Good
15	National Power Parks Management Company (Private) Limited (Balloki)	IGSPL/69/2016	69	Good
16	Lalpir Power Company Limited	IPGL/06/2003	68	Good
17	Pakgen Power Limited	IPGL/07/2003	68	Good
18	ICI Pakistan Limited	SGC/122/2017	67	Good
19	ThalNova Power Thar (Private) Limited	IGSPL/75/2017	67	Good
20	Thar Energy Limited	IGSPL/83/2017	67	Good
21	Huaneng Shandong Ruyi (Pakistan) Energy (Private) Limited	IGSPL/60/2015	66	Good
22	Lucky Electric Power Company	IGSPL/66/2016	66	Good
23	Engro Powergen Qadirpur Limited	IGSPL/13/2007 SGC/87/2013	66	Good
24	Lotte Chemical Pakistan Limited	SGC/93/2013	65	Good
25	Engro Powergen Thar (Private) Limited	IGSPL/49/2015	65	Good
26	JDW Sugar Mills Limited -Unit-II	IGSPL/35/2013	65	Good
27	JDW Sugar Mills Limited -Unit-III	IGSPL/36/2013	65	Good



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Rank	Name of Licensee	License No.	Points	Category
28	Hawa Energy (Private) Limited	WPGL/24/2014	65	Good
29	Quaid-e-Azam Thermal Power (Private) Limited	IGSPL/67/2016	64	Good
30	Punjab Thermal Power (Private) Limited	IGSPL/97/2018	64	Good
31	Nishat Chunian Power Limited	IGSPL/14/2007	64	Good
32	Maple Leaf Power Limited	SGC/119/2016	64	Good
33	Sachal Energy Development Private Limited	WPGL/20/2012	64	Good
34	Rousch (Pakistan) Power Limited	IPGL/015/2003	64	Good
35	Jhimpir Power (Private) Limited	WPGL/25/2014	64	Good
36	Hamza Sugar Mills Limited	IGSPL/45/2014	64	Good
37	Karot Power Company (Private) Limited	IGSPL/37/2013	63	Good
38	Nishat Power Limited	IGSPL/15/2007	63	Good
39	Gul Ahmed Wind Power Limited	WPGL/13/2011	63	Good
40	Metro Power Company Limited	WPGL/14/2011	63	Good
41	RYK Mills Limited	IGSPL/44/2014	63	Good
42	China Power Hub Generation Company (Private) Limited	IGSPL/68/2016	62	Good
43	Indus Wind Energy Limited	WPGL/50/2017	62	Good
44	K-Electric (Generation)	GL/04/2002	62	Good
45	K-Electric (Distribution)	09/DL/2003	62	Good
46	Zephyr Power (Private) Limited	WPGL/17/2012	62	Good
47	Jamshoro Power Generation Company Limited (JPCL) GENCO-I	GL/01/2002	62	Good
48	Saif Power Limited	IGSPL/04/2006	62	Good
49	Narowal Energy Limited	IGSPL/19/2008	62	Good

Rank	Name of Licensee	License No.	Points	Category
50	K-Electric (Transmission)	TL/02/2010	61	Good
51	Habibullah Coastal Power Company (Private) Limited	IPGL/012/2003	61	Good
52	Yunus Energy Limited	WPGL/16/2011	60	Adequate
53	Engro Polymer & Chemicals Limited	SGC/026/2004	60	Adequate
54	Tapal Energy (Private) Limited	IPGL/010/2003	60	Adequate
55	Foundation Wind Energy-II (Private) Limited	WPGL/02/2006	60	Adequate
56	Tenaga Generasi Limited	WPGL/04/2006	60	Adequate
57	Liberty Power Tech Limited	IGSPL/17/2008	60	Adequate
58	FFC Energy Limited	WPGL/09/2010	60	Adequate
59	Foundation Wind Energy Limited-I	WPGL/12/2011	60	Adequate
60	Thar Coal Block-I Power Generation Company (Private) Limited	IGSPL/74/2017	60	Adequate
61	Fatima Sugar Mills Limited	SGC/88/2013	59	Adequate
62	Indus Sugar Mills Limited	SGC/42/2008	59	Adequate
63	International Industries Limited	SGC/60/2010	59	Adequate
64	Tricon Boston Consulting Corporation (Private) Limited	WPGL/33/2016	59	Adequate
65	Tricon Boston Consulting Corporation (Private) Limited	WPGL/34/2016	59	Adequate
66	Tricon Boston Consulting Corporation (Private) Limited	WPGL/35/2016	59	Adequate
67	Northern Power Generation Company Limited (GENCO-III)	GL/03/2002	58	Adequate
68	Attock Gen Limited	IGSPL/08/2006	58	Adequate
69	Lucky Cement Limited	SGC/72/2011	58	Adequate
70	Nishat Chunian Limited Coal Power	SGC/115/2016	58	Adequate

