

No.	Input Variables					Output Variables	
	Residual Energy (ResEng)	Distance (DiS)	Node Density (NoDen)	Load (LoD)	Link Quality (LQty)	Possibility_CH (P_CH)	Possibility_CZ (P_CZ)
1	Low	Low	Low	Low	Low	Low	Low
2	Medium	Low	Low	Low	Low	Low	Low
3	High	Low	Low	Low	Low	Medium	Medium
4	Low	Medium	Low	Low	Low	Low	Low
5	Medium	Medium	Low	Low	Low	Low	Low
6	High	Medium	Low	Low	Low	Low	Low
7	Low	High	Low	Low	Low	Low	Low
8	Medium	High	Low	Low	Low	Low	Low
9	High	High	Low	Low	Low	Low	Low
10	Low	Low	Medium	Low	Low	Medium	Medium
11	Medium	Low	Medium	Low	Low	Medium	Medium
12	High	Low	Medium	Low	Low	High	High
13	Low	Medium	Medium	Low	Low	Low	Low
14	Medium	Medium	Medium	Low	Low	Low	Low
15	High	Medium	Medium	Low	Low	Medium	Medium
16	Low	High	Medium	Low	Low	Low	Low
17	Medium	High	Medium	Low	Low	Low	Low
18	High	High	Medium	Low	Low	Medium	Medium
19	Low	Low	High	Low	Low	Low	Low
20	Medium	Low	High	Low	Low	Low	Low
21	High	Low	High	Low	Low	Medium	Medium
22	Low	Medium	High	Low	Low	Low	Low
23	Medium	Medium	High	Low	Low	Low	Low
24	High	Medium	High	Low	Low	Low	Low
25	Low	High	High	Low	Low	Low	Low
26	Medium	High	High	Low	Low	Low	Low
27	High	High	High	Low	Low	Low	Low
28	Low	Low	Low	Medium	Low	Low	Low
29	Medium	Low	Low	Medium	Low	Low	Low
30	High	Low	Low	Medium	Low	Low	Low
31	Low	Medium	Low	Medium	Low	Low	Low
32	Medium	Medium	Low	Medium	Low	Low	Low
33	High	Medium	Low	Medium	Low	Low	Low
34	Low	High	Low	Medium	Low	Low	Low
35	Medium	High	Low	Medium	Low	Low	Low
36	High	High	Low	Medium	Low	Low	Low
37	Low	Low	Medium	Medium	Low	Low	Low

38	Medium	Low	Medium	Medium	Low	Low	Low
39	High	Low	Medium	Medium	Low	Medium	Medium
40	Low	Medium	Medium	Medium	Low	Low	Low
41	Medium	Medium	Medium	Medium	Low	Low	Low
42	High	Medium	Medium	Medium	Low	Low	Low
43	Low	High	Medium	Medium	Low	Low	Low
44	Medium	High	Medium	Medium	Low	Low	Low
45	High	High	Medium	Medium	Low	Low	Low
46	Low	Low	High	Medium	Low	Low	Low
47	Medium	Low	High	Medium	Low	Low	Low
48	High	Low	High	Medium	Low	Low	Low
49	Low	Medium	High	Medium	Low	Low	Low
50	Medium	Medium	High	Medium	Low	Low	Low
51	High	Medium	High	Medium	Low	Low	Low
52	Low	High	High	Medium	Low	Low	Low
53	Medium	High	High	Medium	Low	Low	Low
54	High	High	High	Medium	Low	Low	Low
55	Low	Low	Low	High	Low	Low	Low
56	Medium	Low	Low	High	Low	Low	Low
57	High	Low	Low	High	Low	Low	Low
58	Low	Medium	Low	High	Low	Low	Low
59	Medium	Medium	Low	High	Low	Low	Low
60	High	Medium	Low	High	Low	Low	Low
61	Low	High	Low	High	Low	Low	Low
62	Medium	High	Low	High	Low	Low	Low
63	High	High	Low	High	Low	Low	Low
64	Low	Low	Medium	High	Low	Low	Low
65	Medium	Low	Medium	High	Low	Low	Low
66	High	Low	Medium	High	Low	Medium	Medium
67	Low	Medium	Medium	High	Low	Low	Low
68	Medium	Medium	Medium	High	Low	Low	Low
69	High	Medium	Medium	High	Low	Low	Low
70	Low	High	Medium	High	Low	Low	Low
71	Medium	High	Medium	High	Low	Low	Low
72	High	High	Medium	High	Low	Low	Low
73	Low	Low	High	High	Low	Low	Low
74	Medium	Low	High	High	Low	Low	Low
75	High	Low	High	High	Low	Low	Low
76	Low	Medium	High	High	Low	Low	Low
77	Medium	Medium	High	High	Low	Low	Low
78	High	Medium	High	High	Low	Low	Low

