

## **HOLI –II SHP (7 MW)**

### **PROJECT SUMMARY / CHRONOLOGY**

1. Project Identified by M/s O.P. Steels Ltd. & named "Holi-II SHP" of 5 MW capacity in District Chamba (HP) under the "Self-Identified Scheme" of HIMURJA (Nodal Agency of Himachal Government for Small Hydro projects up to 5 MW capacity) in year 2005.
2. The MOU in between Govt. of Himachal Pradesh and M/s O.P. Steels Ltd. was executed on 17<sup>th</sup> July, 2007 for preparation of DPR of Holi-II SHP (5MW) in Chamba (HP).
3. The PFR of the project was submitted to Nodal Agency HIMURJA in Dec, 2007.
4. The Pre-Project Development Activities of the project Holi-II SHP, assignment to be executed by M/s Krishna Hydro Projects Pvt. Ltd., Dehradun.
5. The discharge measurement site developed near Power House site and regular discharge taken from April 2008.
6. The Topography survey work was done by M/s Himalayan Surveying Services, Paonta Sahib for detailed topography of the project area in the year 2008.
7. The Geology Survey work was done by M/s Kain Geotech, Dehradun for detailed geological investigation of the project area in the year 2008.
8. All Rock & Stone testing (Petrography Analysis) was carried out by M/s Wadia Institute of Himalayan Geology (WIHG), Dehradun.
9. All water sample sedimentation tests/silt analysis was carried out by M/s Wadia Institute of Himalayan Geology (WIHG), Dehradun.
10. The Socio Economic Survey of the Project Area was carried out by "Kudrat Gramodhog Sansthan", Dehradun in the November, 2008.
11. The Detailed Project Report (DPR) was prepared by "Alternate Hydro Energy Center" (AHEC), IIT, Roorkee in July, 2009.
12. The DPR was submitted to Energy Department, Himachal Government / HIMURJA for the capacity 7 MW in July 2009.
13. The DPR transferred from HIMURJA to HPSEB on October, 2009 for TEC Evaluation due to enhance capacity from 5 MW to 7 MW.
14. The HPSEB transferred the record to Directorate of Energy (Nodal Agency for above 5 MW projects) for TEC evaluation.
15. The NOC from Wildlife Department was obtained on 5<sup>th</sup> Nov, 2009.
16. The NOC from Gram Panchayat was obtained on 6<sup>th</sup> Nov, 2009.
17. The NOC from Fisheries Department was obtained on 17<sup>th</sup> Dec, 2009.
18. The Local Area Development Fund (LADF)- 1<sup>st</sup> Installment of Rs. 3.5 lacs were deposited in SDM, Bharmour office on 17<sup>th</sup> March, 2010.
19. Joint inspection of the project completed on 5<sup>th</sup> May, 2010.
20. The NOC from Public Work Department (PWD) was obtained on 25<sup>th</sup> June, 2010.
21. An agreement between Irrigation & Public Health Department, Govt. of HP and M/s O.P. Steels Ltd. signed on 2<sup>nd</sup> July 2010.
22. The NOC from IPH Department was obtained on 8<sup>th</sup> July, 2010.
23. A Tripartite Agreement between Govt. of Himachal Pradesh, M/s O.P. Steels Ltd and M/s Om Energy Generation Pvt. Ltd. (SPV) signed for project implementation on 3<sup>rd</sup> Sept, 2010.

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24. Techno Economic Clearance (TEC) for the project Holi-II SHP (7MW) accorded by Directorate of Energy on 22<sup>nd</sup> Sept, 2010.
25. Power Evacuation System/ROW granted/confirmed in TEC at Holi Sub Station.
26. Implementation Agreement for project execution signed between Govt. of Himachal Pradesh and M/s Om Energy Generation Pvt. Ltd. on 8<sup>th</sup> Oct, 2010.
27. Demand Notice for Construction Power (200 kVA) of Rs. 2,17,000/- received from HPSEB on 26<sup>th</sup> Aug, 2010. Statutory payment deposited in the office of SDO, HPSEB, Bharmour on 26<sup>th</sup> Oct, 2010.
28. CDM Validation – Prior Consideration for project was listed in UNFCCC on 20<sup>th</sup> Dec, 2010.
29. NIT/Tender Notice for EPC contract of Electro Mechanical works was floated in news papers on 30<sup>th</sup> Dec, 2010. Tender prepared & evaluated by VERKIS, Iceland. Pre-bid meeting held on 8<sup>th</sup> July, 2011 and Bid received on 16<sup>th</sup> Aug, 2011. Finalization of contractor is under process. (Pending)
30. Forest land case was submitted on 4<sup>th</sup> Oct, 2010 and in-principal approval was obtained on 28<sup>th</sup> Feb, 2011.
31. Om Energy Registered office address changed from 26 K.B. Dasan Road, Teyenmpet, Chennai to 167, St. Mary's Road, Alwarpet, Chennai on 15<sup>th</sup> March, 2011 by filling form 18 on MCA Website.
32. Ghoshna Patra of project land by Deputy Commissioner Chamba (Section 4 procedure for project land lease deed) released on 8<sup>th</sup> April, 2011.
33. Statutory payment of Rs. 1,32,15,809/- for forest land was submitted in March 2011 and the final approval from MOEF, Regional Office Chandigarh was obtained on 27<sup>th</sup> Apr, 2011.
34. Essentiality Certificate for project land issued by Directorate of Energy, Himachal Govt. on 28<sup>th</sup> April, 2011.
35. The public hearing in project area for CDM benefits was held on 1<sup>st</sup> May, 2011.
36. NOC's on Ghoshna Patra (Section 4) given by Panchayat on 27<sup>th</sup> May, 2011 and by Forest on 31<sup>st</sup> May, 2011.
37. The Explosive case submitted to Chief Controller Explosive, Faridabad on 1<sup>st</sup> June, 2011.
38. The Consent to Establishment (NOC) from Pollution Control Board was granted on 20<sup>th</sup> July 2011 for the year 2011-12.
39. Permission to start the construction work of project has been accorded by Deputy Commissioner, Chamba on 25<sup>th</sup> July, 2011.
40. NIT/Tender Notice for Turnkey Projects for Civil & Hydro Mechanical works was floated on news papers on 1<sup>st</sup> Sept, 2011. Tender prepared & evaluated by Synergics India. RFQ received on 21<sup>st</sup> Sept, 2011. RFP received on 7<sup>th</sup> Nov, 2011. Finalization of Contractor is under process.
41. Tender document for Bridge and Road of project issued to contractor in Aug, 2011. Interaction /meeting between Management and contractor held on 8<sup>th</sup> Oct, 2011. Finalization of contractor / work order to selected contractor yet to be released.
42. Sale Tax/VAT (TIN) registration of Om Energy Generation in Chamba (HP) completed on 5<sup>th</sup> Nov, 2011.
43. The Explosive Storage License NOC from Deputy Commissioner, Chamba has been accorded on 8<sup>th</sup> Nov, 2011.

