
UAT-Test Cases- Open Access Software Modules- Open Access

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1. Context

BSPTCL is implementing a web based online application for processing of various types of open access applications .received for usage of intra-state & inter-state transmission & distribution system. The application will be hosted on server located in Bihar SLDC. The application will facilitate the users to initiate open access, receive applications, processing, providing approval/denial to applicants for open access, revision of granted open access capacity & keeping track of status of all applications for backend analysis. This documents covers test cases which can be used for testing various functionalities provided under Open Access Software modules.

2. Test Cases

2.1. Open Access

2.1.1. Login Process

Test Case ID	OA-1001	Module Name	Open Access		
Test Title	Login Process	User Role	General User		
Test Executed By		Test Date			
Pre-conditions	The user should have valid login-id and password for accessing Open Access module.				
Step: 1	Test Steps	Test Data	Expected Result	Actual Result	Remarks
1	Open the web browser and type web-link/URL in address bar	<web-link/ URL>, Recommended web browser- Google chrome	Web browser opened		
2	Click on Open Access module		Module link is visible		
3	Type User-id/login id and password in relevant fields	User id – admin, Password: admin	Login id and password is entered		
4	Click on Login button		Login option is visible and user is able to login into System administrator module		
Post-conditions	The user is logged into Open Access module which has all the screens for managing various types of open access applications.				

2.1.2. Process for Registration

Test Case ID	OA-1002	Module Name	Open Access		
Test Title	Process of Registration	User Role	General User		
Test Executed By		Test Date			
Pre-conditions	The user should have valid login-id and password for accessing Open Access module.				
Step: 1	Test Steps	Test Data	Expected Result	Actual Result	Remarks
1	Customer have to complete pre-registration process by making online registration		Customer successfully completes the pre-registration process		
2	Verification & confirmation to proceed with registration		Category 2 officer does verification of particulars & intimate customer to initiate registration process		
3	Initiate "One time Registration" request		Receipt of applications shall be provided within 3 days from the date of receipt of hard copy along with all supporting documents of application		
4	Receive Request by User (Category 1) & Assign to User (Category 2)		Category 1 officer reviews request and depending upon the situation, request can be assigned to Category 2 officer		
5	User(Category 2) conducts study & sends to User(Category 1) for approval		Category 2 officer reviews the request & share comments with Category 1 officer		
6	User(Category 1) approves/rejects the registration		Category 1 officer approves/ deny the request after		

Test Case ID	OA-1002	Module Name	Open Access		
Test Title	Process of Registration	User Role	General User		
Test Executed By		Test Date			
Pre-conditions	The user should have valid login-id and password for accessing Open Access module.				
Step: 1	Test Steps	Test Data	Expected Result	Actual Result	Remarks
			receiving inputs from Category 2 officer		
Post-conditions	The registration process has been completed through the online System.				

2.1.3. Process for Intra State Open Access Application (3 months - 1 year)

Test Case ID	OA-1003		Module Name	Open Access	
Test Title	Process for Intra State Open Access Application (3 months – 1 Year)		User Role	General user	
Test Executed By			Test Date		
Pre-conditions	The user should have valid login-id and password for accessing Open Access module.				
Step: 1	Test Steps	Test Data	Expected Result	Actual Result	Remarks
1	Open Access customer will submit the application		Application submitted by the customer		
2	SLDC user check the Application and send Acknowledgement to Customer		Acknowledgement received by the customer		
3	User category 1 review the application		Application reviewed by User		
4	The User Category-2 in SLDC will update details to ascertain the margin available for short term open access 3 months - 1 year				
5	Receive application by user category 1 and send to user category 2				
6	User category 2 conducts study and sends to user category 1 for Approval		Application send for Approval		
7	User Category 1 approves/rejects the				

Test Case ID	OA-1003	Module Name	Open Access		
Test Title	Process for Intra State Open Access Application (3 months – 1 Year)	User Role	General user		
Test Executed By		Test Date			
Pre-conditions	The user should have valid login-id and password for accessing Open Access module.				
Step: 1	Test Steps	Test Data	Expected Result	Actual Result	Remarks
	application & intimation for payment of SLDC fees & charges				

8	Customer Receive information against the application & intimate payment of SLDC fees & charges and confirms the payment		SLDC receive information regarding Payment		
9	The open access user (or) SLDC can initiate the process for surrender of booked capacity				
10	The applications will be received by the Category 1 user then assigned application would be received by category 2 user to process the application				
11	User Category 1 revises capacity allocation		Customer receives information against the surrender of capacity		
Post-conditions	The application for STOA application of duration “3 months to 1 year” has to be made before 5th day of the month.				