79	Low	High	High	High	Low	Low	Low
80	Medium	High	High	High	Low	Low	Low
81	High	High	High	High	Low	Low	Low
82	Low	Low	Low	Low	Medium	Low	Low
83	Medium	Low	Low	Low	Medium	Low	Low
84	High	Low	Low	Low	Medium	Medium	Medium
85	Low	Medium	Low	Low	Medium	Low	Low
86	Medium	Medium	Low	Low	Medium	Low	Low
87	High	Medium	Low	Low	Medium	Low	Low
88	Low	High	Low	Low	Medium	Low	Low
89	Medium	High	Low	Low	Medium	Low	Low
90	High	High	Low	Low	Medium	Low	Low
91	Low	Low	Medium	Low	Medium	Medium	Medium
92	Medium	Low	Medium	Low	Medium	Medium	Medium
93	High	Low	Medium	Low	Medium	High	High
94	Low	Medium	Medium	Low	Medium	Low	Low
95	Medium	Medium	Medium	Low	Medium	Low	Low
96	High	Medium	Medium	Low	Medium	Medium	Medium
97	Low	High	Medium	Low	Medium	Low	Low
98	Medium	High	Medium	Low	Medium	Low	Low
99	High	High	Medium	Low	Medium	Medium	Medium
100	Low	Low	High	Low	Medium	Low	Low
101	Medium	Low	High	Low	Medium	Low	Low
102	High	Low	High	Low	Medium	Medium	Medium
103	Low	Medium	High	Low	Medium	Low	Low
104	Medium	Medium	High	Low	Medium	Low	Low
105	High	Medium	High	Low	Medium	Low	Low
106	Low	High	High	Low	Medium	Low	Low
107	Medium	High	High	Low	Medium	Low	Low
108	High	High	High	Low	Medium	Low	Low
109	Low	Low	Low	Medium	Medium	Low	Low
110	Medium	Low	Low	Medium	Medium	Low	Low
111	High	Low	Low	Medium	Medium	Low	Low
112	Low	Medium	Low	Medium	Medium	Low	Low
113	Medium	Medium	Low	Medium	Medium	Low	Low
114	High	Medium	Low	Medium	Medium	Low	Low
115	Low	High	Low	Medium	Medium	Low	Low
116	Medium	High	Low	Medium	Medium	Low	Low
117	High	High	Low	Medium	Medium	Low	Low
118	Low	Low	Medium	Medium	Medium	Low	Low
119	Medium	Low	Medium	Medium	Medium	Low	Low

120	High	Low	Medium	Medium	Medium	Medium	Medium
121	Low	Medium	Medium	Medium	Medium	Low	Low
122	Medium	Medium	Medium	Medium	Medium	Low	Low
123	High	Medium	Medium	Medium	Medium	Low	Low
124	Low	High	Medium	Medium	Medium	Low	Low
125	Medium	High	Medium	Medium	Medium	Low	Low
126	High	High	Medium	Medium	Medium	Low	Low
127	Low	Low	High	Medium	Medium	Low	Low
128	Medium	Low	High	Medium	Medium	Low	Low
129	High	Low	High	Medium	Medium	Low	Low
130	Low	Medium	High	Medium	Medium	Low	Low
131	Medium	Medium	High	Medium	Medium	Low	Low
132	High	Medium	High	Medium	Medium	Low	Low
133	Low	High	High	Medium	Medium	Low	Low
134	Medium	High	High	Medium	Medium	Low	Low
135	High	High	High	Medium	Medium	Low	Low
136	Low	Low	Low	High	Medium	Low	Low
137	Medium	Low	Low	High	Medium	Low	Low
138	High	Low	Low	High	Medium	Low	Low
139	Low	Medium	Low	High	Medium	Low	Low
140	Medium	Medium	Low	High	Medium	Low	Low
141	High	Medium	Low	High	Medium	Low	Low
142	Low	High	Low	High	Medium	Low	Low
143	Medium	High	Low	High	Medium	Low	Low
144	High	High	Low	High	Medium	Low	Low
145	Low	Low	Medium	High	Medium	Low	Low
146	Medium	Low	Medium	High	Medium	Low	Low
147	High	Low	Medium	High	Medium	Medium	Medium
148	Low	Medium	Medium	High	Medium	Low	Low
149	Medium	Medium	Medium	High	Medium	Low	Low
150	High	Medium	Medium	High	Medium	Low	Low
151	Low	High	Medium	High	Medium	Low	Low
152	Medium	High	Medium	High	Medium	Low	Low
153	High	High	Medium	High	Medium	Low	Low
154	Low	Low	High	High	Medium	Low	Low
155	Medium	Low	High	High	Medium	Low	Low
156	High	Low	High	High	Medium	Low	Low
157	Low	Medium	High	High	Medium	Low	Low
158	Medium	Medium	High	High	Medium	Low	Low
159	High	Medium	High	High	Medium	Low	Low
160	Low	High	High	High	Medium	Low	Low