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44. The 1<sup>st</sup> LADF meeting for committee formation has been held on 15<sup>th</sup> Nov, 2011 under the presence of ADM Bharmour and other concern department.
45. Loan application to IREDA submitted on 30<sup>th</sup> Nov, 2011. Promoter's interaction with IREDA is pending for "Loan Sanction".
46. Explosive License granted to Om Energy Generation by Chief Controller Explosive, Faridabad on 9<sup>th</sup> Dec, 2011.
47. Project LADF Joint Account in PNB Holi opened on 27<sup>th</sup> Dec, 2011.
48. Assurance letter to IREDA by Nodal Agency Directorate of Energy, Himachal Govt. is given on 16<sup>th</sup> Jan, 2012 for project "Financial Closure".
49. Demand Notice for Passage case (approach to PH Site) of Rs. 2,02,605/- received from HPSEB on 20<sup>th</sup> Jan, 2012.
50. Demand Notice for Bay/Interconnection point at Holi Sub Station of Rs. 14,60,000/- received from HPSEB on 20<sup>th</sup> Jan, 2012.
51. Labour License – Activity pending/ stopped. It will happen when "Contractor at Site".
52. Demarcation of project component on the ground is pending/ stopped due to non finalization of Contractor.
53. Enumeration of trees from project component by Himachal Forest Corporation is pending/ stopped. Cutting lot should be made with Civil Contractor.
54. Capital Subsidy of the project will be applied only after one year completion of project construction works. As per G.O. of MNRE – 50% Equity and 50% Loan disbursement should have been completed.
55. Revenue Lease deed case of the project land with Himachal Govt. is in process. NOC from ADM received and case file forwarded by DC, Chamba to Divisional Commissioner, Dharamsala for onward submission to Secretary Revenue. File is at present in Revenue Dept. Shimla for approval of Secretary Revenue.
56. Statutory Payment for Passage case (approach to PH Site) of Rs. 2,02,605/- deposited in HPSEB Ltd. on 17<sup>th</sup> July, 2012 through DD No. 110414.
57. Statutory Payments for Bay/Interconnection point at Holi Sub Station of Rs. 14,60,000/- deposited in HPSEB Ltd. on 17<sup>th</sup> July, 2012 through DD No. 110415.
58. Renewal of PCB Consent to Establishment is due on 20<sup>th</sup> July 2012. We apply for renewal on 17<sup>th</sup> July 2012 and statutory payment of Rs. 1,60,000/- deposited to Asst. Eng. PCB Regional Office, Chamba on 24<sup>th</sup> July, 2012 through DD No. 110466.
59. Loan application of Holi-II SHP closed by IREDA vide letter dated 29<sup>th</sup> August, 2013.
60. STU Coordination Committee meeting attended by Om Energy on 15<sup>th</sup> Oct, 2012 for discuss the grant of connectivity of project. The issue taken by committee. Next meeting of STU Coordination committee is schedule on 4<sup>th</sup> Dec, 2012 for Final State Grid Interface Connectivity Agreement of Holi-II SHP.
61. Passage final letter for possession of land at site is received from Asst. Engineer, Holi Power House Division, HPSEB Ltd. on 20<sup>th</sup> Oct, 2012.
62. Request for revised cost estimate of Holi-II SHP submitted to AHEC, IIT Roorkee submitted on 16<sup>th</sup> June, 2012 and after consent of AHEC the statutory fees of Rs. 89,888/- submitted vide DD No. 110624 dated 27/8/2012. The draft revised cost estimate received from AHEC on 5<sup>th</sup> Oct, 2012 and after consent of Om Energy the Final revised cost estimate received on 22<sup>nd</sup> Oct, 2012 with independent due diligence.

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63. Application for approval of revised cost estimate from Directorate of Energy, Govt. of HP submitted on 26<sup>th</sup> Oct, 2012. The revised project cost is cover under the Govt. Order MPP-F (10)-24/2011 dated 7<sup>th</sup> July, 2012.
64. Captive utilization of Power of Holi-II SHP is in progress with a leading textile industry of North India.
65. Advance stage of Electrical and Electro-mechanical contracts to be signed, bids received, evaluated and short listing of contractors done. EPC contract being drafted by the leading lawyer of infrastructure space M/s Hemant Sagar Associates.
66. Loan processing conversation start with State Bank of India, Industrial Finance Branch, Chennai by Om Energy Head office, Chennai in November 2012. Site visit planed in February OR March 2013 due to Snow in winter season at project site.
67. Application for Extension of Financial Closure submitted on 16<sup>th</sup> Nov, 2012, DOE demand for application fees through letter dated 20<sup>th</sup> Dec, 2012, OEGPL deposit statutory fees of Rs. 4,20,000 + Interest of Rs. 5000 through DD vide letter dated 14<sup>th</sup> Feb, 2013. Directorate of Energy approval for FC Extension for 6 months granted on 20<sup>th</sup> Feb, 2013.
68. Directorate of Energy approved the revised cost estimate of Holi-II SHP on 26<sup>th</sup> Feb, 2013.
69. SBI, Chennai team visit Holi-II project site on 3-7<sup>th</sup> March 2013 for approval & sanction of loan application of the project.
70. Renewal of PCB Consent to Establishment is due on 31<sup>st</sup> March 2013. We online apply for renewal on 16<sup>th</sup> March 2013 and statutory payment of Rs. 1,60,000/- deposited to Asst. Eng. PCB Regional Office, Chamba on 28<sup>th</sup> March, 2013 through DD No. 111617.
71. As per direction of Revenue office Shimla, the application for Section 118 compliance on lease case of Holi-II SHP submitted to DC Chamba office on 28<sup>th</sup> March 2013. File is under process and DC, Chamba forwarded case to SDM (Civil), Bharmour vide letter dated 25/4/2013. A reminder is also send by DC to SDM on 17/5/2013. Reply from SDM still awaited and delayed due to amendment in lease rule by HP Govt.
72. Om Energy Coordination office at Dehradun shifted from 160, Vasant Vihar to 12-D, Race Course, Dehradun on 1<sup>st</sup> April 2013.
73. Loan Application acknowledgement received from SBI on 3<sup>rd</sup> April, 2013. Reply of SBI queries send to them through email & letters dated 6<sup>th</sup> June, 2013 and 25<sup>th</sup> June, 2013.
74. Agreement by OEGPL for Power Purchase of Holi-II SHP with NTPC Vidyut Vyapar Nigam Ltd. (NVVN) signed on 5<sup>th</sup> April, 2013.
75. PCB Consent to Establish for FY 2012-13 received from Member Secretary, HPPCB vide letter dated 23<sup>rd</sup> April, 2013.
76. PCB Consent to Establish for FY 2013-14 accepted by RO, PCB Chamba on 8<sup>th</sup> May, 2013 and statutory fees of Rs. 1,60,000/- accepted by PCB vide receipt no. 0062278 dated 8<sup>th</sup> May, 2013.
77. Connectivity Agreement file submitted to HPPTCL on 22<sup>nd</sup> June, 2013 vide letter dated 20/6/2013 along with statutory fees of Rs. 4 lacs through DD no. 625496 dt. 20/6/2013.
78. STU Coordination Committee meeting attended by Mr. Sanjay Saklani on 6<sup>th</sup> June, 2013 at Shimla for discussions & approval of Connectivity Agreement by Pr. Secretary (Power) Govt. of HP, and In-principal agreed. Approved in Minutes of Meeting on HPPTCL website released on 19<sup>th</sup> July, 2013. Letter of Consent received on dated 25<sup>th</sup> July, 2013.
79. Meeting/discussions with SBI Team by Om Energy Team held at Chennai on 15<sup>th</sup> June, 2013 and 16<sup>th</sup> July, 2013.

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80. Power Purchase Agreement (PPA) of Holi-II SHP signed with Reliance Power Trading Limited, Mumbai, on 1<sup>st</sup> August, 2013.
81. Demand Draft to DFO Bharmour for short realization of cost of trees of Rs. 8,21,306/- prepared on 29<sup>th</sup> July, 2013 and send to DFO Bharmour vide letter dated 1<sup>st</sup> August, 2013.
82. SBI Chennai asked Directorate of Energy, Shimla regarding PLF of Chamba area projects which has been replied by Directorate of Energy and data send to SBI through Email on 8<sup>th</sup> August, 2013.
83. All project documents (Hard copy) submitted to IFC Branch, SBI Chennai during the meeting on 27<sup>th</sup> August, 2013 by Om Energy team for committee appraisal/approval.
84. Project Risk Management – Insurance of Project, AON GLOBLE, New Delhi appointed as Insurance Broker and LOI issued on 18<sup>th</sup> Sept, 2013.
85. Meeting with NEXGEN for REC loan discussions done by OEGPL Team on 20<sup>th</sup> Sept, 2013.
86. Meeting of E&M Supplier with OEGPL Management done at Bangalore/Chennai office on 5 & 6 Nov, 2013. Management finalize to FLOVEL as E&M Contractor.
87. LOI to Flovel Energy for E&M Contract issued on 13<sup>th</sup> Nov, 2013.
88. PCB Consent to Establish for FY 2013-14 received from Member Secretary, HPPCB vide letter dated 13<sup>th</sup> Dec, 2013.
89. Project Site visit of Saini Engineers (Lenders Engineer of SBI) done on 16-17 Dec, 2013.
90. Explosive Magazine of Holi-II SHP shifted from Gwala village to proposed magazine site near PH site on 18-19 Dec, 2013. Erection & installation of magazine is pending due to snowfall starts at site on 20<sup>th</sup> Dec, 2013.
91. CRISIL Rating appointed as rating agency for OEGPL rating on 24<sup>th</sup> Dec, 2013. The final ratings B<sup>+</sup> received on 23<sup>rd</sup> Jan, 2014.
92. OEGPL applied to HPPTCL for optional connectivity of Holi-II SHP on 28<sup>th</sup> Dec, 2013. HPPTCL consent received on 13<sup>th</sup> Jan, 2014.
93. Approval of loan sanction from SBI, IFB Chennai received on 17<sup>th</sup> Jan, 2014. The total amount of loan sanctioned is Rs. 38.35 Crores.
94. SBICAP Trustee appointed as security trustee for SBI Loan by Om Energy on 28<sup>th</sup> Jan, 2014.
95. Upfront Fees (Margin Money to SBI) of Rs. 7,67,000/- paid to SBI, IFB, Chennai by OPG Holding on behalf of OEGPL on 8<sup>th</sup> Jan, 2014.
96. Holi site visit of Mr. Alok Gupta (Promoter) with Mr. Dalip Dua & bridge contractor (Anju Industries) done on 5-6 Feb, 2014.
97. Application for extension of Zero date submitted to Directorate of Energy (DOE) on 7<sup>th</sup> Feb, 2014, demand letter for extension fees received on 17<sup>th</sup> Feb and Cheque of Rs. 9.24 lacs deposited on 18<sup>th</sup> Feb in DOE. Final extension of Zero Date till 7<sup>th</sup> April 2014 received from DOE on 22<sup>nd</sup> Feb, 2014.
98. OEGPL new bank a/c in SBI, IFB Chennai branch opened on 20<sup>th</sup> Feb, 2014.
99. Work of bridge design (Steel Bridge of 40R of 40mtr length) given to Anju industries and advance of Rs. 1 lac release on 21<sup>st</sup> Feb, 2014 by OPG Holding on behalf of OEGPL.
100. OEGPL applied to Directorate of Energy for Letter of Assurance in favor of SBI, IFB, Chennai on 27<sup>th</sup> Jan, 2014 and Letter received on 10<sup>th</sup> Mar, 2014.
101. OEGPL Director Mr. Ravi Gupta signed the Security Trustee Agreement with SBICAP Trustee and State Bank of India along with Deed of Guarantee for Overall Limit and Deed of Hypothecation at SBI, IFB Chennai on 14<sup>th</sup> Mar, 2014.