2.1.4. Process for Intra State Open Access Application (Less than 3 months)

Test Case ID	OA-1004	Module Name	Open Access		
Test Title	Process for Intra State Open Access Application (Less than 3 months)	User Role	General user		
Test Executed By		Test Date			
Pre-conditions	The user should have valid login-id and password for accessing Open Access module.				
Step: 1	Test Steps	Test Data	Expected Result	Actual Result	Remarks
1	Submission of Open access application		After successful submission, application is acknowledged		
2	User to check Application		Category 2 user acknowledge receipt of payment & application		
3	User Category 1 analyze applications		User Category 1 reviews applications via software		
4	Update Margin Details		User Category 2 update details for margin via software and send for approval to User Category 1		
5	Invitation of Snap Bids (if the transmission capacity is less than open access capacity)		Invitation of snap bids on a prescribed format. User category 2 officer receives and review (may prioritize) the bids and capacity allocation based on bids received		
6	Receive application by User Category 1 & Assign to User Category 2		User Category 1 reviews application and depending upon the situation, application can be		

Test Case ID	OA-1004	Module Name	Open Access		
Test Title	Process for Intra State Open Access Application (Less than 3 months)	User Role	General user		
Test Executed By		Test Date			
Pre-conditions	The user should have valid login-id and password for accessing Open Access module.				
Step: 1	Test Steps	Test Data	Expected Result	Actual Result	Remarks
			assigned to User Category 2		

7	User Category 2 conducts study & sends to User Category 1 for approval		User Category 2 reviews application & share comments with User Category 1		
8	User (Category 1) approves/rejects the application & intimation for payment of SLDC fees & charges		As per the feedback share by User category 2 the User category 1 approves/ deny the request with intimation of SLDC charges to the Customer		
9	Payment confirmation		Customer make payment & confirms the same		
10	Capacity Allocation				
11	Update margin details and invite snap bids		User Category 1 reviews application and depending upon the situation, application can be assigned to User Category 2 User Category 2 reviews application & share comments with User Category 1		
12	User Category 1 revises capacity allocation		User category 1 receives feedback from User Category 2 for surrender/revocation of capacity and revise the schedule		
Post-conditions	The application for STOA application of duration “Less than 3 months” has to be made before 15th day of the month.				

2.1.5. Process for Intra State Open access application (Less than 1 month)

Test Case ID	OA-1005	Module Name	Open Access		
Test Title	Process for Intra State Open Access Application (Less than 1 months)	User Role	General user		
Test Executed By		Test Date			
Pre-conditions	The user should have valid login-id and password for accessing Open Access module.				
Step: 1	Test Steps	Test Data	Expected Result	Actual Result	Remarks
1	Submission of Open access application		After successful submission, application is acknowledged		
2	User to check Application		Category 2 user acknowledge receipt of payment & application		
3	User Category 1 analyze applications		User Category 1 reviews applications via software		
4	Update Margin Details		User Category 2 update details for margin via software and send for approval to User Category 1		
5	Invitation of Snap Bids (if the transmission capacity is less than open access capacity)		Invitation of snap bids on a prescribed format. User category 2 officer receives and review (may prioritize) the bids and capacity allocation based on bids received		
6	Receive application by User Category 1 & Assign to User Category 2		User Category 1 reviews application and depending upon the situation, application can be		

Test Case ID	OA-1005	Module Name	Open Access		
Test Title	Process for Intra State Open Access Application (Less than 1 months)	User Role	General user		
Test Executed By		Test Date			
Pre-conditions	The user should have valid login-id and password for accessing Open Access module.				
Step: 1	Test Steps	Test Data	Expected Result	Actual Result	Remarks
			assigned to User Category 2		

7	User Category 2 conducts study & sends to User Category 1 for approval		User Category 2 reviews application & share comments with User Category 1		
8	User (Category 1) approves/rejects the application & intimation for payment of SLDC fees & charges		As per the feedback share by User category 2 the User category 1 approves/deny the request with intimation of SLDC charges to the Customer		
9	Payment confirmation		Customer make payment & confirms the same		
10	Capacity Allocation				
11	Update margin details and invite snap bids		User Category 1 reviews application and depending upon the situation, application can be assigned to User Category 2 User Category 2 reviews application & share comments with User Category 1		
12	User Category 1 revises capacity allocation		User category 1 receives feedback from User Category 2 for surrender/revocation of capacity and revise the schedule		
Post-conditions	The application for STOA application of duration “Less than 1 month” has to be made before 20 th day of the month.				