Rank	Name of Licensee	License No.	Points	Category
71	Almoiz Industries Limited	IGSPL/53/2015	57	Adequate
72	Kohinoor Energy Limited	IPGL/016/2003	56	Adequate
73	Kot Addu Power Company Limited	IPGL/020/2004	56	Adequate
74	Hydrochina Dawood Power (Private) Limited	WPGL/05/2006	56	Adequate
75	Three Gorges First Wind Farm Pakistan (Private) Limited	WPGL/11/2012	56	Adequate
76	UEP Wind Power (Private) Limited	WPGL/22/2013	56	Adequate
77	Fatima Energy Limited	SGC/96/2013	56	Adequate
78	Port Qasim. Electric Power Company (Private) Limited	IGSPL/47/2015	56	Adequate
79	Three Gorges Second Wind Farm Pakistan Limited	WPGL/31/2016	56	Adequate
80	Three Gorges Third Wind Farm Pakistan (Private) Limited	WPGL/32/2016	56	Adequate
81	Lakeside Energy (Private) Limited	WPGL/53/2017	56	Adequate
82	Fatima Transmission Company	SPTL/01/2015	56	Adequate
83	U.S. Apparel & Textiles (Private) Limited	SGC/131/2019	56	Adequate
84	Master Wind Energy Limited	WPGL/15/2011	56	Adequate
85	Artistic Energy (Private) Limited	WPGL/30/2016	55	Adequate
86	Saba Power Company (Private) Limited	IPGL/011/2003	55	Adequate
87	Din Textile Mills Limited	SGC/39/2008	55	Adequate
88	Thatta Power (Private) Limited	SGC/76/2011	55	Adequate
89	Lucky Cement Limited	SGC/104/2014	55	Adequate
90	Thal Industries Corporation Limited	IGSPL/54/2015	55	Adequate



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Rank	Name of Licensee	License No.	Points	Category
91	Best Green Energy Pakistan Limited	SPGL/13/2015	55	Adequate
92	Crest Energy Pakistan Limited	SPGL/14/2015	55	Adequate
93	Appolo Solar Development Pakistan Limited	SPGL/12/2015	55	Adequate
94	Din Energy Limited	WPGL/40/2017	55	Adequate
95	Eni New Energy Pakistan (Private) Limited	SGC/128/2019	55	Adequate
96	Master Green Energy Limited	WPGL/52/2017	55	Adequate
97	Pak Matiari - Lahore Transmission Company (Private) Limited	SPTL/03/2018	54	Adequate
98	Quetta Textile Mills Limited	SGC/014/2002	53	Adequate
99	Sapphire Wind Power Limited	WPGL/18/2012	53	Adequate
100	Engro Fertilizers Limited	19/DL/2009	53	Adequate
101	Artistic Wind Power (Private) Limited	WPGL/41/2017	52	Adequate
102	Nishat Mills Limited	SGC/40/2008	52	Adequate
103	Oursun Pakistan Limited	SPGL/17/2016	52	Adequate
104	Atlas Power Limited	IGSPL/10/2007	51	Adequate
105	TNB Liberty Power Limited	IPGL/08/2003	50	Adequate
106	ACT Wind (Private) Limited	WPGL/23/2013	50	Adequate
107	ACT-II Wind (Private) Limited	WPGL/42/2017	50	Adequate
108	Quaid-e-Azam Solar Power (Private) Limited	SPGL/04/2014	50	Adequate
109	Sindh Nooriabad Power Company (Private) Limited Phase-I	IGSPL/63/2015	50	Adequate
110	Sindh Nooriabad Power Company (Private) Limited Phase-II	IGSPL/64/2015	50	Adequate
111	Gul Ahmed Energy Limited	IPGL/09/2003	49	Adequate