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102. Drawings & Calculation of bridge design received from Anju Industries on 17<sup>th</sup> Mar, 2014. Balance amount of Rs. 1.5 lacs for bridge design release on 20<sup>th</sup> Mar, 2014. Final drawings received on 3<sup>rd</sup> April 2014.
103. HPPCB Consent to Establishment renewal for 2014-15 is due on 31<sup>st</sup> Mar 2014. We apply online on 24<sup>th</sup> Mar, 2014 and DD of Rs. 1,60,000/- made on 31<sup>st</sup> Mar, 2014 and submitted to Asst. Engineer, HPPCB Regional Office, Chamba on 2<sup>nd</sup> April, 2014.
104. Lease amount for Holi-II SHP as per New Lease Rule 2013 calculated for Rs. 28,67,774/-. This calculation details along with chq no. 518942 of Rs. 28,67,774/- submitted to Deputy Commissioner Office, Chamba on 31<sup>st</sup> Mar, 2014 for execution of Lease deed.
105. Token Money of Rs. 10 lacs to M/s Flovel Energy, E&M Contractor given vide chq no. 518941 on 31<sup>st</sup> Mar, 2014.
106. OEGPL appointed KARVY Computer Share Ltd. as Registered Transfer Agent (RTA) on 4<sup>th</sup> April, 2014 for demat of share and listing of share in National Securities Depository Limited (NSDL), Mumbai.
107. OEGPL request to IIT, Roorkee for vetting of bridge design drawings & calculation on 5<sup>th</sup> April, 2014.
108. OEGPL applied to Sr. Ex. Engineer, HPSEB, Chamba for physical connection of construction power at power house site as per approved load of 200Kw on 22<sup>nd</sup> April, 2014.
109. Deputy Commissioner, Chamba Returned the Lease Rent cheque no. 518942 of Rs. 28,67,774/- on 3<sup>rd</sup> May, 2014.
110. Meeting with Resident Engineer, Kholi, at Dharini, Shahapur for discussions on passage alternate study due to land slide of approved passage, done on 8<sup>th</sup> May, 2014.
111. OEGPL submitted passage alternate study options 1 & 2 to RE, Kholi on 10<sup>th</sup> May, 2014.
112. Lease Rent calculation submitted by Nayab Tehsildar Holi to ADM Bharmour on 21<sup>st</sup> May, 2014 & ADM forward lease rent case to DC Chamba on 3<sup>rd</sup> June, 2014.
113. Resident Engineer Kholi site visit at Holi for passage alternate study done with HPSEB Team & OEGPL Team on 23<sup>rd</sup> May, 2014.
114. PCB Consent to Establish for FY 2014-15 received from Member Secretary, HPPCB vide letter dated 28<sup>th</sup> May, 2014.
115. Explosive Magazine establish at project site near Power House site on 3<sup>rd</sup> June, 2014.
116. Authorized Share Capital of OEGPL increased upto 10 Crore in ROC on 3<sup>rd</sup> June, 2014.
117. OEGPL submitted extra options 3 for passage to RE, Kholi on 4<sup>th</sup> June, 2014 as suggested by him during his site visit for alternate passage study in HPSEB Holi-I Power House area.
118. OEGPL received the ISIN number from NSDL, Mumbai on 6<sup>th</sup> June, 2014.
119. Meeting in Kuleth Panchyat regarding the cooperation on project development before start the construction activities done on 11<sup>th</sup> June, 2014.
120. Director's Residence cum Guest House at Holi finalizes and Established on 12<sup>th</sup> June, 2014.
121. Share Pledge Agreement between OEGPL & SBICAP Trustee signed on 17<sup>th</sup> June, 2014.
122. Demand Notice from Addl. S.E., Electrical Division, HPSEBL, Chamba received on 23<sup>rd</sup> June, 2014 for additional charges of PAC as per present rates of Rs. 2,66,000/-.
123. Explosive License Renewable application submitted to Faridabad office on 25<sup>th</sup> June, 2014.
124. DC, Chamba forwarded OEGPL lease case with new lease rent calculation to Secretary Revenue office, Shimla on 1<sup>st</sup> July, 2014.

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125. RE, Kholi forwarded OEGPL alternate passage case to SE, Palampur on 3<sup>rd</sup> July, 2014 for vetting & approval. SE, Palampur further forwarded passage case to CE Sundarnagar on 15<sup>th</sup> July, 2014 for approval of competent authority.
126. OEGPL shares of Value Rs. 4.71 Crore pledged with SBICAP Trustee on 8<sup>th</sup> July, 2014.
127. Section 68 approvals for Transmission line received from Pr. Secretary Power, GoHP, on 10<sup>th</sup> July, 2014.
128. Explosive Magazine balance work such as Fencing, Gate, Earthling & other allied works completed on 22<sup>th</sup> July, 2014.
129. Power Availability Certificate (PAC) demand notice amount of Rs. 2,66,000/- submitted by OEGPL to SDO, HPSEBL, Bharmour on 24<sup>th</sup> July, 2014.
130. Detailed Designing Survey/Component wise survey completed by Rawat Surveyor at site on 25<sup>th</sup> July, 2014.
131. Joint Visit of Synergics Hydro India & OEGPL Teams completed to Civil & Hydro Mechanical Contractor P&R Infra Projects Fabrication Unit, Ropar on 30<sup>th</sup> Jul 2014.
132. The Government of Himachal Pradesh in its final approval in Cabinet cleared the Revenue Lease case in favor of Om Energy Generation Pvt. Ltd with directions to DC Chamba for Execution of Lease Deed vide letter no Rec D (G) 6–2/2013 dated 21<sup>st</sup> Aug 2014.
133. Additional Rs. 50 Lacs shares issued to OPH Holdings India Private limited pledged to SBI CAP Trustee Private limited which gives Rs. 5.21 Crores value of shares pledged as on date 22<sup>nd</sup> Aug 2014.
134. Additional Equity of Rs. 99.30 Lacs induced in Om Energy Generation Private Limited. The total paid up capital value is of Rs. 6,20,30,000/- of OEGPL as on 19<sup>th</sup> Sept 2014.
135. DPR for 1st LADA Project for all of Kuleth Panchayat villages for Street Lightning prepared & submitted to DC Chamba on 19<sup>th</sup> Sept 2014.
136. The deliberations are at final stage for Civil Contractor for LSTK contract signing, team visiting site for “Final Doable Quote” on 4<sup>th</sup> Oct 2014.
137. Approach Road Alignment Fixed with 2 feet width path in the 1<sup>st</sup> week of Oct 2014.
138. Explosive License Renewed with validity upto 31<sup>st</sup> Mar 2016 on 24<sup>th</sup> Oct 2014.
139. OEGPL Promoter Mr Ravi Kumar Gupta, Director Mr Dalip Dua & P&R Infra Projects MD Mr. Pavaljeet Singh made joint visit to P&R Fabrication Unit on 27<sup>th</sup> & 28<sup>th</sup> Oct 2014.
140. LOI released to P&R Group, Chandigarh for Civil & Hydro Mechanical Works Turnkey Contract on 27<sup>th</sup> Oct 2014.
141. Bank Fees for Loan paid to SBI, IFB Chennai of amount Rs. 23,61,000/- on 23<sup>rd</sup> Nov 2014.
142. Supply & Services Contracts for Electro-Mechanical Equipment's & Works of Holi II project signed with M/s Flovel Energy Private Limited on 27<sup>th</sup> Nov 2014.
143. Explosive License/Magazine Site – Establishment completed on 28<sup>th</sup> Nov 2014.
144. Combined Visit of Synergics Hydro India Team (Design Consultant) & Director of Rohtang Transmission Pvt. Ltd completed to Holi-II project site for Approach Road, Power Evacuation System and Project Design Review on 1<sup>st</sup> to 4<sup>th</sup> Dec 2014.
145. Share Capital of Om Energy Generation Pvt. Ltd increased from Rs 10 Crore to Rs 15 Crore for Equity Infusion in Company on 5<sup>th</sup> Jan 2015.
146. Lease Deed of project land Signed by Mr Dalip Dua, Director - OEGPL and Dr. Jitender Kanwar, SDM Bharmour, Govt. of HP in the presence of Registrar Mr. Gyanchandra Bhardwaj, Nayab Tehsildar – Holi on 6<sup>th</sup> Jan 2015.