2.1.6. Process for Intra State Open Access Application (Day Ahead)

Test Case ID	OA-1006	Module Name	Open Access		
Test Title	Process for Intra State Open Access Application (Day Ahead)	User Role	General user		
Test Executed By		Test Date			
Pre-conditions	The user should have valid login-id and password for accessing Open Access module.				
Step: 1	Test Steps	Test Data	Expected Result	Actual Result	Remarks
1	Submission of Open access application		After successful submission, application is acknowledged		
2	User to check application		Category 2 user acknowledge receipt of payment & application		
3	User Category 1 analyses the applications through software after due date		User Category 1 reviews applications via software		
4	Update Margin Details		User Category 2 update details for margin via software and send for approval to User Category 1		
5	Invite Snap Bids (if the transmission capacity is less than open access Capacity)		Invitation of snap bids on a prescribed format. User category 2 officer receives and review (may prioritize) the bids and capacity allocation based on bids received		
6	Receive application by User Category 1 &		User Category 1 reviews application and depending		

Test Case ID	OA-1006	Module Name	Open Access		
Test Title	Process for Intra State Open Access Application (Day Ahead)	User Role	General user		
Test Executed By		Test Date			
Pre-conditions	The user should have valid login-id and password for accessing Open Access module.				
Step: 1	Test Steps	Test Data	Expected Result	Actual Result	Remarks
	Assign to User Category 2		upon the situation, application can be assigned to User Category 2		

7	User(Category 2) conducts study & sends to User(Category 1) for approval		User Category 2 reviews application & share comments with User Category 1		
8	User(Category 1) approves/rejects the application & intimation for payment of SLDC fees & charges		As per the feedback share by User category 2 the User category 1 approves/ deny the request with intimation of SLDC charges to the Customer		
9	Payment confirmation		Customer make payment & confirms the same		
Post-conditions	The application for STOA day-ahead application has to be made before 3 days before the date of delivery & up to 13:00 hrs. of the day immediately preceding the day of delivery.				

2.1.7. Process for Inter State Open Access Application (Advance Transactions)

Test Case ID	OA-1007		Module Name	Open Access	
Test Title	Process for Inter State Open Access Application (Advance Transactions)		User Role	General user	
Test Executed By			Test Date		
Pre-conditions	The user should have valid login-id and password for accessing Open Access module.				
Step: 1	Test Steps	Test Data	Expected Result	Actual Result	Remarks
1	Submission of Open access application		After successful submission, application is acknowledged		
2	User to check application		Category 2 user acknowledge receipt of payment & application		
3	User Category 1 analyses the applications through software after due date		User Category 1 reviews applications via software		
4	Update Margin Details		User Category 2 update details for margin		
5	Mapping of Injector and Drawee entities		Software map Injection or Drawal from state for inter-state OA		
6	Receive application by User Category 1 & Assign to User Category 2		User Category 1 reviews application and depending upon the situation, application can be assigned to User Category 2		

7	User Category 2 conducts study & sends to User Category 1 for approval		User Category 2 reviews application & share comments with User Category 1		
8	User Category 1 approves/rejects the application		As per the feedback share by User category 2 the User category 1 approves/ deny the request with intimation of SLDC charges to the Customer		
9	Generation of payment schedule		After RLDC approval SLDC generates payment schedule		
10	Payment confirmation		Customer make payment and confirms the same		
Post-conditions	The application for advance STOA type 3 months Advance (N+3), 2 months Advance (N+2) and 1 month Advance (N+1) are Last 5 working days of Nth month, 20th – 23rd of Nth month and 16th – 18th of the Nth month respectively.				

2.1.8. Process for Inter State Open Access Application (Contingency Transactions)

Test Case ID	OA-1008	Module Name	Open Access		
Test Title	Process for Inter State Open Access Application (Contingency Transactions)	User Role	General user		
Test Executed By		Test Date			
Pre-conditions	The user should have valid login-id and password for accessing Open Access module.				
Step: 1	Test Steps	Test Data	Expected Result	Actual Result	Remarks
1	Submission of Open access application		After successful submission, application is acknowledged		
2	User to check application		Category 2 user acknowledge receipt of payment & application		
3	Shift Incharge analyses the applications through software after due date		User Category 1 reviews applications via software		
4	Update Margin Details		User Category 2 update details for margin		
5	Shift Incharge approves/reject the Application				
6	Generation of Payment Schedule		Receive information against the application & intimate payment of SLDC fees		

7	Payment confirmation		User received information Regarding payment		
Post-conditions	The Inter State Open access application for Contingency Transactions has been done through the online System.				

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