Rank	Name of Licensee	License No.	Points	Category
112	Faisalabad Electric Supply Company (FESCO)	02/DL/2002	50	Adequate
113	Lahore Electric Supply Company (LESCO)	03/DL/2002	49	Adequate
114	Gujranwala Electric Power Company (GEPCO)	04/DL/2002	49	Adequate
115	Ibrahim Fibers Limited	SGC/33/2007	47	Adequate
116	International Steels Limited	SGC/61/2010	47	Adequate
117	Pak Ethanol (Private) Limited	SGC/81/2012	47	Adequate
118	Multan Electric Power Company (MEPCO)	06/DL/2002	47	Adequate
119	Mehran Sugar Mills Limited	SGC/106/2014	46	Adequate
120	Sindh Transmission & Dispatch Company (Private) Limited	SPTL/02/2015 & PGCL/01/2019	46	Adequate
121	Islamabad Electric Supply Company (IESCO)	01/DL/2001	46	Adequate
122	Shams Power (Private) Limited	SPGL/19/2017	45	Adequate
123	Shams Power (Private) Limited	SGC/134/2020	45	Adequate
124	AJ Solar Power (Private) Limited	SPGL/16/2015	44	Adequate
125	Kohinoor Mills Limited	SGC/007/2001	43	Adequate
126	WAPDA Hydro Power Plant Mangla	GL(Hydel)/05/2004	41	Adequate
127	Sanjwal Solar Power (Private) Limited	SPGL/01/2012	41	Adequate
128	Chiniot Power Limited	IGSPL/41/2014	41	Adequate
129	Gul Ahmed Electric Limited	WPGL/47/2017	41	Adequate
130	Metro Wind Power Limited	WPGL/48/2017	41	Adequate
131	PEDO (Pehur HPP)	GL(Hydel)/08/2009	39	Poor
132	Chanar Energy Limited	IGSPL/71/2016	38	Poor

Rank	Name of Licensee	License No.	Points	Category
133	National Transmission and Dispatch Company (NTDC)	TL/01/2002	38	Poor
134	Sukkur Electric Power Company (SEPCO)	21/DL/2011	38	Poor
135	Sitara Energy Limited	SGC/012/2002	37	Poor
136	Quetta Electric Supply Company (QESCO)	08/DL/2002	36	Poor
137	WAPDA Hydro Power Plant Chashma	GL(Hydel)/05/2004	35	Poor
138	Peshawar Electric Supply Company (PESCO)	07/DL/2002	35	Poor
139	WAPDA Hydro Power Plant Allai Khwar	GL(Hydel)/05/2004	34	Poor
140	WAPDA Hydro Power Plant Khan Khwar	GL(Hydel)/05/2004	34	Poor
141	WAPDA Chichoki	GL(Hydel)/05/2004	33	Poor
142	Zorlu Enerji Pakistan Limited	WPGL/06/2008	33	Poor
143	WAPDA Hydro Power Plant Tarbella	GL(Hydel)/05/2004	32	Poor
144	WAPDA Hydro Power Plant Dubair Khwar	GL(Hydel)/05/2004	32	Poor
145	WAPDA Jabban	GL(Hydel)/05/2004	32	Poor
146	WAPDA Gomal zam	GL(Hydel)/05/2004	32	Poor
147	PEDO (Machai HPP)	GL(Hydel)/11/2013	32	Poor
148	PEDO (Renolai HPP)	GL(Hydel)/12/2013	32	Poor
149	Tribal Areas Electricity Supply (TESCO)	22/DL/2013	32	Poor