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147. Original Lease Deed submitted to SBICAP Trusty, Mumbai on 18<sup>th</sup> Jan 2015.
148. Lump-Sum Turnkey Contract for Civil & Hydro-Mechanical Works with P&R Infra Projects Executed on 19<sup>th</sup> Jan 2015.
149. Share Pledge of 30% Equity (INR 7.66 Crore) with SBI CAP Trustee Ltd Completed on 25<sup>th</sup> Jan 2015.
150. The LOA for Construction of Approach Road from Holi-1 Power House main road to right bank of Holi Nallah upto Holi-2 Power House awarded to M/s Rohtang Transmission Private Limited on 6<sup>th</sup> Mar 2015.
151. Tree Hammer Marking work in the project area completed by the Range office, forest dept. Holi in the 1<sup>st</sup> week of Apr 2015.
152. Road Contractor Rohtang Transmission Pvt. Ltd. mobilized at site for widening of Road & Construction of Protection Walls of Approach Road in 1<sup>st</sup> week of April 2015.
153. Civil Contractor P&R Infra Projects Pvt. Ltd. is also mobilize/deployed his team such as Civil Engineers & Surveyor for Demarcation of project layout on ground as per Engineering Drawings provided by Synergics Hydro (India) Pvt. Ltd. (Project Designer) in the 1<sup>st</sup> week of April 2015. The work of Boring & Penetration Test of Soil of Power House & Bridge with embedment's designing awarded by the contractor.
154. The following Insurance Cover taken by OEGPL for Construction period of the Project W.E.F. 1<sup>st</sup> April 2015-
  - a. Erection All Risk Insurance from The New India Assurance Co Ltd.
  - b. Advance Loss of Profit from The New India Assurance Co Ltd.
  - c. Directors & Officers Obligations from TATA AIG General Insurance Company Limited.
  - d. Group Personnel Insurance from Religare Health Insurance Company Limited
155. Further to Lease Deed of Project Land executed on 6<sup>th</sup> Jan 2015, the said land muted in name of the Company M/s Om Energy Generation Pvt. Ltd. on 09<sup>th</sup> Apr 2015.
156. Vehicle for project site THAR make from Mahindra purchased on 13<sup>th</sup> Apr, 2015 and deputed at site on 22<sup>nd</sup> April, 2015.
157. Application for Financial Assistance in the Form of Grant (Subsidy) submitted in Ministry of New & Renewable Energy (MNRE) in accordance to Order No. 14(03) 2014 – SHP dated 02<sup>nd</sup> July 2014 of MNRE (Small Hydro Power Scheme), Govt. of India on 16<sup>th</sup> Apr 2015.
158. Authorized Share Capital of OEGPL increased from INR 15 Crore to INR 25 Crore on 20<sup>th</sup> Apr 2015.
159. Tripartite Connection Agreement executed between H.P. Power Transmission Corporation Limited (STU), H.P. State Electricity Board Limited (Distribution Licensee) and Om Energy Generation Pvt. Ltd. (Developer) for supply of Electricity through their facilities on 22<sup>nd</sup> Apr 2015.
160. Rent agreement signed for Kul with Mr. Bharmu Ram (Owner of Aara Machine) in the HPSEB Passage area for clear the passage on 27<sup>th</sup> April, 2015.
161. Ministry of New & Renewable Energy (MNRE) has accorded in "In Principle Approval" for Grant of Financial assistance by way of Subsidy amounting to INR 5 Crores vide there Letter no 7/03/2015 – SHP dated 11<sup>th</sup> May 2015.
162. PAC (Power Availability Certificate) of 200kW load for construction power received from HPSEBL on 11<sup>th</sup> May 2015.



**HOLI –II SHP (7 MW)**  
**PROJECT SUMMARY / CHRONOLOGY**

163. Tree enumeration list after hammering is prepared by R.O. (Trehta) Holi with cost evaluation of additional trees and submitted to DFO Bharmour on 2<sup>nd</sup> week of May 2015.
164. DFO Bharmour forwarded the Tree enumeration list of hammered trees to CF, Chamba on 28<sup>th</sup> May, 2015.
165. Pollution Control Board (PCB) Consent to Establish for FY 2015-16 received from Member Secretary, HPPCB on 12<sup>th</sup> Jun 2015.
166. DG Set of 15 kVA installed at OEGPL site office cum transit camp on 15<sup>th</sup> June, 2015.
167. M/s Flovel Energy Private Limited, Electro-Mechanical Contractor of the Project placed orders for procurement of major equipment's namely – Inlet Valve, EOT Crane & Generator to the manufacturers on 25<sup>th</sup> Jun 2015.
168. Owner's Engineer appointed by Om Energy Generation Pvt. Ltd. for approving/vetting of project drawings submitted by designer & contractors on 1<sup>st</sup> July 2015.
169. CCTV and VSAT installed, Wireless Sets increased at project site for Safety & Disaster Management in the 1<sup>st</sup> week of July 2015.
170. Lender Engineer Mr. V.P. Saini from Pathankot visited project site for evaluation of quarterly progress on 2<sup>nd</sup> July, 2015.
171. Explosive material procurement start from Aparna Explosive, Dehradun in 1<sup>st</sup> week of July 2015 and 1<sup>st</sup> consignment of explosive reached project site on 3<sup>rd</sup> July, 2015.
172. Entry Tax Stay Order for entry of Project Equipment's/Material/Machines in Himachal Pradesh from Honorable High Court of Himachal Pradesh on the lines of previous order dated 05/08/2014 was received on 15<sup>th</sup> July, 2015.
173. Blaster for Project civil works execution is appointed by OEGPL on 15<sup>th</sup> July, 2015 and first blast at project site taken on 16<sup>th</sup> July, 2015.
174. CSR/LADA Street light project of Kuleth Panchayat, the Poles of street light received at site through Gram Panchayat on 20<sup>th</sup> July, 2015.
175. Project insurance company survey team complete their site visit and survey of project area on 26-27<sup>th</sup> July, 2015.
176. Lease amount for FY 2015-16 (1<sup>st</sup> Half-yearly installment) from April 2015 to September 2015 of Rs. 14,33,887/- submitted to Nayab Tehsildar Holi on 27<sup>th</sup> July, 2015.
177. CF Chamba raised various queries on Tree enumeration case and return to DFO Bharmour for clarification. Reply of queries again re-submitted by DFO Bharmour to CF Chamba on 17<sup>th</sup> July & 27<sup>th</sup> July, 2015.
178. Security huts and Store cum site office near Magazine/Power House site completed by OEGPL on 30<sup>th</sup> July, 2015.
179. CF Chamba submitted the Tree Enumeration case to Nodal office, Shimla for approval on 30<sup>th</sup> July, 2015.
180. Additional Equity infused by promoters in Om Energy Generation Private Limited in time to time. The total equity infused is Rs. 12.31 Crore as on 31<sup>st</sup> July 2015.
181. The work of approach road in passage area (Approx. 100 mtr.) before proposed bridge on Holi Nallah was commenced in 3 phases namely RD 0 to 19m, RD 19 to 39 m & RD 39 to 98 m simultaneously by Road contractor RTPL through local contractor and completed in the 1<sup>st</sup> week of Aug 2015.
182. Project Risk Mitigation Insurance Policies (additional) to be taken by OEGPL from The New India Assurance Company Limited on 13<sup>th</sup> Aug 2015.