161	Medium	High	High	High	Medium	Low	Low
162	High	High	High	High	Medium	Low	Low
163	Low	Low	Low	Low	High	Medium	Medium
164	Medium	Low	Low	Low	High	Medium	Medium
165	High	Low	Low	Low	High	High	High
166	Low	Medium	Low	Low	High	Low	Low
167	Medium	Medium	Low	Low	High	Low	Low
168	High	Medium	Low	Low	High	Medium	Medium
169	Low	High	Low	Low	High	Low	Low
170	Medium	High	Low	Low	High	Low	Low
171	High	High	Low	Low	High	Medium	Medium
172	Low	Low	Medium	Low	High	High	High
173	Medium	Low	Medium	Low	High	High	High
174	High	Low	Medium	Low	High	High	High
175	Low	Medium	Medium	Low	High	Medium	Medium
176	Medium	Medium	Medium	Low	High	Medium	Medium
177	High	Medium	Medium	Low	High	High	High
178	Low	High	Medium	Low	High	Medium	Medium
179	Medium	High	Medium	Low	High	Medium	Medium
180	High	High	Medium	Low	High	High	High
181	Low	Low	High	Low	High	Medium	Medium
182	Medium	Low	High	Low	High	Medium	Medium
183	High	Low	High	Low	High	High	High
184	Low	Medium	High	Low	High	Low	Low
185	Medium	Medium	High	Low	High	Low	Low
186	High	Medium	High	Low	High	Medium	Medium
187	Low	High	High	Low	High	Low	Low
188	Medium	High	High	Low	High	Low	Low
189	High	High	High	Low	High	Medium	Medium
190	Low	Low	Low	Medium	High	Low	Low
191	Medium	Low	Low	Medium	High	Low	Low
192	High	Low	Low	Medium	High	Medium	Medium
193	Low	Medium	Low	Medium	High	Low	Low
194	Medium	Medium	Low	Medium	High	Low	Low
195	High	Medium	Low	Medium	High	Low	Low
196	Low	High	Low	Medium	High	Low	Low
197	Medium	High	Low	Medium	High	Low	Low
198	High	High	Low	Medium	High	Low	Low
199	Low	Low	Medium	Medium	High	Medium	Medium
200	Medium	Low	Medium	Medium	High	Medium	Medium
201	High	Low	Medium	Medium	High	High	High

202	Low	Medium	Medium	Medium	High	Low	Low
203	Medium	Medium	Medium	Medium	High	Low	Low
204	High	Medium	Medium	Medium	High	Medium	Medium
205	Low	High	Medium	Medium	High	Low	Low
206	Medium	High	Medium	Medium	High	Low	Low
207	High	High	Medium	Medium	High	Medium	Medium
208	Low	Low	High	Medium	High	Low	Low
209	Medium	Low	High	Medium	High	Low	Low
210	High	Low	High	Medium	High	Medium	Medium
211	Low	Medium	High	Medium	High	Low	Low
212	Medium	Medium	High	Medium	High	Low	Low
213	High	Medium	High	Medium	High	Low	Low
214	Low	High	High	Medium	High	Low	Low
215	Medium	High	High	Medium	High	Low	Low
216	High	High	High	Medium	High	Low	Low
217	Low	Low	Low	High	High	Low	Low
218	Medium	Low	Low	High	High	Low	Low
219	High	Low	Low	High	High	Medium	Medium
220	Low	Medium	Low	High	High	Low	Low
221	Medium	Medium	Low	High	High	Low	Low
222	High	Medium	Low	High	High	Low	Low
223	Low	High	Low	High	High	Low	Low
224	Medium	High	Low	High	High	Low	Low
225	High	High	Low	High	High	Low	Low
226	Low	Low	Medium	High	High	Medium	Medium
227	Medium	Low	Medium	High	High	Medium	Medium
228	High	Low	Medium	High	High	High	High
229	Low	Medium	Medium	High	High	Low	Low
230	Medium	Medium	Medium	High	High	Low	Low
231	High	Medium	Medium	High	High	Medium	Medium
231	Low	High	Medium	High	High	Low	Low
233	Medium	High	Medium	High	High	Low	Low
234	High	High	Medium	High	High	Medium	Medium
235	Low	Low	High	High	High	Low	Low
236	Medium	Low	High	High	High	Low	Low
237	High	Low	High	High	High	Medium	Medium
238	Low	Medium	High	High	High	Low	Low
239	Medium	Medium	High	High	High	Low	Low
240	High	Medium	High	High	High	Low	Low
241	Low	High	High	High	High	Low	Low
242	Medium	High	High	High	High	Low	Low

243	High	High	High	High	High	Low	Low
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