Rank	Name of Licensee	License No.	Points	Category
150	PEDO (Malakand HPP)	GL(Hydel)/07/2006	31	Poor
151	WAPDA Shadiwal	GL(Hydel)/05/2004	31	Poor
152	WAPDA Renala	GL(Hydel)/05/2004	31	Poor
153	WAPDA Dargai	GL(Hydel)/05/2004	31	Poor
154	Aquagen (Private) Limited	SGC/79/2012	31	Poor
155	Innovative Energy solution Limited	SGC/84/2013	31	Poor
156	WAPDA Hydro Power Plant Tarbela Ext.4	GL(Hydel)/05/2004	30	Poor
157	WAPDA Hydro Power Plant Jinnah (Kot Chandana)	GL(Hydel)/05/2004	30	Poor
158	WAPDA Rasul	GL(Hydel)/05/2004	30	Poor
159	WAPDA Nandipur	GL(Hydel)/05/2004	30	Poor
160	PEDO (Daral Khwar HPP)	GL(Hydel)/13/2017	30	Poor
161	WAPDA Hydro Power Plant Ghazi Barotha	GL(Hydel)/05/2004	28	Poor
162	WAPDA Hydro Power Plant Warsak	GL(Hydel)/05/2004	28	Poor
163	Hyderabad Electric Supply Company (HESCO)	05/DL/2002	28	Poor
164	WAPDA Khurram Garhi Power Station Bannu	GL(Hydel)/05/2004	27	Poor
165	WAPDA Hydro Power Plant Golen Gol Chitral	GL(Hydel)/05/2004	26	Poor
166	PEDO (Shishi HPP)	GL(Hydel)/10/2013	25	Poor

Rank	Name of Licensee	License No.	Points	Category
167	WAPDA Chitral	GL(Hydel)/05/2004	24	Poor
168	Fazal Paper Mills (Private) Limited	SGC/117/2016	20	Unsatisfactory
169	Monnoo Energy Limited	SGC/010/2001	19	Unsatisfactory
170	Monnoo Energy Limited	10/DL/2006	19	Unsatisfactory
171	Noon Sugar Mills Limited	SGC/94/2013	18	Unsatisfactory
172	Faran Sugar Mills Limited	SGC/97/2014	16	Unsatisfactory
173	Faran Power Limited	IGSPL/85/2017	16	Unsatisfactory
174	Olympia Power Generation (Private) Limited	SGC/029/2005	12	Unsatisfactory
175	Habib Sugar Mills Limited	SGC/105/2014	6	Unsatisfactory
176	HSM Energy Limited	IGSPL/94/2017	6	Unsatisfactory
177	ASIA Generation (Private) Limited	SGC/66/2010	6	Unsatisfactory

6. Highest Points Scorers

Licensees having the highest points five (5) in each assessment category.

No.	Assessment Category	Licensees having Highest Points in each Category
1.	Licensee HSE Management System	<ul style="list-style-type: none"> - ICI Pakistan Limited - Quaid-e-Azam Thermal Power (Private) Limited - Maple Leaf Power Limited
2.	HSE Management Team	<ul style="list-style-type: none"> - Foundation Power Company (Daharki) Limited - Hub Power Company Limited - FFBL Power Company Limited - S K Hydro (Private) Limited - Lucky Electric Power Company - Nishat Chunian Power Limited - K-Electric

		- Saba Power Company (Private) Limited
3.	Hazards/ Aspect Identification and Risk/ Impact Assessments	- UCH & UCH-II Power (Private) Limited
4.	HSE Meeting	- FFBL Power Company Limited - Engro Powergen Thar (Private) Limited
5.	Job Specific Training	- Foundation Power Company (Daharki) Limited - Chashma & Karachi Nuclear Power Plants - FFBL Power Company Limited - Fauji Kabirwala Power Company Limited - Quaid-e-Azam Thermal Power (Private) Limited - Almoiz Industries Limited
6.	HSE Awareness Training	- Chashma & Karachi Nuclear Power Plants - FFBL Power Company Limited - Indus Wind Energy Limited
7.	Management HSE Walk-through/ Site Tours	- Karot Power Company (Private) Limited - Chashma & Karachi Nuclear Power Plants
8.	Asset Integrity Management	- Foundation Power Company (Daharki) Limited - Chashma & Karachi Nuclear Power Plants - Hub Power Company Limited - ICI Pakistan Limited - Northern Power Generation (NPGCL) GENCO-III
9.	Management of Change	- Foundation Power Company (Daharki) Limited - Chashma & Karachi Nuclear Power Plants - UCH & UCH-II Power (Private) Limited - Hub Power Company Limited - Rousch (Pakistan) Power Limited - Habibullah Coastal Power Company (Private) Limited