## **HOLI –II SHP (7 MW) PROJECT SUMMARY / CHRONOLOGY**

- a. Marine Insurance Policy (Bridge Supply Expected)
  - b. Delay in Startup Policy.
183. OEGPL purchase various drilling equipment's such as Jack hammer, Pusher leg & other allied items for stock and emergency breakdown of project work by any contractor at site and material received at site on 16<sup>th</sup> Aug, 2015.
  184. Nodal office Shimla take necessary approval from Secretary Forest, Govt. of Himachal Pradesh and forwarded the Tree enumeration case to Addl. Pr. CCF (Center), Dehradun after for approval on 17<sup>th</sup> Aug, 2015.
  185. The work of Boring & Penetration Test of Soil in Bridge embedment's area has been completed on 21<sup>st</sup> Aug 2015.
  186. The work of Tunnel Excavation started from Tunnel outlet portal on 27<sup>th</sup> Aug, 2015.
  187. Bridge designer Mr. Tarun Mathur sends the initial bridge drawing on 2<sup>nd</sup> Sept, 2015 and completed his site visit on 12<sup>th</sup> Sept, 2015.
  188. For smooth and better communication/coordination at site office as well as coordination office, Dehradun, video conferencing equipment's installed at site & coordination office Dehradun on 13<sup>th</sup> Sept, 2015.
  189. OEGPL deposited Local Area Development Fund 2<sup>nd</sup> Installment of Rs. 16.75 lacs to S.D.O. (Civil), Bharmour on 21<sup>st</sup> Sept, 2015.
  190. The Addl. Pr. CCF (Center), Dehradun office have some query on the Additional Tree enumeration case and return the case to Nodal Office, Shimla on 6<sup>th</sup> Oct, 2015.
  191. Lender Engineer Mr. V.P. Saini from Pathankot visited project site for evaluation of quarterly progress on 5<sup>th</sup> Oct, 2015.
  192. The work of Power Pipe excavation started from tunnel outlet site on 7<sup>th</sup> Oct, 2015.
  193. The work of Forebay excavation started from Power Pipe site on 11<sup>th</sup> Oct, 2015.
  194. The work of Bridge abutment excavation started on 19<sup>th</sup> Oct, 2015.
  195. The work of Tunnel Inlet Portal excavation started on 24<sup>th</sup> Oct, 2015.
  196. The concrete work of Bridge LHS abutment for Raft work starts from 4<sup>th</sup> Nov, 2015.
  197. The Purchase Order for the supply of 33 kV additional bay at interconnecting substation was issued to Flovel Energy on 9<sup>th</sup> Nov 2015.
  198. Nodal office, Shimla re-submitted the Tree enumeration case to Addl. Pr. CCF (Center) Dehradun office after removing the queries on 13<sup>th</sup> Nov, 2015.
  199. First heavy snowfall start at holi site on 10-11 Dec, 2015 and project sites such as Tunnel Inlet/Tunnel Outlet/ Power Pipe and Forebay excavation work closed on 11<sup>th</sup> Dec, 2015 for Snow Season Jan-Mar i.e. upto 31<sup>st</sup> March 2016. The work completed till 11<sup>th</sup> Dec is as Tunnel Inlet (Portal + 5 mtr)/Tunnel Outlet (Portal +148 mtr)/ Power Pipe (260 mtr) and Forebay (30 mtr) excavation completed.
  200. Addl. Pr. CCF (Center), Dehradun approved the Tree Enumeration Case on 11<sup>th</sup> Dec, 2015.
  201. The concrete work of Bridge RHS abutment for Raft work starts from 13<sup>th</sup> Dec, 2015.
  202. DFO, Bharmour send the demand notice for additional trees cost to OEGPL on 19<sup>th</sup> Dec, 2015 and OEGPL deposit the demand amount of Rs. 7,16,950/- vide Chq no. 775204 to DFO Bharmour office on the same date 19<sup>th</sup> Dec, 2015.
  203. Directorate of Energy, Govt. of Himachal Pradesh completed the site visit of Holi-II SHP for monitoring site construction activities on 21<sup>st</sup> Dec, 2015.

## **HOLI –II SHP (7 MW)**

### **PROJECT SUMMARY / CHRONOLOGY**

204. DFO, Bharmour send the Forest Tree Lot (Lot No. 1/2015-16 Holi-II SHP) to Forest Corporation, Chamba for felling of trees on 22<sup>nd</sup> Dec, 2015.
205. The concrete work of Bridge abutment for 1<sup>st</sup> lift of both abutments completed on 30<sup>th</sup> Dec, 2015. Concrete work of bridge abutment stopped due to Cold and Snowfall at site on 31<sup>st</sup> Dec, 2015 however Road work in Hard rock cutting area still in progress.
206. Lender Engineer Mr. V.P. Saini from Pathankot visited project site for evaluation of quarterly progress on 2<sup>nd</sup> Jan, 2016.
207. Bridge fabrication work order given to M/s P&R Infra Project by our bridge contractor M/s Rohtang Transmission Pvt. Ltd. on 2<sup>nd</sup> Jan, 2016.
208. Hydro Mechanical drawings for Penstock & Bifurcation point received from M/s P&R Infra Projects on 5<sup>th</sup> Jan, 2016.
209. **LC No. 0993016LC0000010** from SBI, Chennai (Term Loan) in favor of M/s Flovel Energy Pvt. Ltd. (E&M Supplier) established on 8<sup>th</sup> Jan, 2016.
210. Forest Corporation, Chamba prepare the estimate of lead and cost of trees and site visit of Forest Corporation, AM completed on 22<sup>nd</sup> Jan, 2016.
211. Detailed drawings of project construction starts receiving from Synergics Hydro (India) since Jan, 2015 and till Jan, 2016 all components (except Power House) drawings received.
212. E&M Equipment's such as EOT Crane, Nosal Assembly and Inlet valve ready at Flovel factory in Dec 2015 and inspection of these equipment's done by OEGPL team on 21<sup>st</sup> Jan, 2016.
213. MDCC No. 01 & 02 (Material Dispatch Clearance Certificate) issued to M/s Flovel Energy for Turbine Housing/EOT Crane/Nozzle assembly/Inlet Valve etc. on 28<sup>th</sup> Jan, 2016.
214. Road work at Hard Rock cutting area still in progress and 38 mtr long (5 mtr wide) road complete till 13<sup>th</sup> Feb, 2016.
215. E&M Equipment's/Materials such as EOT Crane, Turbine Housing and Nozzle assembly etc. dispatched from Flovel factory and started stored in DRS warehouse godown at Palwal, Faridabad from 16<sup>th</sup> Feb, 2016.
216. Inspection call for Control panels and Generator received from M/s Flovel Energy in February. Inspection of Control panels is done on 16-17 Feb at Noida factory and Generator Inspection at TDPS Bangalore factory is done on 17-19 Feb, 2016.
217. MDCC No. 03 & 04 issued to M/s Flovel Energy for AVR Panels/Excitation System/Generator etc. on 18<sup>th</sup> Feb, 2016.
218. MDCC No. 05 & 06 issued to M/s Flovel Energy for 125 KVA DG Set and Battery bank on 19<sup>th</sup> Feb, 2016.
219. Tunnel outlet work re-starts by the contractor on 25<sup>th</sup> Feb, 2016.
220. Additional insurance policy for storage of material in godown is taken from The New India Assurance Co. Ltd. on 26<sup>th</sup> Feb, 2016.
221. Additional Explosive Magazine shifted to magazine site on 28<sup>th</sup> Feb, 2016.
222. Road work at Hard Rock cutting area still in progress and 45 mtr long (5 mtr wide) road complete till 29<sup>th</sup> Feb, 2016.
223. Loan infused in the Project by State Bank of India from Term Loan through **LC No. 0993016LC0000010** towards the various procurement from M/s Flovel Energy Ltd. made on 29<sup>th</sup> Feb, 2016.
224. Forest Corporation, Chamba floated the tree cutting tender on 1<sup>st</sup> March, 2016.

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### **PROJECT SUMMARY / CHRONOLOGY**

225. Inspection of balance C&R Panels done by OEGPL Team on 3<sup>rd</sup> March, 2016.
226. MDCC No. 07 issued to M/s Flovel Energy for C&R Panels such as TAGP/LAVT/NGT/GRMP/TRMP/LRMP etc. on 7<sup>th</sup> March, 2016.
227. Bridge abutment work as bar binding of 2<sup>nd</sup> Lift re-started on 9<sup>th</sup> March, 2016.
228. Bridge fabrication work completed at P&R Factory on 10<sup>th</sup> March, 2016 and painting work of bridge started.
229. Power Pipe and Penstock fabrication work start at P&R Factory on 10<sup>th</sup> March, 2016.
230. Forest Corporation awarded work to Contractor Mr. Shankar Dass on 11<sup>th</sup> March, 2016.
231. MDCC No. 08, 09, 10 & 11 issued to M/s Flovel Energy for Indoor 6.6 kV Switchgear Panels/ 33 kV Indoor & Outdoor Panels/ Tools & Spares and Oil Pressure equipment's etc. on 12<sup>th</sup> March, 2016.
232. Shuttering for bridge abutment work reached at site on 13<sup>th</sup> March, 2016.
233. Lender Engineer Mr. V.P. Saini from Pathankot visited project site for evaluation of quarterly progress on 14<sup>th</sup> March, 2016.
234. Meeting with Manikaran Power/Tata Power for Open Access is done on 14<sup>th</sup> March, 2016.
235. Road works in other phases re-start on 16<sup>th</sup> March, 2016.
236. MDCC No. 12, 13 & 14 issued to M/s Flovel Energy for Power & Control Cables/ Station Auxiliary Transformer and Lube oil systems etc. on 16<sup>th</sup> March, 2016.
237. Loan infused in the Project by State Bank of India from Term Loan through **LC No. 0993016LC0000010** towards the various procurement from M/s Flovel Energy Ltd. made on 18<sup>th</sup> March, 2016.
238. Head Race Tunnel (Inlet portal) excavation work re-starts by contractor after snow season completion on 22<sup>nd</sup> March, 2016.
239. MDCC No. 15 & 16 issued to M/s Flovel Energy for Generator Transformer along with its spares and SCADA on 22<sup>nd</sup> March 2016.
240. Bridge Girder Material dispatched by M/s P & R Infra projects on 31<sup>st</sup> March 2016.
241. Head Race Tunnel (Outlet portal) excavation work re-starts by contractor after snow season completion on 29<sup>th</sup> Feb, 2016 but due to land slide on portal the tunnel excavation works again restart from 1<sup>st</sup> April, 2016.
242. Tree cutting work at Road alignment and other project component started by the contractor on 14<sup>th</sup> April, 2016.
243. Bankers SBI, IFB Chennai – Mr. Anbarasu, Service officer and Mr. Chaudhary, DGM visited Flovel factory/DRS Godown/ P&R Factory for vouched the E&M as well as H&M material and Holi-II project site for evaluation of project progress from 18-22<sup>nd</sup> April, 2016.
244. Inaugural of Holi-II SHP done by Mr. Thakur Singh Bharmori, Honorable Minister of Forest & Fisheries, Govt. of Himachal Pradesh on 17<sup>th</sup> May 2016.
245. Project Review Meeting "Abhimanyu" was held under the chairmanship of Mr Dalip Dua Director – Om Energy Generation Pvt. Ltd at HOLI-II Project Site on 21-22<sup>nd</sup> May 2016.
246. MDCC No. 17 issued to M/s Flovel Energy for first stage embedded parts and control room embedded parts on 31<sup>st</sup> May 2016.
247. Trench weir/Intake excavation work start at site by contractor on 1<sup>st</sup> June, 2016.
248. Geologist Mr. M.L. Sharma visited project site for evaluation of project excavation activities at various component on 17<sup>th</sup> June, 2016.

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### **PROJECT SUMMARY / CHRONOLOGY**

249. New vehicle (Mahindra Bolero Camper 4X4) for site purchased by our civil contractor RTPL on 4<sup>th</sup> July, 2016.
250. Business Facilitation Service Agreement (MOU) signed with Manikaran Power Ltd. at New Delhi on 12<sup>th</sup> July, 2016.
251. Project vehicle (Mahindra Thar) shifted from Left bank to Right bank of Bridge by Mr. Dalip Dua, Director on his visit for better connectivity to power house on 24<sup>th</sup> July, 2016.
252. Feeder Channel excavation work start at site by contractor on 1<sup>st</sup> August, 2016.
253. Lender Engineer Mr. V.P. Saini from Pathankot visited project site for evaluation of project progress on 2<sup>nd</sup> August, 2016.
254. OEGPL Team visited P&R factory for inspection of Expansion Joint of Power pipe and Pen Stock on 3<sup>rd</sup> August, 2016.
255. New Excavator (Hyundai 210 model) for usage of Power House and Road cutting/grading work reached at site on 6<sup>th</sup> August, 2016.
256. Auxiliary Transformer (2 nos.) for Power House dispatched by Flovel Energy received at site on 7<sup>th</sup> August, 2016.
257. Labour shed to own labour for execution of Power House excavation work made at site on 7<sup>th</sup> August, 2016.
258. Group HR Consultant Mr. Manmeet singh visited project site for understanding the HR problems of site employees on 13-14<sup>th</sup> August, 2016.
259. Water supplies start at power house & explosive magazine site on 30<sup>th</sup> Aug, 2016.
260. Rs. 1,47,050/- paid to Forest Department in favor of DFO, Bharmour against damage challan no. 197 report no. 055 on dated 9<sup>th</sup> Sept, 2016.
261. Project Progress Meeting – Manthan held at project site for evaluation of project construction activities at site from 11 – 13<sup>th</sup> Sept, 2016.
262. M/s P & R Infra projects dispatched the Ropeway and gate material on 19<sup>th</sup> Sept, 2016.
263. Bridge LHS abutment bed block lift concrete work completed on 21<sup>st</sup> Sept, 2016.
264. Under CSR – Water supply pump for Forest Nursery at Forest office, Jabbal (Holi) handed over to forest department on 22<sup>nd</sup> Sept, 2016. Company was applauded.
265. Labour shed for facilitation of own Labour to execution of balance Forebay & Power Pipe excavation work made at site on 24<sup>th</sup> Sept, 2016.
266. Bridge RHS abutment bed block lift concrete work completed on 24<sup>th</sup> Sept, 2016.
267. Power Purchase Agreement (PPA) for Holi-II SHP signed with Manikaran Power Ltd. at New Delhi on 1<sup>st</sup> October, 2016.
268. Bridge LHS final abutment concreting with fixing of bearing completed on 4<sup>th</sup> Oct, 2016.
269. Power House excavation work start at site by contractor on 13<sup>th</sup> Sept, 2016 but work stopped due to bolder/muck falling from Forebay and Power Pipe site. Excavation works re-start from 5<sup>th</sup> Oct, 2016.
270. Diversion Tunnel excavation work start by contractor on 6<sup>th</sup> Oct, 2016 for full year working at weir/intake site in 2017.
271. Bridge RHS final abutment concreting with fixing of bearing completed on 16<sup>th</sup> Oct, 2016.
272. Directorate of Energy, Govt. of Himachal Pradesh completed the site visit of Holi-II SHP for monitoring site construction activities on 19<sup>th</sup> Oct, 2016.
273. Power Channel excavation work start by contractor on 22<sup>nd</sup> October, 2016.

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### **PROJECT SUMMARY / CHRONOLOGY**