10.	Personal Protective Equipment (PPE)/ Tools & Plants (T&P)	<ul style="list-style-type: none"> - Chashma & Karachi Nuclear Power Plants - UCH & UCH-II Power (Private) Limited - Lalpir Power Company Limited - Pakgen Power Limited - Huaneng Shandong Ruyi (Pakistan) Energy (Private) Limited - K-Electric (Transmission)
11.	Electrical and Mechanical Isolation	<ul style="list-style-type: none"> - Fauji Kabirwala Power Company Limited - Halmore Power Generation Company Limited - Lalpir Power Company Limited - Pakgen Power Limited - Lotte Chemical Pakistan Limited
12.	Permit to Work	<ul style="list-style-type: none"> - Foundation Power Company Daharki Limited - UCH & UCH-II Power (Private) Limited - Hub Power Company Limited - National Power Parks Management Company (Private) Limited (Haveli Bahadur Shah) - Nishat Chunian Power Limited - China Power Hub Generation Company (Private) Limited
13.	Heavy Equipment, Machinery, Power Driven Tools and other Handheld Portable Equipment's	<ul style="list-style-type: none"> - Foundation Power Company (Daharki) Limited - UCH & UCH-II Power (Private) Limited - Punjab Thermal Power (Private) Limited - Nishat Power Limited
14.	HSE Audit	<ul style="list-style-type: none"> - Foundation Power Company (Daharki) Limited - Chashma & Karachi Nuclear Power Plants - Hub Power Company Limited - National Power Parks Management Company (Private) Limited (Haveli Bahadur Shah) - Yunus Energy Limited

15.	Waste Disposal System	<ul style="list-style-type: none"> - Foundation Power Company (Daharki) Limited - Chashma & Karachi Nuclear Power Plants - Hub Power Company Limited - Punjab Thermal Power (Private) Limited - Engro Polymer & Chemicals Limited - Fatima Sugar Mills Limited
16.	First Aid Facilities	<ul style="list-style-type: none"> - Foundation Power Company (Daharki) Limited - Chashma & Karachi Nuclear Power Plants - Hub Power Company Limited - National Power Parks Management Company (Private) Limited (Balloki) - China Power Hub Generation Company (Private) Limited
17.	Emergency Management	<ul style="list-style-type: none"> - Foundation Power Company (Daharki) Limited - Chashma & Karachi Nuclear Power Plants - S K Hydro (Private) Limited - National Power Parks Management Company (Private) Limited (Haveli Bahadur Shah) - Lotte Chemical Pakistan Limited - Sachal Energy Development Private Limited - Zephyr Power (Private) Limited - Indus Wind Energy Limited - Artistic Energy (Private) Limited
18.	Incident Reporting and Investigation	<ul style="list-style-type: none"> - Foundation Power Company (Daharki) Limited - FFBL Power Company Limited - S K Hydro (Private) Limited - National Power Parks Management Company (Private) Limited (Haveli Bahadur Shah) - Orient Power Company (Private) Limited
19.	Response to Recommendations/ Corrective Actions	Not applicable for 2020.
20.	Monthly HSE Performance Report	Not applicable for 2020.



7. Conclusion

The higher ranking does not guarantee that the actual existing performance of any Licensee in the field is same as stipulated in the report.

If any Licensee is not comfortable with his ranking based on the submitted data, NEPRA shall be happy to discuss and revise the report accordingly.

Those organizations who have Poor or Unsatisfactory HSE performance shall re-submit “Annexure-4- Annual Licensee HSE Performance Evaluation Form” with all supporting documents, records, and evidence for re-evaluation within six (6) months from the release date of this report to improve its score after taking appropriate corrective actions in accordance with NEPRA Power Safety Code, and other applicable documents.