274. Transmission line material (33 poles) received at site on 27<sup>th</sup> October, 2016.
275. Bridge spans girder assembling & erection completed on 29<sup>th</sup> October, 2016.
276. Bankers SBI, IFB Chennai – AGM Mr. R. Balanand visited Flovel factory/DRS Godown/ P&R Factory for vouched the E&M as well as H&M material and Holi-II project site for evaluation of project construction progress from 14-17<sup>th</sup> Nov, 2016.
277. Project insurance company survey team complete their site visit for survey of project construction activities of each component on 24-26<sup>th</sup> Nov, 2016.
278. Bridge slab shuttering work start from 7<sup>th</sup> Nov, 2016 and after completion of bar binding the slab concrete completed after 19 hours of vigorous works on 29<sup>th</sup> Nov, 2016.
279. Head Race Tunnel (Outlet portal) excavation work completed of targeted milestone of 432 mtr on 12<sup>th</sup> Dec, 2016.
280. M/s P & R Infra projects dispatched the 9 no. penstock and 13 no. power pipe at project site till 12<sup>th</sup> Dec, 2016.
281. Diversion Tunnel total excavation work of 57mtr completed on 18<sup>th</sup> Dec, 2016.
282. Head Race Tunnel (Outlet portal) excavation work completed of 445mtr on 25<sup>th</sup> Dec, 2016. First snowfall held in project area on 24-25<sup>th</sup> Dec, 2016. Work stopped due to snowfall and cold weather conditions at site.
283. SBI, IFB Chennai issued BG No. 0993016BG0000227 against 1<sup>st</sup> installment of Capital Subsidy of Rs. 2.50 Crore in favor of MNRE, New Delhi for release the subsidy in favor of Project on 28<sup>th</sup> Dec, 2016.
284. Head Race Tunnel (Inlet portal) excavation work complete of 300 mtr on 28<sup>th</sup> Dec, 2016. Work stopped due to snowfall and cold weather conditions at site.
285. MNRE release the Sanction letter of Subsidy of Rs. 2.50 Crore out of total sanction subsidy amount of Rs. 5.00 Crore for release the subsidy amount in our Term Loan account at IFB Chennai on 29<sup>th</sup> Dec, 2016.
286. Project Review Meeting "Manthan-2" held at Dehradun on 29-30 Dec, 2016.
287. Bridge all shuttering material return to Chandigarh on 30<sup>th</sup> Dec, 2016.
288. Project site close for winter cum Snow Season on 31<sup>st</sup> Dec, 2016.
289. Heavy snowfall held in project area on 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> of January 2017.
290. Drawing of Bay/Inter Connection Point submitted to RE Generation Circle, Kholi on 11<sup>th</sup> Jan, 2017 and same is forwarded by RE Kholi to SE Generation Circle, Palampur and submitted on 11<sup>th</sup> Jan, 2017.
291. Bridge opens for traffic on 14<sup>th</sup> January, 2017 and inaugural done by Pradhan Kuleth Panchayat Mr. Shankar Dass.
292. Excavator Hyundai 210 returns from project site to Mandi on 14<sup>th</sup> January, 2017.
293. Drawing of Bay/Inter Connection Point forwarded by SE Generation Circle, Palampur to Director Design office, Sundernagar and submitted on 17<sup>th</sup> Jan, 2017.
294. OEGPL Team with surveyor visited Synergics Hydro India for Re-designing issue of Forebay and Penstock alignment on 19<sup>th</sup> Jan, 2017.
295. OEGPL Team visited P&R factory for inspection of Expansion Joint of Power pipe and Pen Stock on 25<sup>th</sup> Jan, 2017.
296. Meeting with Director Design, HPSEBL Sundernagar held on 3-4<sup>th</sup> Feb, 2017 for getting comments/review on Drawing of Bay/Inter connection point.

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### **PROJECT SUMMARY / CHRONOLOGY**

297. Heavy Rainfall held in project area on 5<sup>th</sup>, 6<sup>th</sup> & 7<sup>th</sup> Feb, 2017. Project Road damage in various areas/RDs due to heavy rainfall in project area.
298. News flash of heavy rainfall and project road/components damages in local newspapers of Chamba on 9<sup>th</sup> Feb, 2017.
299. Project Execution Team mobilizes for site on 20<sup>th</sup> Feb, 2017.
300. 2<sup>nd</sup> Heavy rainfall held in project area on 21<sup>st</sup> & 22<sup>nd</sup> Feb, 2017.
301. Labour officer with Labour inspector inspected project site on 22<sup>nd</sup> Feb, 2017.
302. Measurement of damage area by site team starts on 24<sup>th</sup> Feb, 2017.
303. Estimation and evaluation of damages in project area starts on 26<sup>th</sup> Feb, 2017.
304. Insurance company surveyor completes the project site visit cum inspection/survey of damage area on 1<sup>st</sup> March, 2017.
305. Project Director Mr. Dalip Dua project site visit held on 5-6-7<sup>th</sup> March, 2017 for further execution planning of project.
306. Road repairing/path maintenance work start at project site on 13<sup>th</sup> March and make power house site approachable on 20<sup>th</sup> March, 2017.
307. Labour shed at PH site re-building work starts at site on 20<sup>th</sup> March, 2017.
308. Span fixing work from PH site to Outlet site starts at PH site on 22<sup>nd</sup> March, 2017. Tunnel Inlet Contractor also mobilizes Labour to inlet site for making path and site approachable on 22<sup>nd</sup> March, 2017.
309. Labour shed at Forebay site re-building work starts at site on 23<sup>rd</sup> March, 2017.
310. Meeting with Dy. CCE, Explosive office, Chandigarh regarding grant of license and inspection of magazine held on 30<sup>th</sup> March, 2017.
311. Forebay excavation work re-starts after snow season on 2<sup>nd</sup> April, 2017.
312. Tunnel Outlet excavation work re-starts after snow season on 3<sup>rd</sup> April, 2017.
313. Tunnel Inlet excavation work re-starts after snow season on 5<sup>th</sup> April, 2017.
314. New Lenders Independent Engineer (LIE) Mr. Bipan Attri from Hamirpur (HP) visited project site on 12-13<sup>th</sup> April, 2017.
315. River diversion work to divert water into diversion tunnel start on 15<sup>th</sup> April, 2017.
316. Intake excavation work re-starts after snow season on 15<sup>th</sup> April, 2017.
317. Feeder Channel excavation work re-starts after snow season on 23<sup>rd</sup> April, 2017.
318. Power House – Transformer Yard excavation work start on 6<sup>th</sup> May, 2017.
319. Civil protection work of Bay area at Holi Sub-Station start on 20<sup>th</sup> May, 2017.
320. Excavation work of Desilting Tank re-starts after snow season on 27<sup>th</sup> May, 2017.
321. Span work in progress, however, pole fixing at end point (outlet), rope sagging from PH to Outlet and stacking at outlet site completed on 1<sup>st</sup> June, 2017. Main rope sagging work is in progress.
322. Project Promoters Mr. Ravi Kumar Gupta along with his son Mr. Alok Gupta visited project site on 11-12<sup>th</sup> July, 2017.
323. River diversion work (Coffer Dam) completed on 12<sup>th</sup> July, 2017.
324. Procurement of Reinforcement steel for Forebay concreting started from 20<sup>th</sup> July, 2017.
325. Transmission line pole foundation work start at site on 24<sup>th</sup> July, 2017.

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326. Directorate of Energy, Govt. of Himachal Pradesh officials Er. M. G. Thakur, Dy. Chief Engineer & Mr. Rakesh Nirmohi, Sr. Ex. Engineer completed their site visit of Holi-II SHP for monitoring site construction activities on 18<sup>th</sup> August, 2017.
327. Procurement of Aggregate & Sand for Forebay concreting started from 12<sup>th</sup> August, 2017.
328. Street light project for Kuleth Panchayat under CSR – LADA scheme – the cable & lights received at site on 16<sup>th</sup> August, 2017 and handed over to Panchayat.
329. Transmission line pole erection work start at site from 17<sup>th</sup> August, 2017.
330. Project Tunnel (HRT) of 918mtr long day lighted on 7<sup>th</sup> Sept, 2017.
331. Lenders Independent Engineer (LIE) Mr. Bipan Attri from Hamirpur (HP) completes his 2<sup>nd</sup> visit of project site on 15-16<sup>th</sup> Sept, 2017.
332. Labour officer with Labour inspector inspected project site on 20<sup>th</sup> September, 2017.
333. River Diversion structure (Coffer Dam) damaged due to heavy rains/flood occurs on the Holi Nallah on 20<sup>th</sup> Sept, 2017.
334. Street light project for Kuleth Panchayat under CSR – LADA scheme – the additional street light poles received at site on 27<sup>th</sup> Sept, 2017 and handed over to Panchayat.
335. Tree Plantation by the project site team organized on the occasion of Dashera and 108 trees planted in project area on 30<sup>th</sup> Sept, 2017.
336. Geologist **Mr. ML Sharma** visited project site on 12<sup>th</sup> Oct, 2017.
337. For carrying construction material from power house site to outlet portal small span Ropeway fixed at tunnel's outlet portal on 15<sup>th</sup> Oct, 2017.
338. Excavation work of De-silting tank completed on 18<sup>th</sup> Oct, 2017,
339. Forebay excavation completed on 22<sup>th</sup> Oct, 2017.
340. Bar Cutting & Binding work for Forebay reinforcement started on 23<sup>th</sup> Oct, 2017.
341. Repairing work of damage river diversion (**Coffer Dam**) started on 25<sup>th</sup> Oct, 2017.
342. Forebay tank base plain cement concreting work started on 31<sup>st</sup> Oct, 2017.
343. 33 kV Bay at Holi substation civil drawings approved by S.E Design HPSEB Sundernagar on Dated 3<sup>rd</sup> Nov, 2017.
344. Excavation work of Ropeway foundation completed on 06<sup>th</sup> Nov, 2017.
345. Directorate of energy, team site visit cum inspection headed by **Dr. Ajay Sharma [IAS] Special secretary [MPP & POWER]-cum-Director** with HPPTCL MD Mr. JP Kalta completed on 11<sup>th</sup> Nov, 2017.
346. After DOE team visit, in order to bring sustainability and long term durability, project management decided for steel liner inside the HRT for Zero leakage and enhances the long term productivity of project.
347. Forebay Raft concreting started on 12<sup>th</sup> Nov, 2017.
348. Additional accommodation/Shed work for Labour completed at power house site completed on 15<sup>th</sup> Nov, 2017.
349. Transmission line pole Erection work started on 18<sup>th</sup> Nov, 2017.
350. Rope way load carrying testing done by site engineers on 28<sup>th</sup> Nov, 2017.
351. River diversion structure re-construction completed on 7<sup>th</sup> Dec, 2017.
352. Lenders Independent Engineer (LIE) Mr. Bipan Attri from Hamirpur (HP) completes his 3<sup>rd</sup> visit of project site on 8<sup>th</sup> Dec, 2017.



## **HOLI –II SHP (7 MW)**

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353. Inlet portal of tunnel completed on 9<sup>th</sup> Dec, 2017.
354. First heavy snowfall of FY 2017-18 held on 11-12<sup>th</sup> Dec, 2017 at project site.
355. Above elevation of 2250 project work temporary stopped from 12<sup>th</sup> Dec, 2017 due to extreme weather.
356. Project Progress Meeting – Disha held at project site for evaluation of project construction activities at site on 13 - 14<sup>th</sup> Dec, 2017.
357. Lenders Independent Engineer (LIE) Mr. Bipan Attri from Hamirpur (HP) completes his 1<sup>st</sup> visit of P&R workshop Ropar and Flovel DRS Godown Faridabad for verification of material as per direction of Bankers SBI IFB Chennai on 19<sup>th</sup> Dec, 2017.
358. Power house site closed due to extreme weather on 27<sup>th</sup> Dec, 2017.
359. Street light project in Kuleth Panchayat start functioning from 1<sup>st</sup> Jan 2018.
360. Landslide occurred near Power House on 15<sup>th</sup> Feb 2018 due to heavy snowfall.
361. All sites opened for continuing work from 1<sup>st</sup> Mar, 2018.
362. SBI, Chennai credit analysis Mr. Anbrasu R visited Holi-II project site for monitoring project activities on 14-15<sup>th</sup> March 2018.
363. Project Promoters Mr. Alok Gupta visited project site on 14-15<sup>th</sup> March 2018.
364. Xicon team visited project site for additional bay survey on 20<sup>th</sup> March 2018.
365. Labour officer with labour inspector inspected project site on 28<sup>th</sup> March 2018.
366. Explosive license Renewal case submitted to Dy. Chief Controller of Explosive office Chandigarh on 9<sup>th</sup> April 2018.
367. Project Ropeway by P&R infra starts functioning and shifting of heavy material such as Power Pipe, Mixtures and Gates etc. from 10<sup>th</sup> April, 2018.
368. Two nos. new tractors for material shifting from Outlet to Weir site reached power house site on 18<sup>th</sup> April, 2018.
369. Directorate of Energy, Govt. of Himachal Pradesh officials Mr. P.K.S. Rohilla, Chief Engineer with his team completed their site visit for monitoring site construction activities on 20<sup>th</sup> April, 2018.
370. Explosive license Renewed by Dy. Chief Controller, Chandigarh on 20<sup>th</sup> April 2018.
371. Insurance surveyor Mr. Navneet Tiwari visited project site on 20<sup>th</sup> -21<sup>st</sup> Apr 2018 for renewal of EAR policy.
372. Additional accommodation/Shed work for Labour completed at Tunnel outlet site completed on 25<sup>th</sup> April, 2017.
373. New tractors shifted from Power House to Outlet site through ropeway on 25<sup>th</sup> April, 2018
374. Forebay concrete works re-start at site on 26<sup>th</sup> April, 2018.
375. Project insurance EAR Policy renewed and binder document received on 30<sup>th</sup> April, 2018.
376. In project CSR/LADA work, Solar Street light for Andrala village of Holi Panchayat ordered on 3<sup>rd</sup> May, 2018.
377. Insurance surveyor Mr. Chandra Shekhar visited project site on 10<sup>th</sup> -11<sup>th</sup> May 2018 for inspection of restoration work of Road Damage for project insurance claim.
378. Feeder Channel excavation work completed on 12<sup>th</sup> May, 2018.
379. Bay at Holi Switch yard excavation work completed on 13<sup>th</sup> May, 2018. Concrete work of foundation will start soon.

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380. Desilting Tank excavation work completed on 14<sup>th</sup> May, 2018 and PCC for foundation raft work started on 15<sup>th</sup> May, 2018.
381. Alternate installation of efficient and heavy load span (Ropeway) with 2 ton trolley work is in progress. Final stringing of 25mm rope on traveller is pending for the movement of raw material upto 2350mtr weir site level. This span will enable us efficient erection of steel water conductor system as well as tunnel liners for the project.
382. Desilting Tank PCC work completed on 25<sup>th</sup> May, 2018 and bar-binding work of Raft started on 26<sup>th</sup> May, 2018.
383. Penstock excavation work start from Forebay site on 24<sup>th</sup> June, 2018.
384. Bankers SBI, IFB Chennai officials Mr. P.V. Raja, DGM visit project site on 27-28 June, 2018.
385. High flood in Holi Nallah occur on 28<sup>th</sup> June, 2018 after continuous rains at site from 26 – 29 June 2018. It caused the damage of Diversion structure and blocked diversion tunnel hence weir site work stopped due to high discharge.
386. Solar Street light work at Vill. Andrala Gram in Holi Panchayat completed on 8<sup>th</sup> July, 2018.
387. Himachal Pradesh Power Transmission Corporation Ltd. (HPPTCL) official's team completed his site visit at Holi-II Switch yard/PH site on 15<sup>th</sup> July, 2018.
388. Desilting Tank Raft concreting work completed on 19<sup>th</sup> July, 2018.
389. Directorate of Energy, Govt. of Himachal Pradesh officials Mr. Rajan Sharma, Superintending Engineer with Mr. Rajneesh Sharma, Addl S.E. (Safety) has completed their site visit for monitoring site damages as well as construction activities on 27<sup>th</sup> July, 2018.
390. Power House Machine Hall excavation work completed on 28<sup>th</sup> Aug, 2018.
391. Tailrace channel excavation work start from 11<sup>th</sup> Aug, and completed on 29<sup>th</sup> Aug, 2018.
392. DG Set for Construction Power (2 Nos. 125kVA/65kVA) received at site on 31<sup>st</sup> Aug, 2018.
393. Earth mat erection/ earth pit bore holes work start at Power House/ Switch yard area on 3<sup>rd</sup> September, 2018.
394. Power House service bay PCC work start on 5<sup>th</sup> Sept, 2018 and completed on 8<sup>th</sup> Sept, 2018.
395. Tail Race Channel PCC work start on 9<sup>th</sup> Sept, 2018.
396. Main Ropeway wire sagging work completed 9<sup>th</sup> Sept, and trial run done on 10<sup>th</sup> Sept, 2018. Steel pipes/ DG Sets/material shifting work starts on 11<sup>th</sup> Sept, 2018.
397. Heavy flood occur in Holi Nallah on 23<sup>rd</sup> Sept, 2018 due to continuous heavy rains at Holi area/Project site from 21 – 24 Sept, 2018. It caused the damage of all project components such as Weir site / Feeder Channel/ Desilting Tank/ Tunnel Portals/ Power Pipe/ Forebay/ Penstock/ Power House and Approach Road upto Power House has flooded/washout at various areas due to heavy flood in Holi Nallah. Transmission line and Bay area and Bridge abutment also damages due to high flood.
398. Insurance surveyor initial visit of project site for damage inspection done on 28<sup>th</sup> Sept, 2018.
399. Restoration work of approach road from Power House site to Adit 5 for temporary movement of vehicles start on 1<sup>st</sup> Oct, 2018.
400. Project cost revalidation work assigned to AHEC, IIT, Roorkee on 31<sup>st</sup> Oct, 2018 and advance payment of Rs. 3,89,400/- paid to AHEC on 01/12/2018. Report awaited.
401. Restoration work of approach road from Adit 5 to storage area for temporary movement of vehicles start but stopped due to heavy snowfall.

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402. Steel for tunnel steel liner/pipes ordered to Shiva Ferric Pvt. Ltd. on 7<sup>th</sup> Feb, 2019.
403. Mobilization of site after heavy snowfall/rainfall in winters planned on 15<sup>th</sup> April, 2019.
- 404.